

# IDIQ CONTRACT FOR DESIGN SERVICES

Statewide with Majority of Work in District 08

Contract No.  
4400030072



**Empowering People. Enriching Communities.**



6660 Riverside Drive  
Suite 101  
Metairie, LA 70003

504.323.3460  
866.357.1050

[tbsmith.com](http://tbsmith.com)

October 17, 2024

**Contract No. 4400030072 | IDIQ Contract for Design Services Statewide with the Majority of Work in District 08**

**TO:** Louisiana Department of Transportation and Development (LADOTD)  
1201 Capitol Access Road  
Baton Rouge, LA 70802

**FROM:** Andrée F. Cortez, PE, PMP  
Chief Operations Officer  
[andree.cortez@tbsmith.com](mailto:andree.cortez@tbsmith.com)

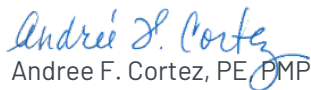
Dear Selection Committee:

The Louisiana Department of Transportation and Development's (LADOTD) dedication to enhancing Louisiana's transportation infrastructure serves as the driving force behind T. Baker Smith's (TBS) innovative approach to providing reliable solutions. The heart of TBS' philosophy is our commitment to develop trusted partnerships with clients by providing exemplary services. Accordingly, we are committed to assisting LADOTD in ensuring that the state's roadways and bridges are designed with the highest standards of safety and maintained with maximum efficiency. Our experienced transportation group is enthusiastic about the opportunity to serve LADOTD under the IDIQ Contract for Design Services Statewide, with a focus on District 08, as currently advertised.

TBS has assembled a team of expert transportation-focused firms to work alongside our own highly skilled internal transportation staff, all of whom have extensive experience with LADOTD projects. Crescent Engineering & Mapping, LLC; Vectura Consulting Services, LLC; and APS Engineering and Testing, LLC bring industry-recognized expertise in transportation-related design services, forming a highly capable team ready to deliver successful projects to LADOTD. Through our working experience in District 08, we have developed strong working relationships with the Parishes and several District staff within District 08. We recognize the value of the IDIQ contract as a critical tool for LADOTD, enabling quick engagement on time-sensitive projects, and our project management practices are designed to ensure timely delivery and cost-efficiency.

The TBS Team is well-prepared to address a wide variety of project types under this IDIQ contract. Our comprehensive experience allows us to tackle these diverse scopes with precision and effectiveness. By selecting TBS and our team of dedicated professionals, you are choosing a partner committed to turning your project concepts into reality, while delivering high-quality, efficient solutions tailored to the unique challenges of District 08.

Sincerely,

  
Andrée F. Cortez, PE, PMP

**T. Baker Smith, LLC | Prime**

- ✓ Roadway Design
- ✓ Bridge Design
- ✓ Topographic Survey
- ✓ Construction Support

**Crescent Engineering & Mapping, LLC**

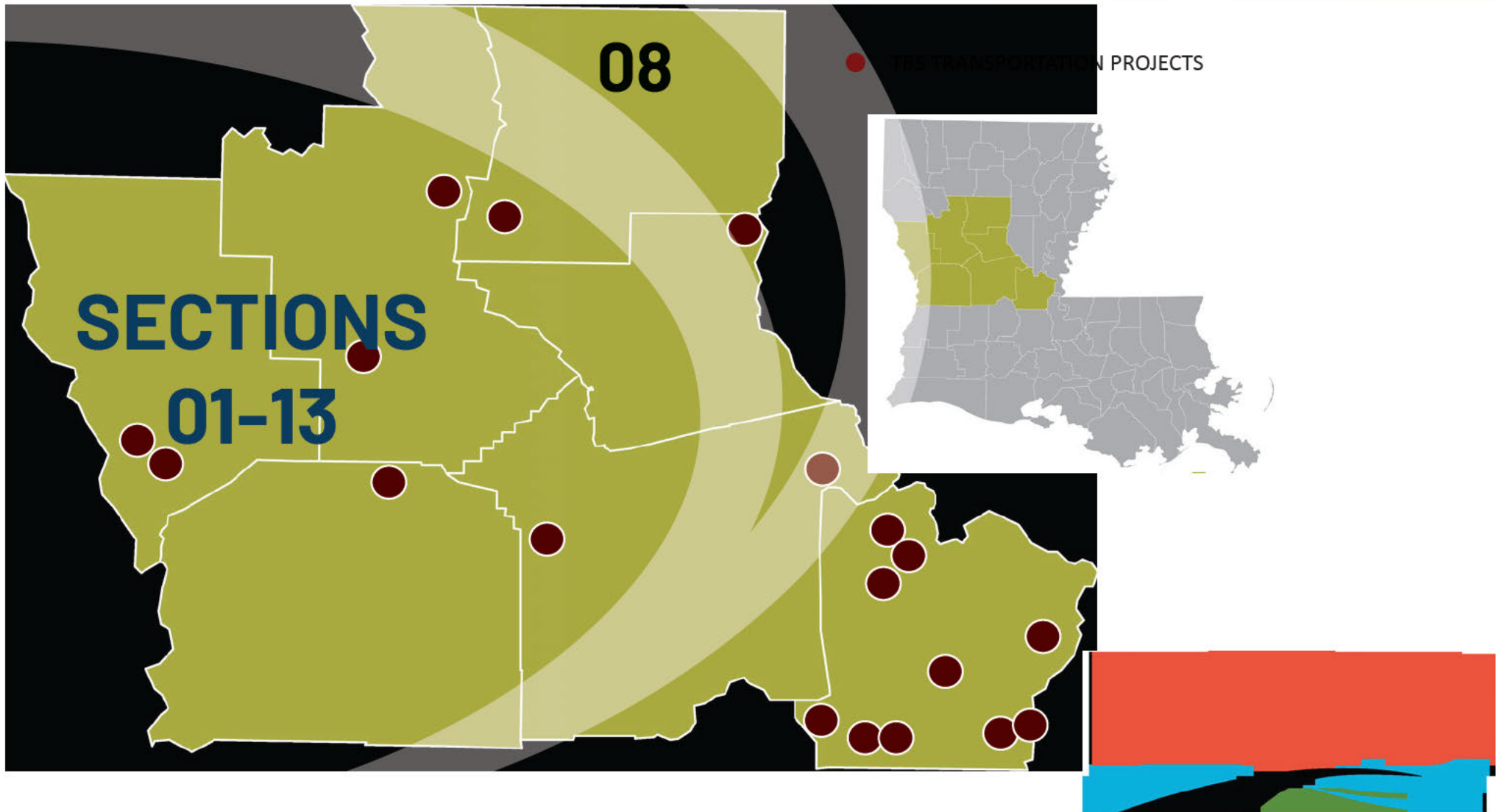
- ✓ Roadway Design
- ✓ Bridge Design
- ✓ Topographic Survey

**Vectura Consulting Services, LLC**

- ✓ Traffic

**APS Engineering and Testing, LLC**

- ✓ Geotechnical Engineering



# DOTD FORM: 24-102

(Revised September 17, 2024)

## 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.)

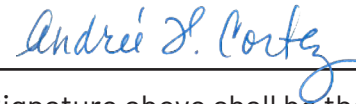
1. Contract title as shown in the advertisement	<b>IDIQ Contract for Design Services Statewide with Majority of Work in District 08</b>
2. Contract number(s) as shown in the advertisement	4400030072
3. State Project Number(s), if shown in the advertisement	
4. Prime consultant name ( <b>name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20</b> )	<b>T. BAKER SMITH, LLC</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)	Engineering: EF-0003388   Surveying: VF-0000551
6. Prime consultant mailing address	107 Global Circle, Suite 100 Lafayette, LA 70503
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	107 Global Circle, Suite 100 Lafayette, LA 70503
8. Name, title, phone number, and email address of prime consultant's contract point of contact	<b>Kenny Belou, PE   Lead Professional, Transportation</b> 504.608.2612   kenny.belou@tbsmith.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	<b>Andrée F. Cortez, PE, PMP   Chief Operations Officer</b> 985.493.2938   andree.cortez@tbsmith.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.

**Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.**

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.



Signature above shall be the same person listed in Section 9:

October 17, 2024

Date:




Firm:  
APS Engineering and Testing, LLC  
Vectura Consulting Services, LLC

Firm's %:  
5%  
5%



## 12. Past Performance Evaluation Discipline Table

Past Performance Evaluation Discipline(s)	% of Overall Contract	T. Baker Smith, LLC (Prime)	Crescent Engineering & Mapping, LLC (Subconsultant)	Vectura Consulting Services, LLC (Subconsultant)	APS Engineering and Testing, LLC (Subconsultant)	Each Discipline must total 100%
Road	65.0%	62.0%	38.0%	0.0%	0.0%	100.0%
Bridge	10.0%	62.0%	38.0%	0.0%	0.0%	100.0%
Survey	15.0%	62.0%	38.0%	0.0%	0.0%	100.0%
Traffic	5.0%	0.0%	0.0%	100.0%	0.0%	100.0%
Geotech	5.0%	0.0%	0.0%	0.0%	100.0%	100.0%
Identify the percentage of work for the <b>overall contract</b> to be performed by the prime consultant and each sub-consultant.						
Percent of Contract	100.0%	55.8%	34.2%	5.0%	5.0%	

### 13. Firm Size

Firm name	DOTD Job Classification	Number of personnel <u>committed</u> to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
	Principal	1	2
	Supervisor - Eng	2	5
	Engineer	4	10
	Engineer Intern	3	3
	Senior Technician	2	4
	Technician	2	6
	Surveyor	2	6
	Party Chief	3	10
	Clerical	1	3
	Supervisor - Eng	1	1
	Engineer	3	5
	Senior Technician	2	2
	Surveyor	1	1
	Party Chief	1	2
	Instrument Man	1	2
	Engineer Intern	1	1
	Clerical	0	1
	Supervisor - Eng	2	2
	Engineer	3	3
	Engineer Intern	0	2
	Senior Technician	0	2

### 13. Firm Size

Firm name	DOTD Job Classification	Number of personnel <u>committed</u> to this con- tract	Total number of personnel available in this DOTD Job Classification (if needed)
	Supervisor - Other	0	1
	Technician	0	1
	Clerical	0	1
	Engineer	3	3
	Engineer Intern	2	2
	Engineering - Aide	1	1
	Driller	8	8
	Technician	12	12
	Inspector	5	5
	Clerical	1	1



**LA 3241: LA 435 to LA 40 / LA 41**  
**S.P. No. H.004113**  
Designed by T. Baker Smith, LLC

# SECTIONS 14 – 16



## 14. Organizational Chart

### KEY:

T. Baker Smith, LLC

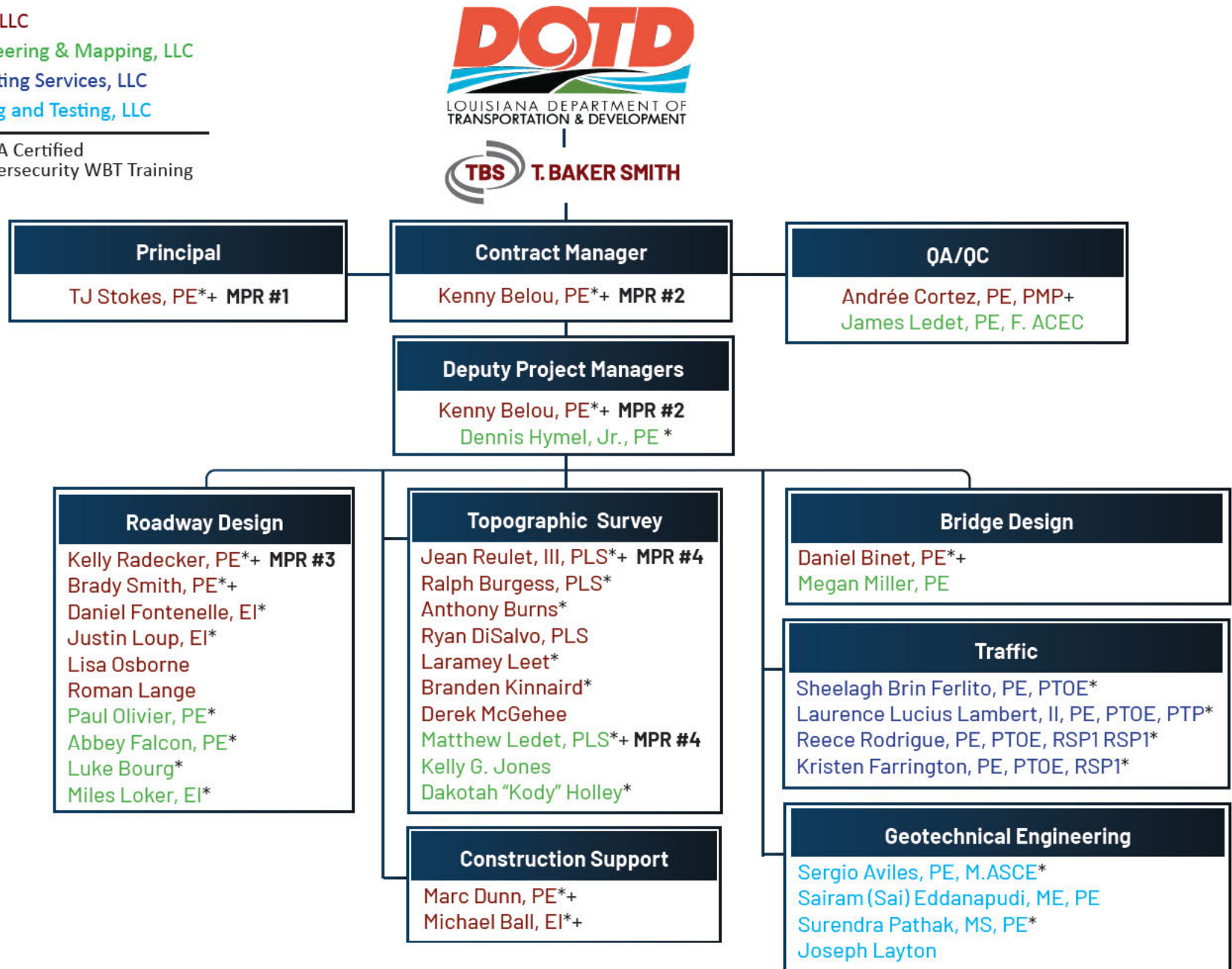
Crescent Engineering & Mapping, LLC

Vectura Consulting Services, LLC

APS Engineering and Testing, LLC



\* TCS/TCT ATSSA Certified

+ CPTP SCS Cybersecurity WBT Training





## 15. Minimum Personnel Requirements

MPR No.	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/certification & number (Ex: PE # - Civil)	State of	License / certification expiration date
1	TJ Stokes, PE		Professional Industrial Engineer PE.40079	LA	03.31.2026
2	Kenny Belou, PE		Professional Civil Engineer PE.38850	LA	09.30.2026
3	Kelly Radecker, PE		Professional Civil Engineer PE.43919	LA	03.31.2026
4	Jean Reulet, III, PLS		Professional Land Surveyor PLS.5145	LA	03.31.2026
	Matthew J. Ledet, PLS		Professional Land Surveyor PLS.5104	LA	09.30.2026

## 16. Staff Experience



Firm employed by: **T. Baker Smith, LLC**

Name	<b>TJ Stokes, PE</b>	Years of relevant experience with this employer	4
Title	<b>Practice Leader, Transportation</b>	Years of relevant experience with other employer(s)	12

Degree(s) / Years / Specialization	Bachelor of Science / 2009 / Industrial Engineering		
Active registration number / state / expiration date	PE.40079 / Louisiana / 03.31.2026		
Year registered	2015	Discipline	Industrial Engineering
Contract role(s) / brief description of responsibilities	<b>Principal</b>   TJ will oversee all aspects of task orders for LADOTD as Principal and satisfies <b>MPR #1</b> .		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		

TJ Stokes, PE leverages 16 years of experience providing engineering services in the transportation industry. As practice leader, he composes and manages integrated project teams to ensure transportation clients' needs are met and exceeded. **TJ gained his knowledge of LADOTD procedures during his tenure in the Road Design Section** and utilizes this information to help coordinate and communicate between the multiple disciplines required to produce the highest quality of deliverable. Through his successful management of numerous SUE projects throughout his career, he was able gain thorough knowledge of topographic surveys and the LADOTD survey standards. TJ employs this first hand experience with SUE, surveying, and engineering design to ensure proper coordination of staff and resources. He also has extensive experience managing and overseeing utility coordination and design projects. TJ maintains the ATSSA Traffic Control Supervisor (TCS) and Technician (TCT) certifications, and has completed the CPTP SCS Cybersecurity WBT training.

10/22 - Ongoing	<b>Contract 44-17598, Contract 44-19336, Rural Bridge Replacement Initiative, Ph I and Ph II (87 bridge structures); LADOTD; Districts 04, 05, 08, 58</b> - Principal/Practice Leader. The scope for phases I and I included the replacement of 87 bridges throughout fourteen Parishes in Northern Louisiana. The bridge lengths ranged from 20' to 340'. TJ leads the coordination effort with the engineering, environmental, and survey discipline leaders to ensure effective project delivery. <b>(Location: LADOTD District 08)</b>
05/23 - Ongoing	<b>District 08: IIJA Off-System Bridge Replacement Program; LADOTD; Central LA</b> – Principal/Practice Leader. This project included the replacement of 12 Off System Bridges and their adjacent roadways throughout central Louisiana. The existing bridge lengths range from 40' to 135' and the sites include cross drains, box culverts, and RC slab span bridges. TJ coordinates with the engineering, environmental, and survey discipline leaders to ensure effective project delivery. <b>(Location: LADOTD District 08)</b>
12/23 - Ongoing	<b>S.P. No. H.015555, LA 1077 &amp; Brewster Rd Roundabout; LADOTD / St. Tammany Parish; Madisonville, LA</b> – Principal/Practice Leader. Responsible for ensuring multi-disciplinary quality management plans and overall quality of work for LADOTD and St. Tammany Parish for the roundabout located at the intersection of LA 1077 and Brewster Road. TJ leads communication efforts with St. Tammany Parish and coordinates with the engineering and survey discipline leaders to ensure project delivery.



## 16. Staff Experience: TJ Stokes, PE | T. Baker Smith, LLC - continued

05/24 - Ongoing	<b>23-EN-HC-0029, Highland Road at Pecue Lane; City of Baton Rouge and Parish of East Baton Rouge; East Baton Rouge Parish, LA</b> — Principal/Practice Leader. Responsible for ensuring quality management plans, and quality of work across engineering design, surveying, and environmental disciplines for this multi-discipline project. Project scope includes the analysis of the existing 2-way stop condition intersection and construction plan development for intersection improvements. TJ is accountable for the development of Project Management Plan and Work Plan submitted to the client.
11/23 - Ongoing	<b>S.P. No. H.015576, LA 447 &amp; LA 1025: Roundabout; LADOTD; Livingston Parish, LA</b> — Principal/Practice Leader. TJ coordinates between engineering design and surveying leaders and is responsible for the management of task order execution for this Urban Roundabout project located in Livingston Parish. Project scope includes the surveying and engineering design of a single-lane roundabout at the existing stop-controlled intersection.
05/21 - 03/24	<b>S.P. No. H.003931.5, Calcasieu River Bridge (HBI); LADOTD; Calcasieu Parish, LA</b> — Project Manager/Engineer of Record. Responsible for all Subsurface Utility Engineering and Utility Coordination. Oversaw all Quality Level B and Quality Level A SUE services and performed QA/QC on the topographic survey submitted to LADOTD to ensure compliance with ASCE 38-02. Reviewed all utility coordination procedures including conflict matrix and conflict plan creation.
11/21 - 02/22	<b>S.P. No. H.014670.5, LA 1270: LA 77 to End of Control Section; LADOTD; Iberville Parish, LA</b> — Contract administrator/Engineer of Record. Responsible for all Subsurface Utility Engineering Quality Level B services and performed QA/QC on the topographic survey performed by LADOTD to ensure compliance with ASCE 38-02. LADOTD Location and Survey field staff performed the topographic survey and we ensured a smooth working environment for data collection.
03/21 - 01/22	<b>Move Ascension, LA 44 &amp; Parker Roundabout, Subsurface Utility Engineering; Ascension Parish Government; Ascension Parish, LA</b> — Lead Professional. Provided Subsurface Utility Engineering for the LA 44 & Parker Roundabout as part of the Move Ascension Program. Quality Level B services were provided throughout the project limits to determine the horizontal location of utilities to assist with the roadway design. Quality Level A test holes were also provided to provide vertical information where utilities would conflict with roadway or drainage design.
02/22 - 05/22	<b>Move Ascension Parker Road and LA 929 Widening; Ascension Parish Government; Ascension Parish, LA</b> — Lead Professional. Provided Subsurface Utility Engineering for the Parker Road and LA 929 Widening project as part of the Move Ascension Program. Quality Level B services were provided throughout the project limits to determine the horizontal location of utilities to assist with the roadway design. Quality Level A test holes were also provided to provide vertical information where utilities would conflict with roadway or drainage design.

## 16. Staff Experience



Firm employed by: **T. Baker Smith, LLC**

Name **Kenny Belou, PE**

Years of relevant experience with this employer

2

Title **Lead Professional, Transportation**

Years of relevant experience with other employer(s)

17

Degree(s) / Years / Specialization

Bachelor of Science / 2009 / Civil Engineering

Active registration number / state / expiration date

PE.38850 / Louisiana / 09.30.2026

Year registered

2014

Discipline

Civil Engineering

Contract role(s) / brief description of responsibilities

**Contract manager and Deputy Project Manager** / Kenny will manage the overall project for LADOTD and satisfies **MPR #2**.

Experience dates  
(mm/yy-mm/yy)

Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).

Kenny Belou, PE is TBS' lead professional for our transportation practice. His duties include overseeing engineering execution for transportation related projects including design activities, report preparation, construction documents, construction administration, and client satisfaction. He has designed projects in accordance with LADOTD's Road Design Manual, Complete Streets Manual, Hydraulics Manual, Bridge Manual, AASHTO's Geometric Design of Highways and Streets, and the LADOTD Standards and Specifications for Roads and Bridges. Kenny also has experience delivering projects through alternative delivery methods including CMAR. Kenny maintains the ATSSA Traffic Control Supervisor (TCS) and Traffic Control Technician (TCT) certifications, and has completed the CPTP SCS Cybersecurity WBT training.

10/22 - Ongoing

**District 08: IJA Off-System Bridge Replacement Program; LADOTD; Central LA** – Supervisor Engineer. This project included the replacement of 12 Off System Bridges and their adjacent roadways throughout central Louisiana. The existing bridge lengths range from 40' to 135' and the sites include cross drains, box culverts, and RC slab span bridges. Kenny is the overall project manager and supervisor engineer, responsible for complete contract and schedule execution. He is also responsible for quality control of all design elements including bridge, roadway, and hydraulic design. He works in constant coordination with internal task managers, the LADOTD project manager, District & Area engineers, and sub-consultants to ensure on time and complete deliverables. **(Location: LADOTD District 08)**

10/22 - 04/23

**S.P. No. H.013116, LA 20 Widen: LA 307 – S. Vacherie; LADOTD; St. James & Lafourche Parishes, LA** – Engineer of Record (Road) and Project Manager. Kenny was responsible for the asymmetrical widening of 2.7 miles of LA 20 to add 8' shoulders near Vacherie, LA. Project scope included horizontal and vertical geometry, drainage design (subsurface and open ditch), cross section roadway elements, and permanent signing and pavement markings. Provided quality control review of entire plan set ensuring compliance with LADOTD standards and coordination with in-construction state project located within the project limits. Coordinated with LADOTD project manager, LADOTD pavement design section, LADOTD hydraulic section, and subconsultants to ensure project delivery meeting all necessary standards and coordinated with adjacent project. Oversaw the design of required utility relocations required for the roadway project along the corridor as a separate project let through St. James Parish.

## 16. Staff Experience: Kenny Belou, PE | T. Baker Smith, LLC - continued

10/22 - Ongoing	<b>Contract 44-17598, Contract 44-19336, Rural Bridge Replacement Initiative, Ph I and Ph II (87 bridge structures); LADOTD; Districts 04, 05, 08, 58</b> - Overall Project Manager. The scope for phases I and I included the replacement of 87 bridges throughout fourteen Parishes in Northern Louisiana. The bridge lengths ranged from 20' to 340'. Kenny is responsible for construction support for Phase I bridge projects and responsible for contract execution for Phase II. He is also responsible for quality control of all design elements including roadway design, hydraulic design, and bridge design. He works in constant coordination with internal task managers, the LADOTD project manager, and subconsultants for this fast-paced project. <b>(Location: LADOTD District 08)</b>
11/23 - Ongoing	<b>S.P. No. H.015576, LA 447 &amp; LA 1025: Roundabout; LADOTD; Livingston Parish, LA</b> - Supervisor Engineer/Project Manager. Kenny is the supervisor engineer and project manager for this roundabout project in Livingston Parish, issued as a task order through TBS's master contract for LADOTD Roadway Design Services IDIQ. He is responsible for the quality assurance, quality control, and project delivery for this urban single lane roundabout. 100% Preliminary Plans are on schedule to be delivered to LADOTD in October 2024.
10/22 - 03/23	<b>S.P. No. H.011152, I-12: US 190 to LA 59; LADOTD; St. Tammany Parish, LA</b> - Project Manager. Kenny was responsible for the construction administration and construction support, including responding to RFI's, contractor questions, and submittals. He was responsible for the development of a revised permanent pavement marking plan to tie in to the adjacent I-12 widening project. At the request of the LADOTD project manager, Kenny provided a quality control review of the adjacent project's Pavement Marking Plans and provided comments on necessary revisions to meet current LADOTD standards. The accelerated schedule for this project required constant communication and collaboration to complete construction support tasks.
01/23 - 04/24	<b>S.P. No. H.004113, I-12 to Bush: LA 3241: LA 435 to LA 40/41; LADOTD; St. Tammany Parish, LA</b> - Project Manager. The project scope included the design and construction of approximately 5.5 miles of roadway on virgin terrain consisting of four lanes with inside and outside shoulders and a depressed median. The project also included the coordination of design and construction of a 500' bridge over Talisheek Creek. Kenny served as Project Manager through Construction Support. He coordinated with LADOTD Construction to respond to RFI's and contractor questions related to roadway and bridge construction.
10/22 - 12/22	<b>S.P. No. H.012812, US 190 at Northshore and Camp Villere; LADOTD; St. Tammany Parish, LA</b> - Project Manager. Kenny was responsible for quality control review on plans, design criteria and project calculations for the multi lane roundabout at the intersection of US 190 and Northshore Blvd and a single lane roundabout at the intersection of US 190 and Camp Villere Rd. Responsible for the coordination with subconsultants and LADOTD on the project deliverables. Kenny developed construction sequencing for the complex drainage work and road work required to maintain traffic through the intersection of US 190 and Northshore Blvd.
12/22 - 07/24	<b>MA-18-12, Hwy 930 Widening (LA 42 to Causey Road); Ascension Parish Government; Ascension Parish, LA</b> - Supervisor Engineer. Kenny was the supervisor engineer for the 1.6 mile roadway reconstruction project in Ascension Parish. He oversaw the redesign of the project's open ditch and subsurface drainage system which was previously designed by LADOTD (H.003790) prior to the road transfer to Ascension Parish. The drainage redesign mitigated conflicts with a major water transmission line located throughout the project length which was identified during utility coordination between Ascension Parish and Baton Rouge Water Company. Following the review and approval of the drainage redesign, he was responsible for the quality assurance, quality control and project delivery for the local urban collector roadway project. The project and project delivery follow all LADOTD design guidelines and milestones. Final Plans were to be delivered to the Parish in mid-2024 ahead of the schedule for the expected 2025 letting and construction.

## 16. Staff Experience



Firm employed by: **T. Baker Smith, LLC**

Name **Andrée Cortez, PE, PMP**

Years of relevant experience with this employer

13

Title **Chief Operations Officer**

Years of relevant experience with other employer(s)

12

Degree(s) / Years / Specialization

Bachelor of Science / 1999 / Civil Engineering

Active registration number / state / expiration date

PE.31523 / Louisiana / 03.31.2025

Year registered

2004

Discipline

Civil Engineering

Contract role(s) / brief description of responsibilities

**Quality Assurance/Quality Control** / Andrée will provide QA/QC expertise and coordination between disciplines.

Experience dates  
(mm/yy-mm/yy)

Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).

Andrée Cortez, PE, PMP is Chief Operations Officer at TBS with over 25 years of experience in civil and structural engineering design, project management, and executive leadership. Andrée's project management and design experience encompasses all areas of public works, including the design of roadways and bridges, levees, drainage and flood protection systems, steel structures, concrete foundations, and utilities. Today, Andrée manages the daily business activities of the operations sector of the firm and uses her expertise to consult and provide quality control on larger projects. Andrée holds the Project Management Professional (PMP # 2591855) certification. She has also completed the DOTD Local Public Agency Qualification Core Training, ACEC Business of Design Consulting, and CPTP SCS Cybersecurity WBT training.

10/22 - Ongoing

**IIJA Off-System Bridge Replacement District 08 (Multiple S.P. Nos.); LADOTD; LADOTD District 08** – Principal in Charge, QA/QC Lead. Andrée is the QA/QC Lead for all the District 08 IIJA Off-System Bridge Replacement Project. She has provided oversight for QA/QC of all civil scope and engineering tasks. Andrée is responsible for overseeing engineering staffing and inter-discipline coordination for the survey, environmental, and engineering groups. **(Location: LADOTD District 08)**

08/20 - Ongoing

**Contract 44-17598, Contract 44-19336, Rural Bridge Replacement Initiative, Ph I and Ph II (87 bridge structures); LADOTD; Districts 04, 05, 08, 58** – Principal in Charge, QA/ QC Lead. Andrée is the QA/QC Lead for all TBS transportation projects. She has provided oversight for QA/QC of all civil scope and engineering tasks. She coordinates with staff on engineering and design, topographic, bathymetric, and boundary surveying, channel alignment analysis, and construction documents. Andrée provides direct supervision of roadway and bridge design for these projects.

09/14 - 08/16

**S.P. No. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41); LADOTD; St. Tammany Parish, LA** – Principal in Charge. Supervising engineer for preliminary and final roadway design including H&V alignments, drainage, and R-Cut and median U-turns for a new, 5.5 mile, 4-lane, divided median, Rural Arterial Roadway from LA 435 to LA 40/41 near Bush, LA. Also provided Quality Control of the 100% Final Plan Submittal and reviewed the Final Cost Estimate and Calculations Book.



## 16. Staff Experience: Andrée Cortez, PE, PMP | T. Baker Smith, LLC – continued

11/23 – Ongoing	<b>S.P. No. H.015576, LA 447 &amp; LA 1025: Roundabout; LADOTD; Livingston Parish, LA</b> – Principal in Charge, QA/ QC Lead. Andrée is the QA/QC Lead for all the Task Orders associated with the LADOTD Roadway Design Services Statewide IDIQ, including the LA 447 & LA 1025 Roundabout. She oversees the QA/QC procedures and processes and project staffing for this multi-disciplinary project (survey and design).
07/24 – Ongoing	<b>23-EN-HC-0029, Highland Road at Pecue Lane; City of Baton Rouge, East Baton Rouge Parish, LA</b> – Principal in Charge, QA/ QC Lead. Andrée is the QA/QC Lead for the Highland Road at Pecue Lane Roundabout project. She ensures implementation of the internal quality assurance procedures to ensure successful project delivery to East Baton Rouge City-Parish for this MOVEBR project. Andree provides oversight for project staffing across three disciplines and coordinates contract executions between other sub consultants.
02/17 – 03/23	<b>S.P. No. H.011152, I-12: US 190 to LA 59; LADOTD; St. Tammany Parish, LA</b> – Principal In Charge. Andrée oversaw all bridge design tasks for the widening of I-12 bridges over the Tammany Trace. Andrée oversaw bridge plan production including partial demolition plans and construction phasing for the four-mile Interstate widening project.
03/17 – 04/23	<b>S.P. No. H.013116, LA 20 Widen: LA 307 – S. Vacherie; LADOTD; St. James &amp; Lafourche Parishes, LA</b> – Principal in Charge. Supervised all bridge and roadway design tasks for the widening of LA 20 which included the split-phase construction sequencing plans. Andree supervised and provided QA/QC for superstructure and substructure design, construction phasing plans and details, foundation plans, and roadway plans.
02/20 – 12/22	<b>S.P. No. H.012812, US 190 at Northshore and Camp Villere; LADOTD; St. Tammany Parish, LA</b> – Principal in Charge, QA/QC Lead. Andrée coordinated and managed the project team. She provided project oversight and QA/QC for deliverables for all project tasks to ensure client satisfaction.

## 16. Staff Experience



Firm employed by: **T. Baker Smith, LLC**

Name **Kelly Radecker, PE**

Years of relevant experience with this employer

5

Title **Lead Transportation Engineer, Roads**

Years of relevant experience with other employer(s)

5

Degree(s) / Years / Specialization

Bachelor of Science / 2014 / Civil Engineering

Active registration number / state / expiration date

PE.43919 / Louisiana / 03.31.2026

Year registered

2019

Discipline

Civil Engineering

Contract role(s) / brief description of responsibilities

**Lead Engineer - Roadway Design** / Kelly will manage all aspects of the Roadway Design and satisfies **MPR #3**.

Experience dates  
(mm/yy-mm/yy)

Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).

Kelly Radecker, PE is the Lead Roadway Engineer for our Transportation Engineering team. Kelly will serve as the overall road design lead for T. Baker Smith. Prior to joining T. Baker Smith, **Kelly gained valuable transportation experience while employed by LADOTD**. Kelly is notably experienced in design of roadway widening, roundabouts, drainage, and bridge replacement and reconstruction in accordance with LADOTD's Roadway Design Procedures and Details Manual, LADOTD's Hydraulics Manual, and DOTD plan preparation guidelines. She is very familiar with AASHTO standards and guidelines. Her experience has included project/task management, development of horizontal and vertical geometrics, typical sections, roadway drainage calculations, earthwork design, construction sequencing, Engineering Reasoning and Decision Document for signing plans, development of quantities, and construction cost estimates. She is skilled in development of roadway models and design, hydraulic analysis, and sign design utilizing MicroStation, InRoads, AutoTURN, Torus, HYDRWIN, GeoHECRAS, and SignCAD. She has completed Cybersecurity WBT training and holds the ATSSA Traffic Control Supervisor (TCS) certification.

11/23 - Ongoing

**S.P. No. H.015576, LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA** – Engineer of Record. Kelly is the Lead Roadway Engineer for the design and plan preparation of an urban single lane roundabout at the intersection of LA 447 and LA 1025. She was responsible for the job planning, including preliminary schematic layouts and defining the project limits. She is responsible for the design of several roadway elements including the H&V alignments, roundabout geometrics, AutoTURN movements, typical sections, sequence of construction, pay item compilation and quantity take-offs. Kelly is responsible for creating design report forms as well as assisting in coordinating the environmental process including the creation of exhibits to be utilized at Public Meetings.

08/20 - Ongoing Ph I  
05/21 - Ongoing Ph II

**Contract 44-17598, Contract 44-19336, Rural Bridge Replacement Initiative, Ph I and Ph II (87 bridge structures); LADOTD; Districts 04, 05, 08, 58** – Engineer of Record. Kelly is the Lead Engineer for the design and plan production of 19 bridge replacements (5 state projects) throughout Central and North Louisiana. Prior to design, she conducted project site visits, compiled survey field packs and survey request forms, and reviewed topographic survey deliverables. Kelly is responsible for the development of all road and bridge design elements including H&V alignments, bridge hydraulic design, roadway cross sectional elements, guardrail calculations, geometrical layouts, summary sheets and cost estimates. Kelly reviewed and

## 16. Staff Experience: Kelly Radecker, PE | T. Baker Smith, LLC - continued

	assisted in the submission of all environmental deliverables including wetland delineations. Kelly oversaw the development of all additional project documentation including Design Report Forms, Bridge and Hydraulic Design Criteria, Design Exceptions, and Design Waivers. <b>(Location: LADOTD District 08)</b>
12/19 - Ongoing	<b>S.P. No. H.014407, LA 621 at Roddy Rd; Ascension Parish Government; Ascension Parish, LA</b> – Engineer of Record. Kelly is the Lead Roadway Engineer for the design and plan preparation of an urban single lane roundabout at the intersection of LA 621 and Roddy Rd. She is responsible for the design of several roadway elements including the H&V alignments, roundabout geometrics, AutoTURN movements, drainage design, typical sections, sequence of construction, pay item compilation and quantity take-offs. Kelly created design report forms and cost estimates as well as assisted in coordinating the environmental process including the creation of exhibits to be utilized at Public Meetings. She also coordinated with subconsultants and provided quality control of design elements performed by the subconsultant including lighting plans.
01/16 - 05/19 *	<b>S.P. No. H.002424, LA 70: Sunshine Bridge - LA 22; LADOTD; St. James Parish, LA</b> – Project Engineer. Kelly provided design and plan preparation assistance for the development of plans for the widening of LA 70 from the Sunshine Bridge to LA 22 from 2 lanes to 4 lanes divided for about 4 miles. Kelly also provided engineering design for median openings and J-turns throughout the project corridor.
05/19 - 06/21	<b>S.P. No. H.004113, I-12 to Bush; LA 3241: LA 435 to LA 40/41; LADOTD; St. Tammany Parish, LA</b> – Project Engineer. The project scope included the design and construction of approximately 5.5 miles of roadway on virgin terrain consisting of four lanes with inside and outside shoulders and a depressed median. The project also included the coordination of design and construction of a 500' bridge over Talisheek Creek. Kelly provided design support for roadway design and plan production, as well as performed quality control of inroads modeling, provided assistance in quantity take-off calculations, reviewed roadway design plan sheets including Typical Section, Plan & Profile Sheets, and Geometric Layout Sheets, and reviewed permanent signing layout plans (including development of non-standard signs using SignCAD). She also drafted design exceptions and waivers and responded to comments from LADOTD on plan production, as well as performed quality control of R/W Maps to ensure concurrence with Construction Plans.
10/22 - Ongoing	<b>District 08: IJJA Off-System Bridge Replacement Program; LADOTD; Central LA</b> – Engineer of Record. Kelly is the Lead Roadway Engineer for the design and plan preparation of three Off System Bridge Replacements throughout central Louisiana. Kelly is responsible for developing roadway and bridge geometrics including H&V alignment, cross sectional elements, drainage design and analysis. She oversees Inroads modeling, quantity calculations, and bridge layouts. Kelly is also providing quality control of all design and plan elements. <b>(Location: LADOTD District 08)</b>
02/20 - 12/22	<b>S.P. No. H.012812, US 190 at Northshore and Camp Villere; LADOTD; St. Tammany Parish, LA</b> – Engineer of Record. Kelly was the Lead Roadway Engineer for the design and plan preparation of an urban multi-lane roundabout at the intersection of US 190 and Northshore Blvd. and an urban single lane roundabout at the intersection of US 190 and Camp Villere. She was responsible for the design of several roadway elements including the H&V alignments, roundabout geometrics, AutoTURN movements, drainage design, typical sections, sequence of construction, pay item compilation, and quantity take-offs. Kelly created design report forms and cost estimates as well as assisted in coordinating the environmental process including the creation of exhibits to be utilized at Public Meetings. She also coordinated with subconsultants and provided quality control of design elements performed by the subconsultant including temporary traffic signal design and roadway striping and signing sheets.

\* previous employer

## 16. Staff Experience



Firm employed by: **T. Baker Smith, LLC**

Name	<b>Brady Smith, PE</b>	Years of relevant experience with this employer	3
Title	<b>Project Manager, Transportation</b>	Years of relevant experience with other employer(s)	6

Degree(s) / Years / Specialization	Bachelor of Science / 2016 / Civil Engineering		
Active registration number / state / expiration date	PE.45362 / Louisiana / 09.30.2025		
Year registered	2021	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	<b>Engineer - Roadway Design</b> / Brady will serve as a Road Design Engineer for the project.		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		

Brady Smith, PE serves as a project manager for projects that include roadway design, bridge replacements, hydrologic and hydraulic analysis, and drainage design. **Brady gained valuable transportation experience while employed by LADOTD.** He has experience in a wide variety of LADOTD projects including bridge replacements, bridge inspections, bridge load ratings, roundabouts, interstate ramps, and roadway widening. Brady is experienced in AASHTO and LADOTD's Geometric Design Guidelines as well as Bentley InRoads, MicroStation, AutoTURN, Torus, GeoHECRAS, and LADOTD's HYDRWIN programs. Brady has completed CPTP SCS Cybersecurity WBT training as required by LADOTD and is a certified ATSSA Traffic Control Supervisor (TCS).

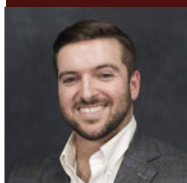
10/22 – Ongoing	<b>IIJA Off-System Bridge Replacement Program; Contract No. 44-25027; LADOTD; Statewide</b> – Project Manager/Engineer of Record. Brady is responsible for developing the project schedule, drafting subconsultant contracts, manhour estimation, site visits & reconnaissance, coordination with LADOTD and Parish personnel, coordination with topographic surveyor, hydraulic subconsultant, and geotechnical consultants. Brady is also the lead engineer for the design and plan production of 5 bridge replacements (3 state projects). He is responsible for the development of all road and bridge design elements including H&V alignments, bridge hydraulic design, roadway cross sectional elements, guardrail calculations, geometric layouts, and cost estimates. Brady also oversees the development of all additional project documentation including Design Report Forms, Bridge and Hydraulic Design Criteria, Design Exceptions and Design Waivers. <b>(Location: LADOTD District 08)</b>
03/23 – 07/23	<b>S.P. No. H.013116, LA 20 Widen: LA 307 – S. Vacherie; LADOTD; St. James &amp; Lafourche Parishes, LA</b> – Project Engineer. Brady was responsible for managing the final QA/QC review and implementation of review comments of the construction plans for the asymmetrical widening of 2.7 miles of LA 20 to add 8' shoulders near Vacherie, LA. Project scope included horizontal and vertical geometry, drainage design (subsurface and open ditch), cross section roadway elements, and permanent signing and pavement markings.
02/22 – Ongoing	<b>Contract 44-19336, Rural Bridge Replacement Initiative, Ph II (40 bridge structures); LADOTD; Districts 04 &amp; 05</b> – Engineer of Record. Lead engineer for the design and plan production of 13 bridge replacements (6 state projects) throughout North Louisiana. Responsible for the development of all road and bridge design elements including H&V alignments, bridge hydraulic



## 16. Staff Experience: Brady Smith, PE | T. Baker Smith, LLC – continued

	design, roadway cross sectional elements, guardrail calculations, geometric layouts, and cost estimates. Brady is also responsible for the load rating analysis and report for 6 of the proposed structures and quality control for the other 7 proposed structures. Brady is responsible for reviewing and assisting in the submission of all Environmental deliverables including Wetland Delineations. Brady also oversees the development of all additional project documentation including Design Report Forms, Bridge and Hydraulic Design Criteria, Design Exceptions and Design Waivers. <b>(Location: LADOTD District 08)</b>
07/24 - Ongoing	<b>23-EN-HC-0029; Highland Road at Pecue Lane; City of Baton Rouge, East Baton Rouge Parish, LA</b> – Project Manager/Engineer of Record. Brady is responsible for developing the project schedule, drafting subconsultant contracts, manhour estimation, and coordination with various project stakeholders, which include the City Parish's Project Management Team, subconsultants, survey team, and environmental team. Brady has managed the development of the Design Study, which includes a Traffic Design Report, Preliminary Environmental Study, Existing Drainage Map and Existing Right-of-Way Maps. Once an NTP is issued for Final Design, Brady will be the Engineer of Record and responsible for the design and plan production for the proposed roundabout at the intersection of Highland Road and Pecue Lane in Baton Rouge, LA.
04/17 – 02/19 *	<b>S.P. No. H.010124, LA-16: Roundabout @ LA-447; LADOTD; Livingston Parish, LA</b> – Engineer Intern. Brady was responsible for roadway full-sized plan preparation, subsurface drainage design, curb and gutter drainage design, roundabout geometric design, construction phasing, temporary traffic control, required right of way determination and cost estimation.
08/17 – 02/19 *	<b>LA-1042 Bridges Near Greensburg; LADOTD; St. Helena Parish, LA</b> – Project Engineer. Responsible for roadway full-sized plan preparation, bridge approach geometric design, diversion road geometric design, construction phasing, temporary traffic control, required right of way determination and cost estimation. Scope includes replacing three treated timber trestle bridges along LA-1042 with two reinforced concrete box culverts and one slab span bridge. Diversion roads are required at all three sites for traffic maintenance during construction.
11/19 – 11/21	<b>Lake Pontchartrain Causeway Safety Bay Improvements CE&amp;I; Greater New Orleans Expressway Commission; Jefferson &amp; St. Tammany Parishes, LA</b> – Engineer Intern. Brady's responsibilities included providing construction engineering and inspection services required during the safety bay improvement project for the fabrication of pre-stressed piles and girders, caps and decks as well as all other construction activities including field monitoring, documentation, preparation of daily reports, participation in construction progress meetings, and construction close-out.
10/23 - Ongoing	<b>S.P. No. H.012864, Carmel Drive Sidewalks; Lafayette Consolidated Government; Lafayette Parish, LA</b> – Project Manager/Engineer of Record. Brady is responsible for the design and plan production of 0.7 miles of ADA compliant sidewalks on each side of LA 94 (Carmel Drive) in Lafayette, Louisiana. He is responsible for the development of all design elements including H&V alignments, drainage, sidewalk cross sectional elements, and cost estimates.
* previous employer	

## 16. Staff Experience



Firm employed by: **T. Baker Smith, LLC**

Name	<b>Daniel Binet, PE</b>	Years of relevant experience with this employer	11
Title	<b>Lead Transportation Engineer, Bridges</b>	Years of relevant experience with other employer(s)	0

Degree(s) / Years / Specialization	Bachelor of Science / 2014 / Civil Engineering
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Active registration number / state / expiration date	PE.42997 / Louisiana / 03.31.2025
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Year registered	2018	Discipline	Civil Engineering
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Contract role(s) / brief description of responsibilities	<b>Engineer - Bridge Design</b> / Daniel will provide Bridge Design engineering for the project.
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Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
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Daniel Binet, PE is the Lead Engineer, Bridges at TBS with over 11 years of experience in civil and structural engineering. His experience includes project/task management, roadway design, urban and rural bridge replacement and rehabilitation design, bridge widening, bridge inspection, structural analysis, split phase construction sequencing, hydrologic/hydraulic analysis, construction support, and development of construction quantities and estimates. Daniel is very familiar with the AASHTO LRFD Bridge Design Specifications, AASHTO geometric and roadside design guides, LADOTD Bridge Design & Evaluation Manual, LADOTD plan preparation guidelines, and LRFR bridge rating procedures. He is also experienced in using AASHTO BrR, STAAD Pro V8i, LEAP CONSPAN structural analysis software, AutoCAD, MicroStation, InRoads and CADConform. Daniel is also a certified NBIS Bridge Inspection Team Leader, holds ATSSA Traffic Control Supervisor (TCS) certification, and has completed the CPTP SCS Cybersecurity WBT training.

10/22 - Ongoing	<b>S.P. No. H.015339, IIJA Off-System Bridge Replacement Program; LADOTD; District 08</b> – Engineer of Record/Project Manager. The overall project scope includes the replacement of 12 off-system bridges in Central Louisiana. Daniel is performing QC review of topographic surveys & serves as the EOR for bridge & road elements including hydraulic analysis, scour, horizontal/vertical alignments, bridge TS&L, structural design, & load rating for all structures including reinforced concrete slab spans & box culverts. <b>(Location: LADOTD District 08)</b>
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08/20 - Ongoing Ph I 05/21 - Ongoing Ph II	<b>Contract 44-17598, Contract 44-19336, Rural Bridge Replacement Initiative, Ph I and Ph II (87 bridge structures); LADOTD; Districts 04, 05, 08, 58</b> – Engineer of Record/Project Manager. The overall project scope for phases 1 & 2 included the replacement of 87 bridges throughout 14 Parishes in Louisiana under an expedited schedule. The bridge lengths ranged from 20' - 340'. As project manager, Daniel performed QC review of topographic surveys & served as the EOR for bridge & road elements including hydraulic analysis, scour, horizontal/vertical alignments, bridge TS&L, structural design, & load rating for all structures including LG-25 girders, RC slab spans, & box culverts. Daniel is also providing bridge and structural construction support for contractor submittals and requests for information. <b>(Location: LADOTD District 08)</b>
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09/15 - 03/23	<b>S.P. No. H.011152, I-12: US 190 to LA 59; LADOTD; St. Tammany Parish, LA</b> – Engineer of Record / Project Engineer. Daniel performed bridge design and plan preparation for the widening of Ponchitolawa Creek (EB & WB) and Tammany Trace (EB & WB) bridges utilizing AASHTO Type III prestressed girders and reinforced concrete slab spans with varying skew and span
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## 16. Staff Experience: Daniel Binet, PE | T. Baker Smith, LLC – continued

	lengths. The design was completed using LEAP CONSPAN, STAAD and AASHTO BrR for load rating. He managed production and produced plans and details for the widening which included partial bridge demolition, foundation plans, split phase construction sequencing, widened substructure and superstructure details, and quantity breakdowns. Additionally, he assisted with roadway design including geometrics and drainage. Once the plans were submitted, Daniel provided construction support for RFIs, shop drawing submittals, and general coordination.
09/18 – Ongoing	<b>S.P. No. H.001344, US 190: LA 437 to US 190 Bus (Ph 1); LADOTD; St. Tammany Parish, LA</b> – Engineer of Record/Project Engineer. This project serves to design and construct a new westbound bridge over the Bogue Falaya River in St. Tammany Parish, LA. The bridge features horizontal and vertical curvature with super-elevation near 4%. Adjacent roadway sections are also being improved and widened. Daniel performed bridge design tasks including a Bridge Alternative Study; developed Type, Size and Location (TS&L) plans for prestressed concrete (LG) girder spans and curved steel plate spans; and developed preliminary & final bridge plans for a column supported, 1,400' long bridge using LG 36 and LG 54 prestressed concrete girders. He produced foundation layouts, typical sections, general plan and elevation sheets, and structural details for the new bridge over the Bogue Falaya River as part of this Urban Arterial widening project. Daniel is also providing bridge and structural construction support.
03/16 – 04/23	<b>S.P. No. H.013116, LA 20 Widen: LA 307 – S. Vacherie; LADOTD; St. James &amp; Lafourche Parishes, LA</b> – Engineer of Record for Bridge Design/Project Engineer. Daniel served as an EOR for the asymmetrical widening of 2.7 miles of LA 20 near Vacherie, LA as a part of a rural arterial widening project. He performed all bridge replacement design tasks which included bridge replacement using split-phase construction methods, superstructure and substructure design using various programs including STADD ProV8i, prepared construction phasing details, foundation plans, and led overall bridge plan production efforts. Additionally, Daniel assisted with roadway widening tasks including sequencing and plan production.
03/18 – 03/19	<b>S.P. No. H.011670, I-10/Loyola Interchange Improvements; LADOTD; Jefferson Parish, LA</b> – Project Engineer. Assisted with the road and bridge design for the development of a 4-level stack interchange including urban roadway sections, utility conflict assessment, cost estimates, Line and Grade report, plan preparation, and public meeting assistance. Also assisted in the preliminary design of curved steel plate and prestressed concrete girder bridges.
04/18 – 06/19	<b>West 11th Avenue Bridge Replacement; City of Covington; Covington, LA</b> – Engineer of Record. Daniel performed all bridge design tasks for the replacement of an urban arterial multi-span reinforced concrete slab span bridge with attached utility conveyance. He completed superstructure and substructure design using various programs including STADD ProV8i, prepared structure details, foundation plans, and led overall bridge plan production. Additionally, Daniel assisted with approach roadway design and tasks including sequencing and plan production.
05/24 – Ongoing	<b>S.P. No. H.015576, LA 447 &amp; LA 1025: Roundabout; LADOTD; Livingston Parish, LA</b> – QAQC Reviewer. Daniel provided Quality Assurance and Quality Control for all plan sheets to ensure proper design guideline adherence and plan production standards. Daniel utilized T. Baker Smith's internal QAQC practices in accordance with those set forth by DOTD to review and finalize submittals, estimates, and design components.

## 16. Staff Experience



Firm employed by: **T. Baker Smith, LLC**

Name **Daniel Fontenelle, EI**

Years of relevant experience with this employer

3

Title **Engineer Intern, Transportation**

Years of relevant experience with other employer(s)

0

Degree(s) / Years / Specialization

Bachelor of Science / 2021 / Civil Engineering

Active registration number / state / expiration date

EI.34921 / Louisiana / 03.31.2026

Year registered

2021

Discipline

Civil Engineering Intern

Contract role(s) / brief description of responsibilities

**Engineer Intern - Roadway Design** / Daniel will serve as a Roadway Design Engineer Intern for the project.

Experience dates  
(mm/yy-mm/yy)

Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).

Daniel Fontenelle, EI has over three years of experience in civil engineering, with expertise in bridge design and bridge inspections by assisting in the plan production and design of over 80 bridge sites and inspection of over 40 bridges. He is proficient in MicroStation and utilizes GeoHECRAS, STAAD, BrR, LEAP Bridge programs. He also maintains the ATSSA Traffic Control Supervisor (TCS) and Traffic Control Technician (TCT) certifications.

05/23 - Ongoing

**IIJA Off-System Bridge Replacement District 08 (Multiple S.P. Nos.); LADOTD; LADOTD District 08** – Project Engineer. Daniel provides design and plan production for several sites of the twelve bridge replacements (9 state projects) throughout LADOTD District 08. In addition to the typical bridge design elements, Daniel also designs the H&V alignments, typical sections, roadway cross section elements, geometric layouts, and cost estimate preparation. He also drafts design exceptions for site specific limitations. Daniel performs hydraulic analysis including the calculation of peak discharge at the bridge structure. **(Location: LADOTD District 08)**

06/21 - Ongoing Ph I  
07/21 - Ongoing Ph II

**Contract 44-17598, Contract 44-19336, Rural Bridge Replacement Initiative, Ph I and Ph II (87 bridge structures); LADOTD; Districts 04, 05, 08, 58** – Project Engineer. Daniel is assisting in producing engineering drawings & plan sets, developing horizontal & vertical roadway alignments, reviewing engineering drawings, interpreting LADOTD standard plans, performing bridge calculations, designing rebar layouts, guard rail design, quantifying bridge & roadway elements, compiling & developing load rating reports, cost estimates, & attending plan-in-hand meetings with the client regarding the project's status and questions. He also utilized GEO-HECRAS to perform hydraulic & scour calculations. **(Location: LADOTD District 08)**

11/23 - Ongoing

**S.P. No. H.015576, LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA** – Project Engineer. Daniel serves as the project engineer for the design and plan preparation of an urban single lane roundabout at the intersection of LA 447 and LA 1025. He designs several roadway elements including the H&V alignments, roundabout geometrics, AutoTURN movements, typical sections, sequence of construction, pay item compilation and quantity take-offs. Daniel has also assisted in creating design report forms.



## 16. Staff Experience: Daniel Fontenelle, EI | T. Baker Smith, LLC - continued

07/21 – Ongoing	<b>S.P. No. H.014407, LA 621 at Roddy Rd; Ascension Parish Government; Ascension Parish, LA</b> – Project Engineer. Assisting by producing engineering drawings and plan sets, LADOTD standard plans, performing roadway calculations, design of drainage structures, performing quantity calculations, and assisting in the design of the sequence of construction.
07/21 – 04/23	<b>S.P. No. H.013116, LA 20 Widen: LA 307 – S. Vacherie; LADOTD; St. James &amp; Lafourche Parishes, LA</b> – Project Engineer. Daniel assisted in plan and detail development, quantifying bridge & roadway elements, & reviewing structural drawings.
07/21 – 03/23	<b>S.P. No. H.011152, I-12: US 190 to LA 59; LADOTD; St. Tammany Parish, LA</b> – Engineering Support. Provided construction support, including RFI, shop drawing, and submittal review, and assisted with striping design and layout plans.
07/21 – 12/22	<b>S.P. No. H.012812, US 190 at Northshore and Camp Villere; LADOTD; St. Tammany Parish, LA</b> – Project Engineer. Assisted by providing engineering support by producing engineering drawings and plan sets, reviewed engineering drawings, interpreted LADOTD standard plans, performed roadway calculations, design of drainage structures, and performed quantity calculations.
11/22 – Ongoing	<b>MA-17-01, Roddy Road Widening (LA 935 to LA 621); Ascension Parish Government; Ascension Parish, LA</b> – Project Engineer. Daniel is a project engineer for the 1.5 mile road widening project and bridge replacement project in Ascension Parish. Daniel provided design elements for this local urban collector road, including drainage design. Daniel also provided design support for the bridge replacement and bridge calculations. The project follows all LADOTD design guidelines and project milestones for project delivery. Plans are currently at 95% complete and TBS is preparing a 98% Final Plan set for Ascension Parish review.
11/21 – 11/22	<b>Tammany Trace Bridge Inspections; St. Tammany Parish, LA</b> – Bridge Inspector. Daniel assisted in the project's bidding and contract development, conducted inspections of all bridges by performing a hands-on inspection of all bridge components & identifying all deficiencies, developed sketches of each bridge using Microstation, assisted in compiling reports.

## 16. Staff Experience



Firm employed by: **T. Baker Smith, LLC**

Name	<b>Justin Loup, EI</b>	Years of relevant experience with this employer	4
Title	<b>Engineer Intern, Transportation</b>	Years of relevant experience with other employer(s)	0

Degree(s) / Years / Specialization			Bachelor of Science / 2021 / Civil Engineering
Active registration number / state / expiration date			EI.35451 / Louisiana / 09.30.2025
Year registered	2023	Discipline	Civil Engineering Intern
Contract role(s) / brief description of responsibilities			<b>Engineer Intern – Roadway Design</b> / Justin will serve as a Road Engineer Intern for the project.
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
Justin Loup, EI is an engineering intern for the TBS transportation group and assists with road design, bridge design, production of engineering drawings and plan sets, and interpretation of LADOTD standard plans. He maintains the ATSSA Traffic Control Supervisor (TCS) and Traffic Control Technician (TCT) certifications.			
02/24 – Ongoing	<b>S.P. No. H.015555, LA 1077 &amp; Brewster Rd Roundabout; LADOTD / St. Tammany Parish; Madisonville, LA</b> – Project Engineer. Justin assists with engineering design, development of horizontal and vertical alignments, hydraulic design, drafting and detailing of road and drainage plans, performing roadway and hydraulic calculations, interpreting LADOTD standard plans, quantifying roadway elements and cost estimates.		
05/23 – Ongoing	<b>IIJA Off-System Bridge Replacement District 08 (Multiple S.P. Nos.); LADOTD; LADOTD District 08</b> – Project Engineer. Justin provides design and plan production for several sites of the twelve bridge replacements (9 state projects) throughout LADOTD District 08. Justin designs the H&V alignments, typical sections, roadway cross section elements, and geometric layouts. Justin performs hydraulic analysis including the calculation of peak discharge at the bridge structure. He also assists the Environmental Discipline with the preparation of the permits for wetland delineations, solicitation of view packages, and categorical exclusion documents. <b>(Location: LADOTD District 08)</b>		
06/20 – 11/23 Ph I 05/21 – Ongoing Ph II	<b>Contract 44-17598, Contract 44-19336, Rural Bridge Replacement Initiative, Ph I and Ph II (87 bridge structures); LADOTD; Districts 04, 05, 08, 58</b> – Project Engineer. Justin assisted in producing engineering drawings and plan sets, developing horizontal and vertical roadway alignments, reviewing engineering drawings, interpreting LADOTD standard plans, performing bridge calculations, guard rail design, quantifying bridge and roadway elements, cost estimates, and attending plan-in-hand meetings with the client. <b>(Location: LADOTD District 08)</b>		
05/19 – 07/19 05/20 – 04/23	<b>S.P. No. H.013116, LA 20 Widen: LA 307 – S. Vacherie; LADOTD; St. James &amp; Lafourche Parishes, LA</b> – Project Engineer. Justin assisted with bridge design and produced engineering drawings and plan sets, temporary erosion control sheets, pavement marking sheets, and Reference Points and Benchmark Elevation sheets, reviewing engineering drawings, interpreting LADOTD standard plans, performing bridge calculations, guard rail design, quantifying bridge and roadway elements, and cost estimates.		

## 16. Staff Experience



Firm employed by: **T. Baker Smith, LLC**

Name	<b>Lisa Osborne</b>	Years of relevant experience with this employer	10
Title	<b>Senior Project Designer</b>	Years of relevant experience with other employer(s)	33

Degree(s) / Years / Specialization

Active registration number / state / expiration date

Year registered      Discipline

Contract role(s) / brief description of responsibilities      **Senior Project Designer** / Lisa will serve as Senior Project/CAD Designer.

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

Lisa Osborne is a Senior Project Designer with over 43 years of CAD experience in civil, transportation, and structural engineering. She has extensive experience using MicroStation for roadway and structural projects. **Lisa has over 30 years of experience using InRoads for developing horizontal and vertical alignments** including generating templates to develop roadway sections and earthwork volumes for multi-lane interstate facilities and roundabout intersections. She has prepared complete sets of drawings for construction on numerous LADOTD projects. Lisa's advanced modeling skills include superelevation design and implementation, complete corridor modeling, berms and sidewalks, bridge embankment and revetment layouts, open ditch and subsurface drainage, and complex roundabout design. Lisa has completed the CAD conform training provided by LADOTD and is proficient in LADOTD's standards of roadway plan preparation. She is skilled in all current versions of MicroStation, InRoads, AutoTURN, and Torus.

08/20 – Ongoing

**Contract 44-17598, Contract 44-19336, Rural Bridge Replacement Initiative, Ph I and Ph II (87 bridge structures); LADOTD; Districts 04, 05, 08, 58** – Senior Project Designer. Assisted with roadway geometric design including H&V alignments, bridge modeling including embankment and revetment layout. performed advanced roadway design modeling including complete corridor modeling using MicroStation/InRoads, transitions, all cross sectional roadway elements, open ditches, prepared roadway plans using MicroStation, InRoads, CADConform and AutoTURN. **(Location: LADOTD District 08)**

12/23 – Ongoing

**S.P. No. H.015576, LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA** – Senior Project Designer. Created roadway templates and developed corridor model for the urban single lane roundabout at the intersection of LA 447 and LA 1025. Created graphical grading sheets from the roadway model to derive accurate cross sections and earthwork volumes. Lisa was also responsible for the creation of several plan sheets including Plan & Profile Sheets, Typical Sections, Geometric Layouts, Joint Layouts and Cross Sections. She utilized Autoturn to confirm turning movements for all legs of the roundabout for a WB-67 and BUS-45 and assisted in the determination of several quantities including earthwork, asphalt, concrete curb and gutter and PCC pavement.

10/14 – 06/21

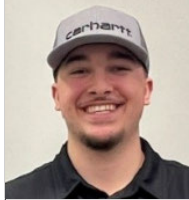
**S.P. No. H.004113, I-12 to Bush: LA 3241: LA 435 to LA 40/41; LADOTD; St. Tammany Parish, LA** – Senior Project Designer. Performed topographic survey data processing and deliverable preparation, roadway designer activities including roadway corridor modeling of roadway surface, open ditches, median cross overs and intersections utilizing Inroads and roadway plan production for the new 5.5-mile, four-lane RA-3 roadway from LA 435 to Bush, LA.

## 16. Staff Experience: Lisa Osborne | T. Baker Smith, LLC - continued

07/17 – 04/23	<b>S.P. No. H.013116, LA 20 Widen: LA 307 – S. Vacherie; LADOTD; St. James &amp; Lafourche Parishes, LA</b> – Senior Project Designer. Assisted with roadway design efforts for the widening of 2.7 miles of LA 20 to add shoulders. Created roadway templates and corridor model, determined limits of construction, derived roadway quantities, create and annotated cross sections including earthwork volumes. She also assisted in determining the different levels of embankment required due to roadway widening and settlement.
10/16 – 03/23	<b>S.P. No. H.011152, I-12: US 190 to LA 59; LADOTD; St. Tammany Parish, LA</b> – Senior Project Designer. Assisted with roadway geometric design including H&V alignments, performed advanced roadway design modeling including complete corridor modeling using MicroStation/InRoads, modeling of median barriers, transitions, all cross sectional roadway elements, open ditches and interchange elements, modeling of construction phasing for Level 4 Traffic Management Plans, prepared roadway plans using MicroStation, InRoads, CADConform and AutoTURN for the four-mile widening and reconstruction of Interstate 12 in Covington, LA.
02/20 – 12/22	<b>S.P. No. H.012812, US 190 at Northshore and Camp Villere; LADOTD; St. Tammany Parish, LA</b> – Senior Project Designer. Created roadway templates and developed corridor model for the urban multi-lane roundabout at the intersection of US 190 and Northshore Blvd. and the urban single lane roundabout at US 190 and Camp Villere Rd. Created graphical grading sheets from the roadway model to derive accurate cross sections and earthwork volumes. Lisa was also responsible for the creation of several plan sheets including Plan & Profile Sheets, Typical Sections, Geometric Layouts, Joint Layouts and Cross Sections. Assisted in the determination of several quantities including earthwork, asphalt, concrete curb and gutter, and PCC pavement.
02/18 – Ongoing	<b>S.P. No. H.001344, US 190: LA 437 to US 190 Bus (Ph 1); LADOTD; St. Tammany Parish, LA</b> – Senior Project Designer. Develop horizontal and vertical alignments for use in developing the model. Prepare cross sections, volumes, quantities and general plan development. Assist in the development of required retaining walls and revetments for the bridge.
12/19 – Ongoing	<b>S.P. No. H.014407, LA 621 at Roddy Rd; Ascension Parish Government; Ascension Parish, LA</b> – Senior Project Designer. Created roadway templates and developed corridor model for the urban single lane roundabout at LA 621 and Roddy Rd. Created graphical grading sheets from the roadway model to derive accurate cross sections and earthwork volumes. Lisa was also responsible for the creation of several plan sheets including Plan & Profile Sheets, Typical Sections, Geometric Layouts, and Cross Sections. Assisted in the determination of several quantities including earthwork, asphalt, concrete curb and gutter and PCC pavement.
02/18 – Ongoing	<b>ENG-17-013, LA 3127 Extension: LA 70 TO LA 1; Ascension Parish Government; Ascension Parish, LA</b> – Senior Project Designer. Performed roadway modeling for a new four-lane divided section from LA 70 to LA 1. Develop roadway and bridge plans for environmental investigation to include multiple alignments to determine impacts to the existing terrain and environment.
12/23 – Ongoing	<b>S.P. No. H.015576, LA 447 &amp; LA 1025: Roundabout; LADOTD; Livingston Parish, LA</b> – Senior Project Designer. Created roadway templates and developed corridor model for the urban single lane roundabout at the intersection of LA 447 and LA 1025. Created graphical grading sheets from the roadway model to derive accurate cross sections and earthwork volumes. Lisa was also responsible for the creation of several plan sheets including Plan & Profile Sheets, Typical Sections, Geometric Layouts, Joint Layouts and Cross Sections. She utilized Autoturn to confirm turning movements for all legs of the roundabout for a WB-67 and BUS-45 and assisted in the determination of several quantities including earthwork, asphalt, concrete curb and gutter and PCC pavement.



## 16. Staff Experience



Firm employed by: **T. Baker Smith, LLC**

Name	<b>Roman Lange</b>	Years of relevant experience with this employer	<1
Title	<b>Project Technician</b>	Years of relevant experience with other employer(s)	0

Degree(s) / Years / Specialization			
Active registration number / state / expiration date			
Year registered		Discipline	
Contract role(s) / brief description of responsibilities			<b>Project Technician</b> / Roman will assist with engineering tasks as project technician.
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
Roman Lange is a Project Technician based in TBS’ Baton Rouge office, specializing in transportation projects. With expertise in MicroStation InRoads software, Roman brings valuable technical proficiency to a wide range of project types. His skill set includes the development of permit drawings, contributions to bridge design projects, and involvement in the planning of roundabout installations.			
04/24 - Ongoing	<b>IIJA Off-System Bridge Replacement Program; Contract No. 44-25027; LADOTD; Statewide</b> – Project Technician. Develop all necessary drawings for permit applications. Assist in plan production for road and bridge plan, including creating TBM sheets for deliverables. <b>(Location: LADOTD District 08)</b>		
04/24 - Ongoing	<b>MA-17-01, Roddy Road Widening (LA 935 to LA 621); Ascension Parish Government; Ascension Parish, LA</b> – Project Technician. Assist in plan set deliverables for the 1.5 mile road widening project. Responsibilities include using MicroStation and InRoads to obtain and catalogue information to assist with plan production.		
06/24 - Ongoing	<b>Contract 44-19336, Rural Bridge Replacement Initiative, Ph 2 (40 bridge structures); LADOTD; Districts 04 &amp; 05</b> – Project Technician. Assist in markups as required, by providing support with revisions and annotations.		
05/24 - Ongoing	<b>S.P. No. H.015576, LA 447 &amp; LA 1025: Roundabout; LADOTD; Livingston Parish, LA</b> – Project Technician. Assist in plan set deliverables. Key functions include utilizing MicroStation and InRoads to obtain and catalogue information to prepare geometric layout sheets. Utilized InRoads to detail plan and profile drawings, and TBM sheets.		
08/24 - Ongoing	<b>S.P. No. H.015555, LA 1077 &amp; Brewster Rd Roundabout; LADOTD / St. Tammany Parish; Madisonville, LA</b> – Project Technician. Assist in plan set deliverables. Tasks include utilizing MicroStation and InRoads to obtain and catalogue information to prepare geometric layout sheets. Implements InRoads to detail plan and profile drawings, and TBM sheets.		

## 16. Staff Experience



Firm employed by: **T. Baker Smith, LLC**

Name **Jean Reulet, III, PLS**

Years of relevant experience with this employer

3

Title **Senior Project Manager**

Years of relevant experience with other employer(s)

13

Degree(s) / Years / Specialization

Bachelor of Science / 2011 / Geomatics

Active registration number / state / expiration date

PLS.5145 / Louisiana / 03.31.2026

Year registered

2015

Discipline

Professional Land Surveyor

Contract role(s) / brief description of responsibilities

**Lead Surveyor** / Jean will manage all aspects of the Surveying elements for the project and satisfies **MPR #4**.

Experience dates  
(mm/yy-mm/yy)

Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).

Jean Reulet, III, PLS has served in various roles as a professional land surveyor since 2011. His field experience for **LADOTD projects began in 2011 where he has been involved in dozens of survey projects of various sizes across the State of Louisiana**. He has participated in all stages of Topographic Survey and Right of Way Map preparation from field data collection to final deliverables according to the LADOTD's Location and Survey Manual. This experience has enabled Jean to develop a very thorough QA/QC process which has been used to train a highly skilled project team. Jean is experienced in the use of cutting-edge technology such as terrestrial and mobile LIDAR methods for collecting topographic and structural data in an efficient and safe manner. Jean maintains the ATSSA Traffic Control Supervisor (TCS) and Technician (TCT) certifications, and has completed the CPTP SCS Cybersecurity WBT training.

09/21 – 01/23 Ph I  
07/21 – 05/23 Ph II

**Contract 44-17598, Contract 44-19336, Rural Bridge Replacement Initiative, Ph I and Ph II (87 bridge structures); LADOTD; Districts 04, 05, 08, 58** – Survey Project Manager. Coordinated field crews, processed data daily, and provided QA/QC of deliverables. TBS performed control, topographic, and right of way surveys for the replacement of 47 bridge structures in northern Louisiana. Data was captured to detail the existing bridges themselves, roadways on either side, and surrounding terrain to ensure proper tie into to existing surfaces. Cross sections of the channels they cross were also surveyed to provide information for hydraulic modeling. Data is then processed and QA/QC performed and coordinated with in-house engineers designing the replacement bridges. Property surveys of affected tracts of land were also surveyed for any takings or servitudes, and these lines portrayed on right of way maps. **(Location: LADOTD District 08)**

09/22 – 08/23

**S.P. No. H.014414, LA 22: Bedico Creek-Pine Creek; LADOTD; St. Tammany Parish, LA** – Sr. Project Manager. Performed field crew coordination, data processing, project QA/QC and management for Topographic Survey and Existing Drainage Map. Project involves the widening of LA 22 and improvements to the intersection of LA 22 and Perrilloux Road.

06/23 – Ongoing

**IIJA Off-System Bridge Replacement Program; Contract No. 44-25027; LADOTD; Statewide** – Sr. Project Manager/Surveyor of Record. Oversaw the completion of topographic surveys, property surveys, and right of way maps for the replacement of 12 bridges. Responsible for field crew coordination, project QA/QC, title research, and deliverables preparation. Surveys were performed to LADOTD Location and Survey standards. **(Location: LADOTD District 08)**

## 16. Staff Experience: Jean Reulet, III, PLS | T. Baker Smith, LLC – continued

08/22 – 08/24	<b>MA-20-01: Move Ascension, Bluff Road, LA 73 Connector, Ascension Parish Government, Ascension Parish, LA</b> – Project Manager. Provided Topographic surveying and Right-of-Way mapping for the Bluff Road – La 73 Connector Project as part of the Move Ascension Program. The survey was approximately 7,000 feet long and as wide as 300 feet for the design of a roadway to connect LA 73 and Bluff Road.
11/23 – 06/24 (survey complete)	<b>S.P. No. H.015576, LA 447 &amp; LA 1025: Roundabout; LADOTD; Livingston Parish, LA</b> – Sr. Project Manager. Responsible for field crew oversight, data processing and review, and deliverables preparation. Performed Topographic survey for the design and construction of a roundabout at the intersection LA 447 and LA 1025 near Walker, Louisiana.
07/21 – 01/22	<b>S.P. No. H.013116, LA 20 Widening: LA 307 to S. Vacherie, LADOTD, St. James &amp; Lafourche Parishes, LA</b> – Project Surveyor. Performed quality control for the Final R/W Maps for the asymmetrical widening of a 2.7 mile stretch of LA 20 near Vacherie, LA.
09/22 – 06/23	<b>S.P. No. H.015405, Keller Street Bridge Replacement; St. Tammany Parish Government; St. Tammany Parish, LA</b> – Sr. Project Manager. Performed field crew coordination, data processing, project QA/QC and management for Topographic Survey for this bridge replacement project.
01/18 – 04/20*	<b>I-10: LA 415 to Essen Lane – East and West Baton Rouge Parishes</b> – Sr. Project Manager. Responsible for field crew oversight, data processing and review, and deliverables preparation. Performed Topographic survey for the widening of I-10 through Baton Rouge.
11/19 – 12/20 *	<b>S.P. No. H.001344.5, US 190: LA 437-US 190 BUS (Ph 1); LADOTD; St. Tammany Parish, LA</b> – Sr. Project Manager. Performed data processing, title research and project QAQC for Property Surveys and Right of way Maps.
10/17 – 01/19 *	<b>S.P. No. H.009481.5, LA 20 Bayou Chevreuil Bridge; LADOTD; St. James and Lafourche Parishes, LA</b> – Sr. Project Manager. Performed data processing, title research and project QAQC for Property Surveys and Right of way Maps.
03/17 – 04/18 *	<b>S.P. No. H.004987, US 190 Collins Blvd. Widening; LADOTD; St. Tammany Parish, LA</b> – Sr. Project Manager; Responsible for Topographic survey, field crew coordination and project QAQC for the widening of a 3 mile portion of US 190 in Covington, LA including the bridge replacement over the Bogue Falaya River. DTM width was approximately 300ft.
02/15 – 04/16 *	<b>S.P. No. H.011137 &amp; S.P. No. H.011152, I-12 (LA 21 to US 190) &amp; I-12 (US 190 to LA 59); LADOTD; St. Tammany Parish, LA</b> – Senior Project Manager. Responsible for field crew oversight, data processing and review, and deliverables preparation. Performed topographic survey for widening of Interstate 12, including bridge over the Tchefuncte River.
* previous employer	

## 16. Staff Experience



Firm employed by: **T. Baker Smith, LLC**

Name **Ralph Burgess, PLS**

Years of relevant experience with this employer

<1

Title **Senior Project Manager**

Years of relevant experience with other employer(s)

25

Degree(s) / Years / Specialization

Bachelor of Science / 2004 / Industrial Technology-Design

Active registration number / state / expiration date

PLS.5040 / Louisiana / 09.30.2026

Year registered

2010

Discipline

Professional Land Surveyor

Contract role(s) / brief description of responsibilities

**Surveyor** / Ralph will serve as Surveyor for this project.

Experience dates  
(mm/yy-mm/yy)

Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).

Ralph Burgess, PLS, is a Senior Project Manager at TBS' Baton Rouge Survey office. He ensures projects stay on schedule, coordinates crew activities, and oversees office production. Ralph also conducts final quality control on deliverables before they are submitted to the Prime Consultant. With a strong background in Topographic and Right of Way surveys for LADOTD, he is well-versed in Location and Survey policies and procedures. Ralph has successfully managed projects using both traditional data collection methods and advanced 3D Terrestrial Scanning technology.

07/24 – Ongoing

**IIJA Off-System Bridge Replacement Program; LADOTD; District 08** – Project Manager. Ralph is project manager for H.015339, H.015442, H.015445 & H.015447 which included coordinating with crew, coordinating with DOTD Real estate regarding title work, review of title work, calculations of properties, overseeing property maps and right of way mapping, and coordination with engineering for final taking lines for final right of way maps, and final responsible charge of the final right of way maps. In addition to those, Ralph was QA/QC for all mapping for H.015443, H.015444, H.015446, & H.015448, & H.015449. **(Location: LADOTD District 08)**

08/21 – 03/24 \*

**S.P. No. H.011833.5, St. Mary Street Sidewalks; LADOTD; Scott, LA** – Survey Manager. Ralph managed and directed a topographic survey completed along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal will be in accordance with latest LADOTD Location and Survey standards.

09/21 – 03/22 \*

**S.P. No. H.014747, Southern University Ravine Protection; LADOTD; East Baton Rouge Parish, LA** – Survey Manager. As a subconsultant firm, Ralph was responsible for managing and directed the topographic survey of various sites. The topographic data for this project was collected both traditionally and utilizing 3D Scanning. He worked with SUE sub-consultant, TBS, as well as firm crews to obtain and incorporate all utility data as well.



## 16. Staff Experience: Ralph Burgess, PLS | T. Baker Smith, LLC - continued

03/22 - 09/22 *	<b>S.P. No. H.010960.5-2, Roundabouts at LA 182; LADOTD; Lafayette, LA</b> – Survey Manager. Ralph managed and directed the topographic survey along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. Firm SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
07/20 - 04/21*	<b>S.P. No. H.001352.5 and H.002273.5, Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge; LADOTD; East Baton Rouge Parish, LA</b> – Survey Manager. As a subconsultant firm, Ralph was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. This included merging data from a previous survey on one portion of the site and field verifications of that data. The topographic data for this project was collected traditionally.
01/18 - 01/20*	<b>S.P. No. H.004100, I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA</b> – Survey Manager. As a subconsultant firm, Ralph was 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 at LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.
7/17 - 12/18*	<b>S.P. No. H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA</b> – Survey Manager. Ralph's duties included meeting with LADOTD and 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.
* previous employer	

## 16. Staff Experience



Firm employed by: **T. Baker Smith, LLC**

Name **Anthony Burns**

Years of relevant experience with this employer

2

Title **Project Manager**

Years of relevant experience with other employer(s)

19

Degree(s) / Years / Specialization

Active registration number / state / expiration date

Year registered

Discipline

Contract role(s) / brief description of responsibilities

**Survey Project Manager** / Anthony will serve as Survey Project Manager.

Experience dates  
(mm/yy-mm/yy)

Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).

Anthony Burns has over 21 years of experience as a rodman, party chief, and project manager with numerous LA DOTD and City-Parish projects involving topographic, right of way, and boundary surveys. His experience includes conventional and terrestrial LiDAR, and mobile LiDAR scanning. He is thoroughly familiar with LA DOTD Location and Survey Procedures, manuals, and software programs with respect to all requirements. He manages our survey field crews and equipment. He holds ATSSA Traffic Control Technician (TCT), Traffic Control Supervisor (TCS), and Flagger certifications, and is TWIC and OSHA certified.

06/23 - Ongoing

**IIJA Off-System Bridge Replacement Program; Contract No. 44-25027; LADOTD; Statewide** – Project Manager. Assisted in the completion of topographic surveys, property surveys, and right of way maps for the replacement of 12 bridges. Assisted with field crew coordination, data processing, project QA/QC, and deliverables preparation. Surveys were performed to LADOTD Location and Survey standards. **(Location: LADOTD District 08)**

10/22 - 10/23

**Contract 44-17598, Contract 44-19336, Rural Bridge Replacement Initiative, Ph I and Ph II (87 bridge structures); LADOTD; Districts 04, 05, 08, 58** – Survey Technician. Responsible for review of topographic surveys. **(Location: LADOTD District 08)**

04/21 - 07/21 \*

**S.P. No. H.009300, Hooper Road Widening (LA 3034 - LA 37); LADOTD; East Baton Rouge Parish, LA** – Project Manager/Field Crew Manager. Responsible for a topographic survey and subsurface utility engineering for a one mile stretch of LA Hwy 408.

11/23 - 06/24  
(survey complete)

**S.P. No. H.015576, LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA** – Project Manager. Responsible for field crew oversight and data processing and review. Performed Topographic survey for the design and construction of a roundabout at the intersection LA 447 and LA 1025 near Walker, Louisiana.

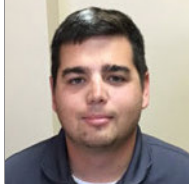
01/18 - 04/20 \*

**S.P. No. H.004100, I-10: LA 415 to Essen Lane; LADOTD; East and West Baton Rouge Parishes, LA** – Project Manager. Responsible for field crew oversight, and data processing and review. Performed Topographic survey for the widening of I-10 through Baton Rouge.

## 16. Staff Experience: Anthony Burns | T. Baker Smith, LLC – continued

09/22 – 06/23	<b>S.P. No. H.015405, Keller Street Bridge Replacement; St. Tammany Parish Government; St. Tammany Parish, LA</b> – Project Manager. Performed field crew coordination and data processing for Topographic Survey for this bridge replacement project.
04/14 – 10/19 *	<b>S.P. No. H.002151.5, LA 339 &amp; LA 339S Bayou Parc; LADOTD; Lafayette Parish, LA</b> – Project Manager. Performed data processing, title research and project QAQC for Property Surveys and Right of way Maps.
03/17 – 04/18 *	<b>S.P. No. H.004987, US 190 Collins Blvd. Widening; LADOTD; St. Tammany Parish, LA</b> – Sr. Project Manager; Responsible for Topographic survey, field crew coordination and project QAQC for the widening of a three-mile portion of US 190 in Covington, LA. DTM width was approximately 300ft.
09/22 – 08/23	<b>S.P. No. H.014414, LA 22: Bedico Creek–Pine Creek; LADOTD; St. Tammany Parish, LA</b> – Project Manager. Responsible for review of topographic surveys, performed data processing, and managed the crews on this project.
02/15 – 04/16 *	<b>S.P. Nos. H.011137 and H.011152, I-12 (LA 21 to US 190) &amp; I-12 (US 190 to LA 59); LADOTD; St. Tammany Parish, LA</b> – Project Manager/Field Crew Manager. Responsible for topographic survey on this project.
05/15 – 11/15 *	<b>S.P. No. H.011224, US 190 Guardrail/Rutting Rep. (Ph I); LADOTD; Pointe Coupee Parish, LA</b> – Project Manager/Field Crew Manager. Responsible for topographic survey along five portions of US 190. The project was located in Pointe Coupee Parish from LA 1 westward approximately 18.5 miles to the east side of the Atchafalaya Bridge.
04/20 – 11/20 *	<b>S.P. No. H.000688, US 11 Norfolk Southern RR Overpass (HBI); LADOTD; St. Tammany Parish, LA</b> – Project Manager. Responsible for field crew oversight, data processing and review and deliverables preparation. Performed a Topographic Survey for the replacement of the US 11 Overpass over the Norfolk Southern Railroad.
* previous employer	

## 16. Staff Experience



Firm employed by: **T. Baker Smith, LLC**

Name **Ryan DiSalvo, PLS**

Years of relevant experience with this employer

7

Title **Project Surveyor**

Years of relevant experience with other employer(s)

0

Degree(s) / Years / Specialization

Bachelor of Science / 2019 / Geomatics

Active registration number / state / expiration date

PLS.5326 / Louisiana / 03.31.2026

Year registered

2019

Discipline

Professional Land Surveyor Technician

Contract role(s) / brief description of responsibilities

**Senior Survey Project Technician** / Ryan will serve as senior project technician for the project.

Experience dates  
(mm/yy-mm/yy)

Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).

Ryan DiSalvo, PLS is a licensed Land Surveyor in Louisiana. He is primarily responsible for providing technical support to the survey supervisor by calculating, analyzing, organizing, coordinating, and researching information, preparing drawings, and generally providing the necessary CAD support to complete the survey effort.

06/23 - Ongoing

**IIJA Off-System Bridge Replacement Program; Contract No. 44-25027; LADOTD; Statewide** – Survey Technician. Assisted in the completion of topographic surveys, property surveys, and right of way maps for the replacement of 12 bridges. Assisted with data processing, title research, and preparation of property surveys and right of way maps. Surveys were performed to LADOTD Location and Survey standards. **(Location: LADOTD District 08)**

07/22 - 08/24  
(survey complete)

**MA-17-01, Roddy Road at LA 621 Roundabout; Ascension Parish Government; Ascension Parish, LA** – Survey Technician. Provided technical survey support for topographic surveys, property surveys and right of way mapping for the Roddy Road at LA 621 Roundabout project. This project includes approximately 0.34 miles of roadway reconstruction and roundabout intersection improvements at the intersection of LA 621 and Roddy Rd. in Gonzales, Louisiana.

08/22 - 01/23

**MA-22-01, LA 73 Bluff Rd Roundabout; Ascension Parish Government; Ascension Parish, LA** – Survey Technician. Data processing using Microstation/Inroads and DOTD coding for topographic surveys, title take offs, and processing, analyzing and calculating property surveys for the roundabout project.

12/23 - 02/24

**S.P. No. H.015576, LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA** – Project Technician. Processed data and prepared topographic drawings. Performed Topographic survey for the design and construction of a roundabout at the intersection LA 447 and LA 1025 near Walker, Louisiana.

05/22 - 05/23

**Contract 44-19336, Rural Bridge Replacement Initiative, Ph 2 (40 bridge structures), Districts 04 & 05 (LADOTD)** – Survey Technician. Prepared Property Surveys and R/W Maps for the 40 bridge replacements structures.

01/19

**S.P. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41); LADOTD; St. Tammany Parish, LA** – Senior Project Technician. Compilation and review of right of way plats for 5.5 mile 4-lane SA-3 roadway from LA 435 to Bush, Louisiana.

## 16. Staff Experience



Firm employed by: **T. Baker Smith, LLC**

Name	<b>Laramey Leet</b>	Years of relevant experience with this employer	8
Title	<b>Party Chief</b>	Years of relevant experience with other employer(s)	10

Degree(s) / Years / Specialization

Active registration number / state / expiration date

Year registered      Discipline

Contract role(s) / brief description of responsibilities      **Survey Party Chief** / Laramey will serve as Survey Crew Party Chief, managing field crews for all survey efforts under this contract.

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

Laramey Leet has extensive experience with LADOTD projects and is very familiar with LADOTD Location and Survey procedures for control, location, traverse and cross sections. He is very experienced with LADOTD coding procedures and the development of survey surfaces for design. His project experience includes boundary, topographic and construction staking for roadways, bridges, subdivisions and municipal projects. He is familiar with roadway alignment properties used in developing topographic surveys for LADOTD. He is experienced with static, rapid static, kinematic and real-time kinematic GPS surveying, surveys utilizing conventional total stations and robotic total stations. He maintains ATSSA Traffic Control Technician (TCT), Traffic Control Supervisor (TCS), and Flagger certifications.

06/23 - Ongoing	<b>IIJA Off-System Bridge Replacement Program; Contract No. 44-25027; LADOTD; Statewide</b> — Party Chief. Laramey established project control, performed topographic surveys and recovered boundary monumentation for the development of Right-of-Way maps. Surveys were performed to LADOTD Location and Survey standards for the replacement of 12 bridges. <b>(Location: LADOTD District 08)</b>
07/20 – 01/23 Ph 1 05/21 – 05/23 Ph 2	<b>Contract 44-17598, 44-19336, Rural Bridge Replacement Initiative Ph 1 and 2; LADOTD; Districts 04, 05, 08, 58</b> — Survey Crew Party Chief. Performed topographic surveys, SUE designation surveys, and GPS Control of 87 bridge replacement projects for LADOTD. Survey included approximately 2000' of roadway cross sections, 500' of stream cross sections, and a detailed bridge survey and sketch. <b>(Location: LADOTD District 08)</b>
01/20 – 04/23	<b>Move Ascension, Roddy Road @ LA 621 Roundabout, Ascension Parish Government, Ascension Parish, LA</b> — Survey Crew Party Chief. Performed utility survey, topographic survey and recovered boundary monumentation to assist in the Right-of-Way mapping for the Roddy Road @ LA 621 Roundabout. Following construction, the lane widths will be widened to 12 feet with 4 feet wide shoulders upon approach to the roundabout. The single lane roundabout will include 18 feet wide entrance lanes and 14 feet wide exit lanes.
10/17 – 11/22	<b>MA-20-01: Move Ascension, Bluff Road, LA 73 Connector, Ascension Parish Government, Ascension Parish, LA</b> — Survey Crew Party Chief. Collected Topographic data and recovered boundary monumentation to assist in the Right-of-Way mapping for the Bluff Road – La 73 Connector Project as part of the Move Ascension Program. The survey was approximately 7,000 feet long and as wide as 300 feet for the design of a roadway to connect LA 73 and Bluff Road.



## 16. Staff Experience: Laramey Leet | T. Baker Smith, LLC - continued

7/17-8/17, 12/18	<b>S.P. No. H.013116, LA 20 Widening; LADOTD; St. James Parish, LA</b> – Survey Crew Chief. Responsible for establishing project control and collecting topographic and boundary data for the widening project in adding 8' outside shoulders and widening travel lanes.
02/18-10/18	<b>ENG-17-013, LA 3127 Extension (LA 70 to LA 1); Ascension Parish Government; Ascension Parish, LA</b> – Survey Crew Party Chief. Performed topographic surveys, SUE designation surveys, existing drainage map surveys and property surveys through virgin terrain along 12 parcels for the 6.8-mile roadway extension project.
10/17-09/18	<b>MA-17-01, Roddy Road Widening (LA 935 to LA 621); Ascension Parish Government; Ascension Parish, LA</b> – Senior Project Manager. Performed Data Processing, project QAQC and task management for Topographic Surveys and right of way Mapping for 1.5 miles of roadway widening from the existing 10' travel lanes and minimal shoulders to 12' travel lanes with four-foot shoulders and associated roadside ditch improvements.
12/16 – 03/17	<b>S.P. No. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41); LADOTD; St. Tammany Parish, LA</b> – Survey Crew Party Chief. Performed property surveys along 101 parcels through virgin terrain for the 5.5-mile roadway project.
02/15 – 04/16 * 10/16	<b>S.P. Nos. H.011137 &amp; H.011152, I-12 Widening (US 190 to LA 59); LADOTD; St. Tammany Parish, LA</b> – Party Chief. Topographic survey of boring locations. Performed staking and topographic surveys of boring locations for roadway and bridge borings along I-12 for a 4-mile F-3 Interstate widening project.
09/16 – 10/16	<b>S.P. No. H.012699, LA 10/Beaver Branch Bridge; LADOTD; St. Helena Parish, LA</b> – Survey Crew Party Chief. Topographic survey. Emergency Project – Performed topographic and control surveys using robotic total station and GPS for emergency bridge replacement project in accordance with all LADOTD procedures – deliverables transmitted within 9 days from NTP.
09/22 – 08/23	<b>S.P. No. H.014414, LA 22: Bedico Creek – Pine Creek, St. Tammany &amp; Tangipahoa Parishes, LA</b> – Survey Crew Party Chief. Established project control and performed topographic survey, including development of an existing drainage map, for the widening of LA 22 near Madisonville, Louisiana.
* previous employer	

## 16. Staff Experience



Firm employed by: **T. Baker Smith, LLC**

Name **Branden Kinnaird**

Years of relevant experience with this employer 2

Title **Party Chief**

Years of relevant experience with other employer(s) 4

Degree(s) / Years / Specialization

Active registration number / state / expiration date

Year registered

Discipline

Contract role(s) / brief description of responsibilities

**Survey Party Chief** / Branden will serve as Survey Party Chief for survey efforts under this contract.

Experience dates  
(mm/yy-mm/yy)

Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).

Branden Kinnaird has extensive experience performing surveys according to the LADOTD Location and Survey Manual. He has a thorough understanding of LADOTD feature coding, control setting procedures, and data collection methodology. Branden has utilized conventional surveying equipment, Real-Time Kinematic GPS equipment, and terrestrial LiDAR for field data collection. In addition to his topographic survey experience, Branden is also very familiar with the principles and procedures for boundary surveying. He has been involved in projects on the state and local levels, as well as for private clients.

06/23 - Ongoing

**IIJA Off-System Bridge Replacement Program; Contract No. 44-25027; LADOTD; Statewide** – Party Chief. Laramie established project control, performed topographic surveys and recovered boundary monumentation for the development of Right-of-Way maps. Surveys were performed to LADOTD Location and Survey standards for the replacement of 12 bridges. **(Location: LADOTD District 08)**

06/23 - Ongoing

**IIJA Off-System Bridge Replacement Program; Contract No. 44-25027; LADOTD; Statewide** – Party Chief. Branden established project control, performed topographic surveys and recovered boundary monumentation for the development of Right-of-Way maps. Surveys were performed to LADOTD Location and Survey standards for the replacement of 12 bridges. **(Location: LADOTD District 08)**

09/22 – 05/23

**S.P. No. H.014264, LA 556: Bridges Near Choudrant; LADOTD; Jackson and Lincoln Parishes, LA** – Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.

09/22 – 12/22

**S.P. No. H.014238, LA 818: Barnet Springs & Creek Bridges; LADOTD; Lincoln Parish, LA** – Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.

10/22 – 11/22

**S.P. No. H.014239, LA 589: Alligator Bayou Bridge; LADOTD; West Carroll Parish, LA** – Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.

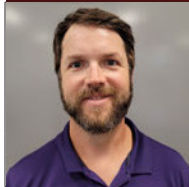
03/21 – 12/21 \*

**MoveBR Nicholson Segment 2 (Bluebonnet – Ben Hur); East Baton Rouge Parish, LA** – Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps and Topographic Survey.

## 16. Staff Experience: Branden Kinnaird | T. Baker Smith, LLC - continued

06/20 - 07/21 *	<b>S.P. No. H.000358.5, US 190: LA 415 &amp; RR Overpass Repl (HBI); LADOTD; West Baton Rouge Parish, LA</b> – Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.
03/21 - 06/21 *	<b>MoveBR Lee Drive (Highland Road – Perkins Road); East Baton Rouge Parish, LA</b> – Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.
11/19 - 12/20 *	<b>S.P. No. H.001344.5, US 190: LA 437-US 190 BUS (Ph 1); LADOTD; St. Tammany Parish, LA</b> – Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.
04/19 - 12/19 *	<b>S.P. No. H.007811.5, Comite River Diversion; LADOTD; East Baton Rouge Parish, LA</b> – Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.
11/23 - 01/24	<b>S.P. No. H.015576, LA 447 &amp; LA 1025: Roundabout; LADOTD; Livingston Parish, LA</b> – Party Chief. Responsible for establishing project control and collecting topographic and drainage data for the design and construction of a roundabout at the intersection LA 447 and LA 1025 near Walker, Louisiana.
09/22 - 08/23	<b>S.P. No. H.014414, LA 22: Bedico Creek – Pine Creek, St. Tammany &amp; Tangipahoa Parishes, LA</b> – Survey Crew Party Chief. Established project control and performed topographic survey, including development of an existing drainage map, for the widening of LA 22 near Madisonville, Louisiana.
06/20 - 07/21 *	<b>S.P. No. H.000358.5, US 190: LA 415 &amp; RR Overpass Repl (HBI); LADOTD; West Baton Rouge Parish, LA</b> – Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.
06/23 - 08/23	<b>S.P. No. H.015587, LA 3211 Yokley Road: Roundabout; LADOTD; St. Mary Parish; District 03</b> - Party Chief. Branden established project control and performed topographic survey, including development of an existing drainage map, for the design and construction of a roundabout at the intersection of LA 3211 and Yokley Road in Franklin, Louisiana.
01/24 - 02/24	<b>S.P. No. H.015555, LA 1077 &amp; Brewster Rd Roundabout; LADOTD / St. Tammany Parish, LA</b> – Party Chief. Branden established project control and performed topographic survey, including development of an existing drainage map, for the design and construction of a roundabout at the intersection of LA 1077 and Brewster Road near Madisonville, Louisiana.
* previous employer	

## 16. Staff Experience



Firm employed by: **T. Baker Smith, LLC**

Name **Derek McGehee**

Years of relevant experience with this employer 2

Title **Party Chief**

Years of relevant experience with other employer(s) 3

Degree(s) / Years / Specialization

Active registration number / state / expiration date

Year registered

Discipline

Contract role(s) / brief description of responsibilities

**Survey Party Chief** / Derek will serve as Survey Party Chief for survey efforts under this contract.

Experience dates  
(mm/yy-mm/yy)

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

Derek McGehee is a Party Chief located in the TBS Baton Rouge office. Derek has experience performing surveys according to the LADOTD Location and Survey Manual. He has a thorough understanding of LADOTD feature coding, control setting procedures, and data collection methodology. Derek has utilized conventional surveying equipment, Real-Time Kinematic GPS equipment, and terrestrial LiDAR for field data collection. In addition to his topographic survey experience, Derek is also familiar with the principles and procedures for boundary surveying. He has been involved in projects on the state and local levels, as well as for private clients.

08/23 - 07/24

**IIJA Off-System Bridge Replacement Program; LADOTD; District 08** – Party Chief. Derek established project control, performed topographic surveys and recovered boundary monumentation for the development of Right-of-Way maps. Surveys were performed to LADOTD Location and Survey standards for the replacement of 12 bridges. **(Location: LADOTD District 08)**

10/22 - 04/23

**Contract 44-19336, Rural Bridge Replacement Initiative, Ph II (40 bridge structures); LADOTD; Districts 04 & 05** – Party Chief. Derek established project control, performed topographic surveys and recovered boundary monumentation for the development of Right-of-Way maps. Surveys were performed to LADOTD Location and Survey standards for the replacement of 47 bridge structures in Northern Louisiana.

06/23 - 08/23

**S.P. No. H.015587, LA 3211 Yokley Road: Roundabout; LADOTD; St. Mary Parish, LA; District 03** – Party Chief. Derek established project control and performed topographic survey, including development of an existing drainage map, for the design and construction of a roundabout at the intersection of LA 3211 and Yokley Road in Franklin, Louisiana.

10/22 - 08/23

**S.P. No. H.014414, LA 22: Bedico Creek – Pine Creek, St. Tammany & Tangipahoa Parishes, LA** – Party Chief. Derek established project control and performed topographic survey, including development of an existing drainage map, for the design and construction of a roundabout at the intersection of LA 1077 and Brewster Road near Madisonville, Louisiana.

01/24 - 02/24

**S.P. No. H.015555, LA 1077 & Brewster Rd Roundabout; LADOTD / St. Tammany Parish; Madisonville, LA** – Party Chief. Derek established project control and performed topographic survey, including development of an existing drainage map, for the widening of LA 22 near Madisonville, Louisiana.



## 16. Staff Experience



Firm employed by: **T. Baker Smith, LLC**

Name **Marc Dunn, PE**

Years of relevant experience with this employer

<1

Title **Lead Professional - CE&I Engineering**

Years of relevant experience with other employer(s)

13

Degree(s) / Years / Specialization

Bachelor of Science / 2015 / Civil Engineering

Active registration number / state / expiration date

PE.43705 / Louisiana / 03.31.2026

Year registered

2019

Discipline

Civil Engineering

Contract role(s) / brief description of responsibilities

**Construction Support** / Marc will lead and manage all Construction Support services on the project.

Experience dates  
(mm/yy-mm/yy)

Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).

Marc Dunn, PE is the Lead Professional of CE&I Engineering at T. Baker Smith with over 13 years of experience focusing on construction inspection and quality control for various projects, including transportation projects. He has completed over 40 projects and was involved in over 20 projects with the East Baton Rouge Road Rehabilitation Program. His experience includes project management and estimation, requests for information, change order development, construction and design of road and bridge projects for local municipalities and governmental agencies, management of inspectors and construction staff, and development of QA/QC plans. He is adept in addressing design and construction challenges by devising and executing effective solutions. He has monitored the installation of materials and equipment for compliance with drawings and specifications while completing daily construction tasks to provide safe working conditions, stay on budget, and meet project deadlines. He reviews and provides recommendations to improve design, construction methods, and materials based on field or changing project conditions. He performs constructability reviews encompassing independent, structured assessments of construction bid documents for the client's efficiency and budgetary concerns. Marc maintains the ATSSA Traffic Control Supervisor (TCS) and Flagger certifications and has completed the CPTP SCS Cybersecurity WBT training.

07/19 - 06/24 \*

**S.P. No. H.011670, Loyola Dr./Interstate 10 (I-10) Interchange to New Airport Terminal (LANOIA) Design-Build Project; LADOTD; Jefferson Parish, LA** – Assistant Project Engineer. The Owner Verification firm provided all necessary engineering & related services for Design-Build Construction Support Services for the administration of the Design-Build contract on behalf of LADOTD, along with managing the implementation of the Project's Construction Quality Assurance Program (CQAP). Marc oversaw the inspectors performing owner verification and the QC firm on the daily field operations. He assisted the Project Engineer with design review meetings and field operations.

07/24 - Ongoing

**S.P. No. H.011137.6, I-12 Widening: LA 1077 to LA 21; LADOTD; Covington, LA** – Project Engineer. Marc serves as the Project Engineer on this project for the widening of I-12 from LA 21 to LA 1077. The project includes over 4.5 miles of roadway widening and the construction of bridge widening over LA 21. Marc ensures compliance with LADOTD contract specifications, supervises staff engaged in the contract administration, coordinates regularly with the LADOTD District Project Coordinator and LADOTD Project Manager, and assists in resolving field construction issues. Marc is accountable for the draft, review, and approval of contract change orders as well as review and recommendations of payment.



## 16. Staff Experience: Marc Dunn, PE | T. Baker Smith, LLC - continued

04/23 - 06/24 *	<b>S.P. No. H.010960, LA 30 Roundabouts at Tanger Mall and I-10; LADOTD; Ascension Parish, LA</b> – Project Engineer. Marc was the project Engineer of the construction of the 3 roundabouts at the intersection of LA 30 and Interstate 10 in Gonzales, LA near Tanger Mall.
05/15 - 06/24 *	<b>S.P. No. H.009479, West Larose Vertical Lift Bridge Rehabilitation; LADOTD; Lafourche Parish, LA</b> – Engineer. Marc assisted the Project Engineer with rehabilitating the West Larose Bridge. The project includes the construction of a new fender system, the removal of the existing paint system and repainting, structural repairs and bolt replacement, and rehabilitation of the electrical and mechanical systems.
08/20 - 02/23 *	<b>RR166 / St. Bernard Group A: New Orleans, LA</b> – Project Engineer. Marc oversaw the construction of water main installation and replacement, as well as street repair in the St. Bernard Neighborhood in New Orleans, Louisiana for the Sewerage and Water Board of New Orleans and the City of New Orleans Department of Public Works.
01/14 - 06/19 *	<b>East Baton Rouge City Parish Street and Road Rehabilitation Program; East Baton Rouge Parish, LA</b> – Engineer. Marc assisted the Project Engineer which began in 1990. Marc provided oversight of inspectors, developed plans and quantities for upcoming projects, handled partial estimates and change orders and assisted the project engineer on project administration for the past five years. My previous employer had been the prime consulting engineer, responsible for all aspects of construction inspection for all City of Baton Rouge Street Improvements. These projects include a variety of rehabilitations jobs; PPC paving patching, asphalt patching, asphaltic concrete overlay, crack sealing and full reconstruction including soil cement. Mr. Dunn has served as Engineer on the following projects: 14-09 Winbourne Ave, 14-15 Crack Sealing, 15-01 Carrington Place, 15-02 H.010648 Acadian Thruway Project, 15-03 Santa Maria, 15-04 Magnolia Trace & Shadows of White Oak, 15-05 Brookstown, 15-06 H.010650 OLOL Project, 15-07 Old Perkins Barringer Foreman, 15-08 Woodale & Lobdell, 15-09 Pearirs Road & Comite Drive, 15-10 Crack Sealing, 15-11 PCC Partial Depth Patching, 15-12 Stumberg, 16-01 H.011364 Goodwood Blvd., 16-02 H.011363 Sherwood Blvd., 16-03 Sherwood Forest Streets, 16-04 Dalrymple, 16-05 Bluebonnet and Nicholson, 16-06 Arbor Walk, 16-07 Choctaw, Prescott and Airway, 16-09 Goodwood and Sherwood Forest, 16-10 H.011842 Chocktaw Drive Pavement Preservation. (DPW Project No. 15-CEST-0001)
02/15 - 05/17 *	<b>S.P. No. H.006831, Baton Rouge ITS Deployment Phase 3; LADOTD; Ascension, East Baton Rouge, Iberville, Livingston, Pointe Coupee, and West Baton Rouge Parishes, LA</b> – Engineer Intern. Marc assisted the Project Engineer with the Engineering and Inspection services for the Baton Rouge ITS Deployment Phase 3 Project. The project consisted of construction and integration of five (5) new DMS sites, ten (10) new CCTV sites, one (1) new hub site, thirty (30) Bluetooth Vehicle Detectors (combined with new and existing sites), and five (5) miles of new fiber optic build-out, conduit, and associated pullboxes.
* previous employer	

## 16. Staff Experience



Firm employed by: **T. Baker Smith, LLC**

Name	<b>Michael Ball, EI</b>	Years of relevant experience with this employer	1
Title	<b>Engineer Intern</b>	Years of relevant experience with other employer(s)	6

Degree(s) / Years / Specialization	Bachelor of Science / 2018 / Civil Engineering		
Active registration number / state / expiration date	EI.35889 / Louisiana / 03.31.2025		
Year registered	2024	Discipline	Civil Engineering Intern
Contract role(s) / brief description of responsibilities	<b>Construction Support</b> / Michael will assist the Project Engineer in contract administration and engineering services on the project.		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		

Michael Ball, EI joined TBS as a Project Manager for our CE&I Engineering group. His experience includes project management for CE&I projects, water resources, pavement design, advanced surveying, private and public bidding, scheduling, permitting, and utility infrastructure.

01/24 - Ongoing	<b>S.P. No. H.011137.6, I-12 Widening: LA 1077 to LA 21; LADOTD; Covington, LA</b> – Project Manager, Michael performs periodic site inspections, manages the inspection force on the project, reviews plans and specifications, hosts weekly progress meetings, coordinates all material sampling and testing, reviews change order requests and prices for extra work, routes and executes project RFIs, administers all project records and payments using the Sitemanager system, and compiles documentation for all consultant invoices on this project. Michael also coordinates and resolves construction issues with the LADOTD district 62 lab engineer, project manager and project coordinator.
11/19-06/20 *	<b>Project No. W912P8-19-C-0075 Bayou Sauvage Dike Degrading; U.S. Army Corps of Engineers, New Orleans District, Orleans Parish, LA</b> – Quality Control Manager/Superintendent. This project consisted of degrading the exterior perimeter dike and interior dike to marsh elevation, and satisfactory disposal of all degraded material into lower areas of the marsh creation site. Michael was responsible for all quality control relating to elevation of degraded dikes, determining satisfactory disposal sites, establishing on-site stationing to track progress, communication with quality assurance inspector and subcontractor, generating daily work reports and weather workday reports, updating as-built plans, and hosting on-site progress meetings with client.
09/20 - 01/24 *	<b>Farm To Market Sales</b> – Estimator/Assistant Project Manager. Managed the coordination of all sales accounts, including related logistics and communications. Developed new logistical plans to generate more efficiency and profits. Generated new sales report structure for improved analysis and sales performance. He also attends weekly meetings with the team and contractor, he analyzes and approves the CRM scheduling.

## 16. Staff Experience: Michael Ball, EI | T. Baker Smith, LLC - continued

02/19 - 08/20 *	<b>Cycle Construction Company/Cycle Marine Group</b> – Estimator/Assistant Project Manager and Quality Control Manager/ Superintendent. Generated cost estimates for private and public bids ranging from, but not limited to projects entailing levee construction, utility infrastructure, pump stations, roadway construction, earthwork, structural foundations, bulkheads, and flood mitigation. Performed cut/fill earthwork projections. Management of scheduling, permitting, budgeting, and communication with project owners. Managed a flood mitigation project in Bayou Sauvage National Refuge for the US Army Corps of Engineer, while dually acting as the Quality Control Manager.
05/18 - 08/18 *	<b>IDS Engineering</b> – Intern. Collaborated in teams with project managers and design engineers. Completed two designs for proposed subdivision builds, which included the design of stormwater, wastewater, earthwork, and roadways. Assisted with multiple engineers' proposals and designs. Communicated with various municipal entities relative to the design and completion of projects. Offered full-time position upon completion of internship.
* previous employer	

## 16. Staff Experience



Firm employed by: **Crescent Engineering & Mapping, LLC**

Name **Dennis M. Hymel, Jr., PE**

Years of relevant experience with this employer

3

Title **President/General Manager**

Years of relevant experience with other employer(s)

17

Degree(s) / Years / Specialization

Bachelor of Science / 2009 / Civil Engineering

Active registration number / state / expiration date

38172 / LA / 09/30/2025

Year registered

2013

Discipline

PE / Civil Engineering

Contract role(s) / brief description of responsibilities

**Deputy Project Manager** / Dennis will oversee project elements for task orders assigned to Crescent Engineering.

Experience dates  
(mm/yy-mm/yy)

Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).

04/22 – Ongoing

**LA 3127 Widening (LA 20 to LA 3213), St. James Parish, LA (St. James Parish)** – Project Manager/EOR. Responsible for overall project management and oversight and supervision of all project elements including topographic surveys, traffic analysis and report, roadway widening design, roundabout geometrics, pavement design, drainage design and H&V geometrics. The project involves widening the existing 2-lane roadway to a 4-lane divided median roadway and includes two multi-lane roundabouts, an R-Cut intersection and multiple J-Turn intersections for over 4 miles of arterial widening. Also responsible for the oversight of geotechnical and environmental subconsultants.

08/22 – Ongoing

**St. James Parish Road Improvements (FY2022 – FY2024), St. James Parish, LA (St. James Parish)** – Project Manager/Engineer of Record. Performed site reconnaissance and provided a prioritization matrix of roadway improvements encompassing over 11 miles throughout St. James Parish for three (3) annual roadway rehabilitation programs involving pavement patching, mill and overlay. Also responsible for the oversight of topographic survey operations, design elements including horizontal and vertical alignments and drainage design, provided pavement rehabilitation recommendations, quantity calculations, construction cost estimates and preliminary and final plan production. Provided bidding and construction support throughout the construction of the 2022 and 2023 programs.

09/18 – 08/21  
(previous employer)

**S.P. H.001344, US 190: LA 437 to US 190 BUS (Ph. 1), St. Tammany Parish (LADOTD)** – Supervising/QC Engineer. Performed QC/QA duties of urban roadway design elements including horizontal and vertical geometry, intersection design, concrete curb, graphical grading, striping/signing, construction phasing, roadway barrier and footing details, and oversight of roadway plan production for a one mile, 5-lane urban roadway reconstruction.. Coordinated utility conflicts and relocations, and the geotechnical engineering design of bridge footings and embankment settlement.

09/16 – 08/21  
(previous employer)

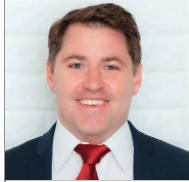
**S.P. H.011152, I-12 Widening (US 190 to LA 59), St. Tammany Parish, LA (LADOTD)** – Project Manager/Engineer of Record. Responsible for the overall project management, bridge design and all roadway design elements including H&V alignments, interchange geometrics, drainage, preparation of a Level 4 TMP and construction phasing plans along the mainline and interstate ramps. Responsible for coordination of geotechnical design and performed Construction Support Services. Design completed under an accelerated project schedule.

## 16. Staff Experience: Dennis M. Hymel, Jr., PE | Crescent Engineering & Mapping, LLC - continued

08/24 - Ongoing	<b>S.P. H.015568, LA 44: Pelican Point Roundabout and Widen, Ascension Parish, LA (LADOTD)</b> – Project Manager/Supervising Engineer. Responsible for overall project management and supervision of the design effort and plan preparation of a multi-lane roundabout at the intersection of LA 44 and Pelican Point Parkway in Gonzales, LA. Project also includes 1-mile of urban collector roadway widening design from a 2-lane to a 4-lane roadway with a divided median including multiple J-turn intersections and bridge widening or reconstruction design.
04/16 – 08/21 (previous employer)	<b>S.P. H.013116, LA 20 Widening (LA 307 to S. Vacherie), St. James &amp; Lafourche Parishes (LADOTD)</b> – Project Manager/Supervising Engineer. Responsible for the oversight of topographic survey, roadway and bridge design services for the 1.9 mile safety widening of LA 20 near Vacherie, LA. Supervised all plan production activities and major roadway and bridge design elements including H&V geometrics, striping/signing, drainage design, roadway/bridge construction phasing, bridge superstructure and substructure elements, LRFR analysis and rating. Also responsible for the oversight of the geotechnical design of pavement and settlement analysis as well as concrete pile design.
03/14 – 08/21 (previous employer)	<b>S.P. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD)</b> – Project Manager/ Engineer of Record. Performed field and office QC of topographic surveys, lead the design team as EOR and was responsible for all roadway design elements including hydraulics, roadway H&V geometrics, superelevation, intersection design, R-CUT and J-turn intersections, prepared Level 3 Traffic Management Plan, prepared roadway plans, served as bridge design QC engineer for twin 4-span AASHTO Type III girder bridges over Talisheek Creek, oversaw entire plan production for 5.5-mile, greenfield, new corridor including a four-lane rural roadway from LA 435 to Bush, LA.
03/13 – 08/14 (previous employer)	<b>Parish Project No. 13028, 2013 Road Sales Tax District A Improvements, Lafourche Parish Government, Lafourche Parish, LA</b> – Project Manager/Engineer of Record. Responsible for the oversight of topographic surveys, roadway design and plan preparation for the milling, overlay, reconstruction, and concrete curbing and panel replacement of 12 roadways encompassing 7 miles within Lafourche Parish. Responsible for the development of construction cost estimates, bidding documents and drafting of special provisions.
02/16 – 09/16 (previous employer)	<b>S.P. No. H.012291, City of Thibodaux Overlay Projects, LADOTD, Thibodaux, LA</b> – Supervising Engineer. Responsible for the oversight of roadway design and plan preparations services for the mill/overlay/patching of 3 roads in Thibodaux, LA. Also oversaw all cost estimates and preparation of special provision.
02/18 - Ongoing	<b>ENG-17-013 &amp; MA-23-01, LA 3127 Extension (LA 70 to LA 1), Ascension Parish, LA (Ascension Parish)</b> – Project Manager/EOR. At previous employer, SUE QL D-A EOR, QC of surveys, responsible for developing Stage 0 report, Line and Grade, roadway design and bridge design (LG-36 girders) for 175' bridge over Bayou Lafourche and curved RC Slab spans over Bayou Napoleon. Currently managing Environmental Assessment and responsible for roadway and bridge design of 8.5 mile, 4-lane, greenfield, new corridor project creating an evacuation route, industrial and heavy vehicle by-pass around Donaldsonville, LA.
03/15 – 05/18 (previous employer)	<b>S.P. H.004932, I-49 South @ LA 318 Interchange, St. Mary Parish. LA (LADOTD)</b> – Project Manager & Engineer of Record. Responsible for Design-Build team coordination, Value Engineering Assessment, roadway geometric design including H&V geometry, hydraulic design including SDP, SD and CDP, intersection layout and design, striping/signing, TMP, environmental support including public hearings and oversight of plan production for nearly (3) miles of RC-2 classification frontage roads for new Interchange on I-49 South.



## 16. Staff Experience



Firm employed by: **Crescent Engineering & Mapping, LLC**

Name **Paul I. Olivier, PE**

Years of relevant experience with this employer 1.5

Title **Engineering Manager**

Years of relevant experience with other employer(s) 13

Degree(s) / Years / Specialization

Bachelor of Science / 2010 / Civil Engineering

Active registration number / state / expiration date

39967 / LA / 03/31/2026

Year registered

2015

Discipline

PE / Civil Engineering

Contract role(s) / brief description of responsibilities

**Roadway Design Lead** / Paul will be responsible for project design elements and will over see plan production for task orders assigned to Crescent Engineering.

Experience dates  
(mm/yy-mm/yy)

Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).

02/23 - Ongoing

**LA 3127 Widening (LA 20 to LA 3213), St. James Parish, LA (St. James Parish)** – Supervising Engineer. Provided oversight of project design elements and plan production for the widening of an existing 2-lane roadway to a 4-lane divided median roadway with multiple roundabouts and J-turn intersections. Conducted reviews of H&V alignments, roadway and roundabout geometrics, drainage design and all plan submittals.

09/18 – 01/23 (previous employer)

**S.P. H.001344, US 190: LA 437 – US 190 BUS (Ph. 1), St. Tammany Parish, LA (LADOTD)** – Project Manager/Engineer of Record. Engineer of Record responsible for the widening of a 0.9 mile stretch along US 190 from LA 437 to US 190 (Bus.) in Covington, LA. Oversaw plan preparation and the design of project elements such as H&V alignments, superelevation design, roadway geometrics, existing and design drainage maps, striping/signing, typical sections, curb details, graphical grades, concrete joint layouts and inroads modeling of a 5-lane, raised, divided median urban arterial roadway in Covington, LA. Provided quality control of bridge plans, project pay items, quantity take-offs and cost estimate. Also responsible for the development of a utility conflict matrices and Level 4 TMP Document including the analysis and justification for the temporary closure of LA 21 at the bridge crossing at US 190. Also provided Construction Support in the form of reviewing and responding to RFI's, contractor submittals and shop drawings.

03/23 - Ongoing

**St. James Parish Road Improvements (FY2023 – FY2024), St. James Parish, LA (St. James Parish)** – Supervising Engineer. Oversaw design and plan production for the milling, overlay, patching, reconstruction and concrete curb and gutter replacement of several roads throughout St. James Parish. Also responsible for creation of H&V alignments, grading, quantity take-offs, construction cost estimates and assisted in development of bidding documents, special provisions and provided construction support services.

08/24 - Ongoing

**S.P. H.015568, LA 44: Pelican Point Roundabout and Widen, Ascension Parish, LA (LADOTD)** – Engineer of Record. Responsible for the design effort and plan preparation of a multi-lane roundabout at the intersection of LA 44 and Pelican Point Parkway in Gonzales, LA. Project also includes 1-mile of roadway widening design from a 2-lane to a 4-lane roadway with a divided median including multiple J-turn intersections and bridge widening or reconstruction design. Responsible for all horizontal/vertical alignments, roundabout/j-turn geometrics, superelevation design and calculations, bridge ts&l and public meeting exhibits.

## 16. Staff Experience: Paul I. Olivier, PE | Crescent Engineering & Mapping, LLC - continued

04/16 – 01/23 (previous employer)	<b>S.P. H.013116, LA 20 Widening (LA 307 to S. Vacherie), St. James &amp; Lafourche Parishes (LADOTD)</b> – Lead Road Design Engineer. Responsible all roadway design and plan production activities for the safety widening of LA 20 near Vacherie, LA. Led the design of roadway elements including H&V alignments, drainage design, construction phasing, superelevation design, guardrail design, striping/signing and inroads modeling. Also performed quantity calculations and construction cost estimates and assisted in preparation of environmental drawings to obtain environmental clearance.
09/16 – 10/22 (previous employer)	<b>S.P. H.011152, I-12 Widening (US 190 to LA 59), St. Tammany Parish, LA (LADOTD)</b> – Lead Road Design Engineer. Led roadway design including H&V geometrics, drainage design, mainline and interchange construction phasing, embankment widening, guardrail, striping/signing and inroads modeling and assisted with the preparation of a Level 4 TMP. Also responsible for oversight of all plan production activities, performed quantity calculations and construction cost estimating, and assisted with construction support in the form of reviewing RFI's and contractor shop drawing for the 4-mile widening of I-12 near Covington, LA. Design completed under an accelerated project schedule.
03/14 – 01/23 (previous employer)	<b>S.P. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD)</b> – Project Engineer/EOR. Led roadway design including hydraulics, drainage, roadway H&V geometrics, superelevation, intersection design, R-CUT and J-turn intersections, roundabout layouts, assisted with Level 3 Traffic Management Plans and led oversight of roadway plan production for 5.5-mile, four-lane rural roadway from LA 435 to Bush. Also provided Construction Support in the form of reviewing and responding to RFI's, contractor submittals and shop drawings.
03/13 – 08/14 (previous employer)	<b>Parish Project No. 13028, 2013 Road Sales Tax District A Improvements, Lafourche Parish Government, Lafourche Parish, LA</b> – Project Engineer. Led the roadway design and plan preparation effort for the milling, overlay, reconstruction, and concrete curbing and panel replacement of 12 roadways encompassing 7 miles within Lafourche Parish. Responsible for the creation of horizontal and vertical alignments and the development of all plan sheets and cost estimates.
07/19 – 07/20 (previous employer)	<b>Degravelle Road Improvements, St. Mary Parish Government, St. Mary Parish, LA</b> – Project Manager. Responsible for overall project management and supervision of the design and plan preparation associated with the milling/overlay and reconstruction of 6 roads encompassing over 2.5 miles in Amelia, LA. Also prepared cost estimates, bidding documents, special provisions, and performed construction support services including oversight of project inspectors, pay apps, construction submittals and contractor RFI's.
02/16 – 09/16 (previous employer)	<b>S.P. No. H.012291, City of Thibodaux Overlay Projects, LADOTD, Thibodaux, LA – Project Manager/Engineer of Record.</b> Responsible for the project management, design and plan preparation associated with the milling/overlay and patching of 3 roads throughout Thibodaux. Responsible for determination of patching locations, quantity calculations, cost estimates, typical sections and superelevation design.
02/20 – 01/23 (previous employer)	<b>S.P. H.012812, US 190 Roundabouts @ Northshore, Camp Villere, St. Tammany Parish, LA (LADOTD)</b> – Project Manager/Supervising Engineer. Led all design and plan preparation activities on a multi-lane roundabout at the intersection of US 190 and Northshore Blvd. and a single lane roundabout at the intersection of US 190 and Camp Villere Rd. in Slidell, LA. Provided quality control and design oversight of all project elements including H&V alignments, drainage design, striping/signing, construction phasing, roundabout geometrics, autoturn movements, graphical grades, concrete joint layouts, typical sections, inroads modeling, quantity calculations and required right-of-way impacts. Provided environmental support with preparation of project exhibits to be utilized for Public Meetings.

## 16. Staff Experience

	Firm employed by: <b>Crescent Engineering &amp; Mapping, LLC</b>			
	Name	<b>Abbey F. Falcon, PE</b>	Years of relevant experience with this employer	2
	Title	<b>Project Engineer</b>	Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization		Bachelor of Science / 2017 / Civil Engineering		
Active registration number / state / expiration date		46035 / LA / 03/31/2026		
Year registered	2021	Discipline	PE / Civil Engineering	
Contract role(s) / brief description of responsibilities		<b>Roadway Design Engineer</b> / Abbey will perform road design and plan preparation for task orders assigned to Crescent Engineering.		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
07/22 – Ongoing	<b>LA 3127 Widening (LA 20 to LA 3213), St. James Parish, LA (St. James Parish)</b> – Project Engineer. Lead design engineer for several project elements such as H&V alignments, drainage design, roundabout and J-turn geometrics, and preliminary inroads modeling for over 4 miles of arterial widening. Project involves widening the existing roadway from a 2-lane to a 4-lane divided and includes two multi-lane roundabouts, geotechnical, environmental for over 4 miles of arterial widening.			
08/22 – Ongoing	<b>St. James Parish Road Improvements (FY2022 – FY2024), St. James Parish, LA (St. James Parish)</b> – Project Engineer. Assisted with the design and plan preparation for the pavement preservation and rehabilitation of over 11 miles of roadways in St. James Parish. Responsible for the development and quality control reviews of plan sheets and project quantities.			
09/18 – 04/22 (previous employer)	<b>S.P. H.001344, US 190: LA 437 – US 190 BUS (Ph. 1), St. Tammany Parish, LA (LADOTD)</b> – Project Engineer. Assisted with all roadway design elements on the 1-mile Urban, multi-lane roadway widening project including roadway geometrics, graphical grades and drainage design. Prepared quantities, performed Inroads roadway modeling, prepared summary sheets, typical sections, detailing, assisted with the preparation of preliminary and final roadway plans.			
05/17 – 08/21 (previous employer)	<b>S.P. H.011152, I-12 Widening (US 190 to LA 59), St. Tammany Parish, LA (LADOTD)</b> – Project Engineer. Assisted with all roadway design elements on the 4-mile Interstate widening project including geometrics, Level 4 TMP and drainage. Prepared quantities, Inroads roadway modeling, summary sheets, typical sections, detailing, Sequence of Construction sheets, prepared preliminary and final roadway plans. Accelerated project schedule.			
06/17 – 06/21 (previous employer)	<b>S.P. H.004113, I-12 to Bush: LA 3241(LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD)</b> – Project Engineer. Assisted with several roadway design elements for a 5.5 mile, 4-lane corridor project including J-turn and R-cut intersection geometrics, superelevation calculations, inroads modeling and quantity calculations. Also assisted with the hydraulic analysis of all roadside ditches, side drain pipes and major cross drain pipes. Responsible for the development of the existing and design drainage maps.			

## 16. Staff Experience: Abbey F. Falcon, PE | Crescent Engineering & Mapping, LLC - continued

08/24 - Ongoing	<b>S.P. H.015568, LA 44: Pelican Point Roundabout and Widen, Ascension Parish, LA (LADOTD)</b> – Project Engineer. Assisted in the design effort and conceptual roundabout layouts for the multi-lane roundabout at the intersection of LA 44 and Pelican Point Parkway and the widening of an urban collector from a 2-lane to a 4-lane roadway in Gonzales, LA. Also reviewed roundabout and intersection geometrics and bridge ts&l.
07/17 – 06/21 (previous employer)	<b>S.P. H.013116, LA 20 Widening (LA 307 to S. Vacherie), St. James &amp; Lafourche Parishes (LADOTD)</b> – Project Engineer. Assisted with H&V geometrics, roadway drainage design, roadway and bridge plan production, Inroads modeling, quantity calculations for the 2.7 mile rural safety widening project including split phased bridge construction of the RC slab span bridge over unnamed Bayou.
07/20 – 05/22 (previous employer)	<b>Contract No. 4400017598, Rural Bridge Replacement Initiative (Phase 1), LADOTD, Districts 04, 05, 08, and 58</b> – Engineer of Record. Lead Engineer for the design and plan production of 11 bridge replacements (4 state projects) throughout Central and North Louisiana. Prior to design, conducted project site visits, compiled survey field packs and survey request forms, and reviewed topographic survey deliverables. Responsible for the development of all road and bridge design elements including H&V alignments, bridge hydraulic design, roadway cross sectional elements, guardrail calculations, geometrical layouts, summary sheets and cost estimates. Delineated the drainage basins for several sites, determined the peak discharge at each bridge site utilizing HYDR1130, and ran the hydraulics model through GEO-HECRAS to determine design water surface elevations, velocities, backwater, and flow area. Produced Final Hydraulic Reports and Scour Memorandum for several sites. Reviewed and assisted in the production of Preliminary and Final R/W Maps. Also responsible for the development of all additional project documentation including Design Report Forms, Bridge and Hydraulic Design Criteria, Design Exceptions and Design Waivers.
09/18 – 08/20 (previous employer)	<b>MA-17-01, Roddy Road Widening (LA 935 to LA 621), Ascension Parish Government, Ascension Parish, LA</b> – Project Engineer. Assisted with several roadway design elements including quantity calculations, striping/signing and construction phasing for a 1.5 mile widening and reconstruction project in Gonzales, LA. Also performed hydraulic analysis and calculations of all roadside ditches, side drain pipes and cross drain pipes. Performed all calculations in LADOTD HYDRWIN Programs including HYDR1120, HYDR1130 and HYDR1140 in order to determine ditch depths, pipe sizes and headwater/tailwater elevations.
06/22 – Ongoing	<b>EN22-0181, Rousseau Rd. over Tchefuncte River, St. Tammany Parish, LA (St. Tammany Parish Government)</b> – Project Engineer. Led several roadway design elements for an offset alignment, H&V geometrics, drainage and assisted with bridge design elements including special span/bents, bridge TS&L development, environmental assistance, and subconsultant coordination for the replacement of the existing 4-span bridge near Covington, LA.
05/23 – 05/24	<b>S.P. H.015025, Mclin Road over Darling Creek, St. Helena Parish, LA (LADOTD)</b> – Lead Project Engineer/EOR. Responsible for all roadway and bridge design including H&V geometrics, drainage design, hydraulics and scour analysis, foundation layout, curved RC slab spans and approach slabs, guardrail design, GPE, on-site detour design, Inroads modeling, developed bridge TS&L, oversight of road and bridge plan production. Topographic survey, design and plans were completed in 13 months as part of an accelerated design schedule.
06/22 – Ongoing	<b>S.P. No's. H.015333, H.015404 &amp; H.015407: Tangipahoa IJA Bridge Replacements, Tangipahoa Parish (LADOTD)</b> – Lead Project Engineer/EOR. Responsible for all roadway design elements and plan production involved with the spot replacement of 4 bridge structures located along Old Genessee Rd. (2 sites), Easley Rd., and Lewiston Rd. located throughout Tangipahoa Parish. Performed QC review of topographic surveys and is responsible for design elements including H&V geometrics, roadside and structure hydraulics, construction phasing, detour plans, inroads modeling, quantity calculations and cost estimates.

## 16. Staff Experience



Firm employed by: **Crescent Engineering & Mapping, LLC**

Name **James P. Ledet, PE, F. ACEC**

Years of relevant experience with this employer

1.5

Title **Quality Control Engineer**

Years of relevant experience with other employer(s)

44

Degree(s) / Years / Specialization

Bachelor of Science / 1982 / Civil Engineering

Active registration number / state / expiration date

22428 / LA / 03/31/2026

Year registered

1986

Discipline

PE / Civil Engineering

Contract role(s) / brief description of responsibilities

**QA/QC** / Jimmy will serve as the Quality Control Manager for task orders assigned to Crescent Engineering.

Experience dates  
(mm/yy-mm/yy)

Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).

05/24 - Ongoing

**LA 3127 Widening (LA 20 to LA 3213), St. James Parish, LA (St. James Parish)** – Quality Control Engineer. Responsible for QC reviews of roadway design elements including H&V alignments, roundabout and j-turn geometrics and drainage design for the widening of an existing roadway from 2-lane to 4-lane with a divided median and two multi-lane roundabouts.

08/22 - Ongoing

**St. James Parish Road Improvements (FY2022 – FY2024), St. James Parish, LA (St. James Parish)** – Quality Control Engineer. Responsible for QC reviews of design, plans, quantities and cost estimates associated with the pavement preservation and rehabilitation of over 11 miles of roadways in St. James Parish.

05/15 – 08/17  
(previous employer)

**S.P. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD)** – Senior Supervising Engineer. Supervision and oversight of topographic survey, right-of-way mapping and roadway design services including QC of hydraulic analysis, r-cut and j-turn geometrics, construction phasing and supervision of plan production for the new 5.5-mile, four-lane RA-3 roadway from LA 435 to Bush, LA.

10/09 – 11/17  
(previous employer)

**07-EXT-22, Bayou Gardens Blvd. Extension (LA 660 to LA 316), Terrebonne Parish, LA (Terrebonne Parish)** – Supervising Engineer. Responsible for the oversight of the topographic survey, right-of-way mapping, roadway design and bridge design for a new 1.6-mile, 2-lane, urban arterial roadway extension in Houma, LA. Also responsible for review of all major road design elements including horizontal and vertical alignments, roadway and intersection geometrics, major cross drain and storm drain design, graphical grades, joint layouts, superelevation calculation and project quantities. Oversaw plan production and provided bidding and construction support for the project.

07/22 - Ongoing

**S.P. H.015333, H.015404, H.015407 – Tangipahoa IIJA Bridge Replacements, Tangipahoa Parish, LA (LADOTD)** – Quality Control Engineer. Responsible for QC reviews of roadway and bridge design including bridge TS&L, bridge hydraulics and scour analysis, roadway and bridge H&V geometry, reviewed roadway and bridge plans and bridge details, review calculations for the replacement of 4 bridge sites Parish-wide in Tangipahoa with RC Slabs and RCB's.



## 16. Staff Experience: James P. Ledet, PE, F. ACEC | Crescent Engineering & Mapping, LLC - continued

1994 – 1997 (previous employer)	<b>S.P. 413-01-0011, Hollywood Rd./LA 311 Intersection Improvements/Bridge Replacement, Terrebonne Parish, LA (LADOTD)</b> – Engineer of Record/Project Manager. Responsible for design of roadway, hydraulics, utility relocations, drainage improvements, intersection geometry, permanent striping and signing, construction phasing, bulkheads and bridge design services for intersection improvement and Off-System bridge replacement project.
11/99 – 01/01 (previous employer)	<b>S.P. 742-07-0019, Bayou Gardens Blvd. Widening: LA 659 to Alma St., Terrebonne Parish, LA (LADOTD)</b> – Engineer of Record/Project Manager. Responsible for topographic surveying, roadway design including H&V alignments, roadway geometrics, intersection improvements, subsurface drainage design and quantity calculations for the one-mile UA-2 widening project. Also responsible for all plan production activities and provided construction support.
03/13 – 08/14 (previous employer)	<b>Parish Project No. 13028, 2013 Road Sales Tax District A Improvements, Lafourche Parish Government, Lafourche Parish, LA</b> – Supervising. Performed quality control reviews associated with the milling, overlay, reconstruction, and concrete curbing and panel replacement of 12 roadways encompassing 7 miles within Lafourche Parish. Reviewed project quantities, and performed constructability and biddability reviews of plans.
02/05 – 05/08 (previous employer)	<b>S.P. 246-01-0054, Route LA 57: Grand Caillou Road, Terrebonne Parish, LA (LADOTD)</b> – Engineer of Record. Responsible for all roadway design aspects including H&V alignments, roadway geometrics, subsurface drainage design, quantity calculations, construction support and topographic survey for two-mile long UA-2, five-lane widening project.
12/22 – Ongoing	<b>S.P. H.015025, McIlin Road over Darling Creek, St. Helena Parish, LA (LADOTD)</b> – Quality Control Engineer. Responsible for QC reviews of roadway and bridge design including bridge TS&L, bridge hydraulics and scour analysis, roadway and bridge H&V geometry, reviewed roadway and bridge plans and bridge details, review calculations for the 3-span curved replacement structure. Accelerated design schedule.
02/23 – Ongoing	<b>EN22-0181, Rousseau Rd. over Tchefuncte River, St. Tammany Parish, LA (St. Tammany Parish)</b> – Quality Control Engineer. Responsible for QC reviews of roadway and bridge design elements including pavement widening vs. reconstruction options, H&V alignments, construction phasing, hydraulic and scour analysis and quantity calculations for the replacement of the existing 4-span bridge near Covington, LA.
04/23 – 03/24	<b>Bridges Near Amite and Bridges Near Independence, Tangipahoa Parish, LA (Tangipahoa Parish)</b> – Quality Control Engineer. Responsible for QC reviews of hydraulics and bridge design including bridge TS&L of alternatives including RC slabs and RCB's, bridge hydraulics and scour analysis, H&V geometry, review calculations and plan production/details, urban drainage design, for the replacement of five (5) bridge structures near Amite and Independence.
12/22 – Ongoing	<b>S.P. H.014992, McHugh Road over Brushy Bayou, East Baton Rouge Parish, LA (LADOTD)</b> – Quality Control Engineer. Responsible for QC reviews of roadway and bridge design including bridge TS&L, bridge hydraulics and scour analysis, roadway and bridge H&V geometry, reviewed roadway and bridge plans and bridge details, review calculations for the replacement structure using special 25' spans, special bents and cantilevered sidewalks for the replacement of the existing vehicular and pedestrian bridges near Baker, LA.
11/10 – 06/14 (previous employer)	<b>S.P. 713-29-0103, Tiger Drive Bridge over Bayou Lafourche, Lafourche Parish, LA (LADOTD)</b> – Engineer of Record. Responsible for topographic surveying, roadway design including approaches, utility relocations, bulkheads and drainage, and bridge design including special RC slabs, curved spans, special bents and rail elements, oversight of construction support and shop drawing review for the 183' long Urban bridge replacement.

## 16. Staff Experience



Firm employed by: **Crescent Engineering & Mapping, LLC**

Name **Luke Bourg**

Years of relevant experience with this employer

1

Title **Senior Project Technician**

Years of relevant experience with other employer(s)

15

Degree(s) / Years / Specialization

Associate of Applied Science/Drafting and Design/2008

Active registration number / state / expiration date

Year registered

Discipline

Contract role(s) / brief description of responsibilities

**Roadway Design - Sr. Design Technician** / Luke will be responsible for preparation of roadway plans for task orders assigned to Crescent Engineering.

Experience dates  
(mm/yy-mm/yy)

Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).

03/24 - Ongoing

**LA 3127 Widening (LA 20 to LA 3213), St. James Parish, LA (St. James Parish)** – Sr. Project Technician. Responsible for the creation and development of all plan sheets including typical section, plan & profiles, geometric layout sheets, tbm sheets. Also responsible for autoturning movements and inroads modeling for the widening of LA 3127 from 2-lanes to 4-lanes including two multi-lane roundabouts and multiple j-turn intersections.

09/18 – 03/22  
(previous employer)

**S.P. H.001344, US 190: LA 437 – US 190 BUS (Ph. 1), St. Tammany Parish (LADOTD)** – Sr. Project Technician. Responsible for roadway and bridge plan development, Microstation drafting and Inroads modeling, preparation of plan/profile, typical sections, cross sections, geometric layouts and details. Prepared bridge plans including span and bent details, footing details, LG girder details, framing plans, GPE, typical sections, approach slabs, retaining walls, foundation plan, pile layouts, bridge elevations schedule, girder data and camber tables and developed bridge quantities for an Urban 1,485 foot long LG 54/LG36 bridge along the 1 mile for the 5-lane widening section in Covington, LA.

04/23 - Ongoing

**St. James Parish Road Improvements (FY2023 – FY2024), St. James Parish, LA (St. James Parish)** – Sr. Project Technician. Responsible for the creation and development of all plan sheets including typical sections, plan & profile sheets and cross sections associated with the pavement preservation and rehabilitation of several roadways throughout St. James Parish. Also responsible for inroads modeling and assisted in the development of project quantities.

09/16 – 08/21  
(previous employer)

**S.P. H.011152, I-12 Widening (US 190 to LA 59), St. Tammany Parish, LA (LADOTD)** – Sr. Project Technician. Responsible for roadway and bridge plan development, Microstation drafting for the 4-mile widening of I-12 near Covington, LA including four (4) bridge structures, prepared bridge typical sections, GPE, span and bent details, AASHTO Type III girder details, framing plans, foundation plans, approach slab details, miscellaneous details, foundation and pile layouts, girder data and camber tables, developed bridge quantities, barrier details. Accelerated project schedule.

03/13 – 08/14  
(previous employer)

**Parish Project No. 13028, 2013 Road Sales Tax District A Improvements, Lafourche Parish Government, Lafourche Parish, LA** – Sr. Project Technician. Assisted in the development of engineering plans related to the rehabilitation and reconstruction of 12 separate roads throughout Lafourche Parish. Mr. Bourg assisted in the development of several plan sheets including typical sections, plan and profile sheets, graphical grades and cross sections.

## 16. Staff Experience: Luke Bourg | Crescent Engineering & Mapping, LLC – continued

07/19 – 07/20 (previous employer)	<b>Degravelle Road Improvements, St. Mary Parish Government, St. Mary Parish, LA</b> – Sr. Project Technician. Performed pre-design site visits alongside the Project Engineer to determine patching locations along Degravelle Road in Amelia, LA. Developed all plan sheets, including typical sections, plan and profile sheets, and cross sections, related to the asphalt roadway construction of a 1.5-mile road. In addition to plan development, Mr. Bourg was responsible for all inroads modeling and assisted in quantity take-off calculations.
02/16 – 09/16 (previous employer)	<b>S.P. No. H.012291, City of Thibodaux Overlay Projects, LADOTD, Thibodaux, LA</b> – Project Technician. Created plan sheets including Typical Sections, Plan Sheets and Summary Sheets for the mill, overlay and patching of 3 roadways in Thibodaux, LA.
02/20 – 10/22 (previous employer)	<b>S.P. H.012812 US 190 at Northshore and Camp Villere, LADOTD, St. Tammany Parish, LA</b> – Senior Project Technician. Assisted in the development of Preliminary and Final Plans of a multi-lane roundabout at the intersection of US 190 and Northshore Blvd. and a single lane roundabout at the intersection of US 190 and Camp Villere Rd. in Slidell, LA. Assisted in the creation of several plan sheets including typical sections, plan/profile sheets, geometric layouts and suggested sequence of construction.

## 16. Staff Experience



Firm employed by: **Crescent Engineering & Mapping, LLC**

Name	<b>Miles Loker, EI</b>	Years of relevant experience with this employer	<1
Title	<b>Engineer Intern</b>	Years of relevant experience with other employer(s)	2

Degree(s) / Years / Specialization			Bachelor of Science / 2024 / Civil Engineering		
Active registration number / state / expiration date			EI.0035876 / LA / 03/31/2025		
Year registered	2024	Discipline			
Contract role(s) / brief description of responsibilities			<b>Engineer Intern - Roadway Design</b> / Miles will serve as a Road Engineer Intern for task orders assigned to Crescent Engineering.		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
04/24 – Ongoing	<b>LA 3127 Widening (LA 20 to LA 3213), St. James Parish, LA (St. James Parish)</b> – Engineer Intern. Assisted with layout of roundabout geometrics as well as creation and development of several plan sheets including typical sections, plan & profiles, drainage plan & profiles, geometric layout sheets and tbm sheets for the widening of LA 3127 from 2-lanes to 4-lanes including two multi-lane roundabouts and multiple j-turn intersections.				
08/24 – Ongoing	<b>Lutcher Road Program, St. James Parish, LA (Town of Lutcher)</b> – Engineer Intern. Assisted with the design elements including H&V alignments, pavement design, patching locations and quantity take-offs. Also responsible for the plan development of sheets including Plan & Profiles, Typical Sections and Summary Sheets for the pavement preservation and rehabilitation of 5 roadways in the Town of Lutcher.				
05/22 – 03/24 (previous employer)	<b>Contract No. 4400019336, Rural Bridge Replacement Initiative (Phase 2) (40 bridge structures), LADOTD, Districts 04 and 05</b> – Project Technician. Assisted with the development of several plan sheets including typical sections, plan & profiles, sequence of construction, embankment widening and guard rail layout, summary sheets, summary of drainage structures, temporary erosion control and cross sections for the replacement of 40 structures in northern LA. Also assisted with the creation and development of permit drawings to be used in obtaining environmental clearance.				
05/24 – Ongoing	<b>EN22-0181, Rousseau Rd. over Tchefuncte River, St. Tammany Parish, LA (St. Tammany Parish)</b> – Engineer Intern. Assisted with the development of several roadway and bridge plan sheets including plan & profile sheets, geometric layouts, summary of drainage sheets, phased construction sheets, general plan & elevation, foundation layout and cross sections for replacement of the existing 4-span bridge near Covington, LA. Also responsible for the development of quantity calculations and summary tables.				
06/24 – Ongoing	<b>Brownswitch Rd. Bridge, Slidell, LA (St. Tammany Parish)</b> – Engineer Intern. Responsible for the review of the topographic survey and roadway design elements including H&V alignments, roadside ditch design, and hydraulic modeling and culvert sizing for both the mainline roadway and the temporary diversion structure along an urban collector roadway in Slidell, LA.				

## 16. Staff Experience: Miles Loker, EI | Crescent Engineering & Mapping, LLC - continued

05/24 - Ongoing	<b>S.P. H.015333, H.015404, H.015407 – Tangipahoa IIJA Bridge Replacements, Tangipahoa Parish, LA (LADOTD)</b> – Engineer Intern. Assisted with the preparation of Final Plans for four (4) bridge replacement structures throughout Tangipahoa Parish. Responsible for the creation of temporary erosion control sheets, permanent marking layouts and summary of drainage structure sheets. Also assisted with development of project quantities and summary tables.
04/24 - Ongoing	<b>S.P. H.015334 – 9th St. Bridge over St. Louis Canal, Terrebonne Parish, LA (LADOTD)</b> – Engineer Intern. Responsible for the creation and development of Preliminary Plans including typical sections, plan & profile sheets, sequence of construction, detail of detour, gp&e and foundation layout for the replacement of a 3-span bridge in Houma, LA.



## 16. Staff Experience



Firm employed by: **Crescent Engineering & Mapping, LLC**

Name **Matthew J. Ledet, PLS**

Years of relevant experience with this employer

2.5

Title **Survey Manager**

Years of relevant experience with other employer(s)

17

Degree(s) / Years / Specialization

Bachelor of Science / 2008 / Manufacturing Engineering Technology  
Bachelor of Science / 2010 / Geomatics

Active registration number / state / expiration date

5104 / LA / 9/30/2026

Year registered

2014

Discipline

PLS / Surveying

Contract role(s) / brief description of responsibilities

**Survey Lead** / Matt will lead the topographic surveying & R/W Mapping effort for task orders assigned to Crescent Engineering; satisfies **MPR #4**.

Experience dates  
(mm/yy-mm/yy)

Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).

04/22 – 02/23

**LA 3127 Widening (LA 20 to LA 3213), St. James Parish, LA (St. James Parish)** – Lead/Surveyor of Record. Led topographic survey, performed and reviewed data processing and corrections, performed digital leveling of control monuments, coordinated survey field crews for the topographic surveys of 4.5 miles of roadway widening with a 350' wide .DTM in accordance with LADOTD survey standards using Microstation/Inroads and CAD conform including GPS control establishment and SUE locates. Oversaw preparation of control and topo survey deliverables.

08/22 – 05/24

**St. James Parish Road Improvements (FY2022 – FY2024), St. James Parish, LA (St. James Parish)** – Lead/Surveyor of Record. Led topographic survey, performed data processing, coordinated with field crews and responsible for establishment of GPS control of over 11 miles of roadway rehabilitation projects throughout St. James Parish.

04/14 – 12/18  
(previous employer)

**S.P. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD)** – Lead/Surveyor of Record. Led topographic survey, performed data processing and corrections, coordinated survey field crews for the topographic surveys of 5.5 miles of virgin, wooded, greenfield terrain with a 300' wide .DTM, including control densification and SUE locates. Prepared all topo survey deliverables. Performed property surveys and created 60% Base and Final R/W maps including 101 parcels for the 5.5-mile, four-lane, new corridor roadway from Talisheek to Bush, LA.

02/18 – 12/18  
(previous employer)

**ENG-17-013, LA 3127 Extension (LA 70 to LA 1), Ascension Parish, LA (Ascension Parish Government)** – Lead/Surveyor of Record. Led topographic survey, performed and reviewed data processing and corrections, digital leveling of control monuments, coordinated survey field crews for the topographic surveys of 6.8 miles of virgin, wooded, greenfield terrain with a 350' wide .DTM in accordance with LADOTD survey standards using Microstation/Inroads and CAD conform including GPS control establishment and SUE locates. Performed title take offs, property surveys, prepared base right of way maps including 12 parcels for the 6.8-mile roadway extension project including several bridge sites.

03/22 – 07/22

**S.P. H.015333, H.015404, H.015407 – Tangipahoa IJA Bridge Replacements, Tangipahoa Parish, LA (LADOTD)** – Lead/Surveyor of Record. Responsible for topographic surveys, crew coordination, data processing, existing drainage maps, GPS control establishment and digital leveling for the replacement of 5 bridge sites Parish-wide in Tangipahoa with RC Slab spans and RCB's.

## 16. Staff Experience: Matthew J. Ledet, PLS | Crescent Engineering & Mapping, LLC - continued

08/22 – 10/22	<b>S.P. H.015101, Lowes Ave at LA 44 Roundabout, Ascension Parish, LA (Ascension Parish Government)</b> – Lead/Surveyor of Record. Led urban topographic survey effort including survey of existing roadway, sidewalks, utilities, bridge and storm drainage systems along LA 44 and Lowes Ave in Gonzales for the design of a multi-lane roundabout, performed GPS control establishment and digital levels, field reconnaissance, field packs, processed data and prepared LADOTD topographic survey deliverables.
04/16 – 08/21 (previous employer)	<b>S.P. 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.
04/23 – 08/23	<b>Bridges Near Amite and Bridges Near Independence, Tangipahoa Parish, LA (Tangipahoa Parish)</b> – Lead/Surveyor of Record. Responsible for topographic surveys, crew coordination, data processing, existing drainage maps, GPS control establishment and digital leveling, prepared LADOTD topo survey deliverables using Microstation, Inroads and Cad Conform for the replacement of five (5) bridge structures within Amite City and Independence, LA. Also responsible for the creation and development of property maps and 60% Base Right-of-Way Maps for all 5 sites.
03/13 – 05/13 (previous employer)	<b>Parish Project No. 13028, 2013 Road Sales Tax District A Improvements, Lafourche Parish Government, Lafourche Parish, LA</b> – Project Surveyor. Responsible for the coordination of field crews, control establishment and data processing of the topographic surveys associated with 7 miles of pavement preservation, rehabilitation and reconstruction throughout Lafourche Parish.
07/19 – 09/19 (previous employer)	<b>Degravelle Road Improvements, St. Mary Parish Government, St. Mary Parish, LA</b> – Lead Surveyor. Led topographic survey effort including control establishment, topographic field surveys and data processing of 6 roadways in Amelia, LA that were a part of a pavement preservation, rehabilitation and reconstruction project.
03/23 – 07/23	<b>LA 44 at LA 621 Roundabout, Ascension Parish, LA (Ascension Parish Government)</b> – Lead/Surveyor of Record. Led urban topographic survey effort including survey of existing roadway, sidewalks, utilities, bridges and storm drainage systems along LA 44 and LA 621 in Gonzales for the design of a multi-lane roundabout, performed GPS control establishment and digital levels, field reconnaissance, field packs, processed data and prepared LADOTD topographic survey deliverables.
10/17 – 12/18 (previous employer)	<b>MA-17-01, Roddy Road Widening (LA 935 to LA 621), Ascension Parish, LA (Ascension Parish)</b> – Project Surveyor/Surveyor of Record. Led the topographic survey effort of the existing roadway, bridge, utilities and drainage systems as well as performed title take offs, property surveys, and prepared 60% Base and Final Right-of-Way Maps including 68 parcels for the 1.5-mile road widening project.
05/20 – 12/21 (previous employer)	<b>Contract 44-17598 – Rural Bridge Replacement Initiative Phase I (47 bridge structures), Districts 04, 05, 08, 58 (LADOTD)</b> – 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 nine (9) Off-System Bridges.
07/21 – 12/21 (previous employer)	<b>Contract 44-19336 – Rural Bridge Replacement Initiative Phase II (40 bridge structures), Districts 04 &amp; 05, (LADOTD)</b> – 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.

## 16. Staff Experience



Firm employed by: **Crescent Engineering & Mapping, LLC**

Name **Kelly G. Jones**

Years of relevant experience with this employer

2

Title **Sr. Technician**

Years of relevant experience with other employer(s)

3

Degree(s) / Years / Specialization

Bachelor of Arts / 2012 / Mathematics & English

Active registration number / state / expiration date

Year registered

Discipline

Contract role(s) / brief description of responsibilities

**Sr. Technician - Survey** / Kelly will assist with the preparation of topographic surveys, roadways, and detailing for task orders assigned to Crescent Engineering.

Experience dates  
(mm/yy-mm/yy)

Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).

04/22 – 02/23

**LA 3127 Widening (LA 20 to LA 3213), St. James Parish, LA (St. James Parish)** – Project Technician. Processed survey data and prepared survey deliverables for the survey of 4.5 miles of roadway widening with a 350' wide .DTM, utilities, prepared GPS control sketches, survey alignments, survey .DTM surfaces, prepared survey control reports, forms and letters for the LADOTD topographic survey deliverables in Microstation, Inroads and CAD Conform.

08/22 – 10/22

**S.P. H.015101, Lowes Ave at LA 44 Roundabout, Ascension Parish, LA (Ascension Parish Government)** – Project Technician. Processed survey data and prepared survey deliverables for the survey of existing roadway, sidewalks, utilities, bridge and storm drainage systems along LA 44 and Lowes Ave in Gonzales, LA for the design of a multi-lane roundabout, prepared GPS control sketches, survey alignments, survey .DTM surfaces, prepared survey control reports, forms and letters for the LADOTD topographic survey deliverables.

08/22 – Ongoing

**St. James Parish Road Improvements (FY2022 – FY2024), St. James Parish, LA (St. James Parish)** – Project Technician. Processed survey data, created survey alignments and assisted with plan preparation for over 11 miles of pavement preservation, rehabilitation and reconstruction projects throughout St. James Parish.

03/23 – 07/23

**LA 44 at LA 621 Roundabout, Ascension Parish, LA (Ascension Parish Government)** – Project Technician. Processed survey data and prepared survey deliverables for the survey of existing roadway, sidewalks, utilities, bridge and storm drainage systems along LA 44 and LA 621 in Gonzales, LA for the design of a multi-lane roundabout, GPS control sketches, survey alignments, survey .DTM surfaces, prepared survey control reports, forms and letters for the LADOTD topographic survey deliverables.

05/20 – 12/21  
(previous employer)

**Contract 44-17598 – Rural Bridge Replacement Initiative (Phase I) (47 bridge structures), Districts 04, 05, 08, 58 (LADOTD)** – Project Technician. Processed survey data, prepared GPS control sketches, survey alignments, and survey .DTM surfaces for over 20 bridge replacement structures in central and northern LA. Also assisted with the creation of property surveys, 60% Base and Final Right-of-Way Maps.

## 16. Staff Experience: Kelly G. Jones | Crescent Engineering & Mapping, LLC - continued

06/21 – 05/22 (previous employer)	<b>Contract No. 4400019336, Rural Bridge Replacement Initiative (Phase 2) (40 bridge structures), LADOTD, Districts 04 and 05</b> – Project Technician. Processed survey data, prepared GPS control sketches, survey alignments, and survey .DTM surfaces for 20 bridge replacement structures in northern LA. Also assisted with the creation of property surveys, 60% Base and Final Right-of-Way Maps.
04/23 – 03/24	<b>Bridges Near Amite and Bridges Near Independence, Tangipahoa Parish, LA (Tangipahoa Parish)</b> – Sr. Project Technician. Assisted with the preparation of property surveys and 60% Base Right-of-Way Maps for the replacement of 5 bridge structures near the Towns of Amite and Independence in Tangipahoa Parish.
06/22 – 06/24	<b>EN22-0181, Rousseau Rd. over Tchefuncte River, St. Tammany Parish, LA (St. Tammany Parish Government)</b> – Sr. Project Technician. Assisted with the creation and development of property surveys, 60% Base and Final Right-of-Way Maps including 6 parcels for the replacement of the existing bridge along Rousseau Rd. in Covington, LA.
01/24 – ongoing	<b>S.P. H.015334. 9th St. Bridge over St. Louis Canal, Terrebonne Parish, LA (LADOTD)</b> – Survey Technician. Prepared title take offs, prepared property survey submittal and 60% Base Right of Way maps including 6 parcels for the bridge replacement project in Houma, LA.

## 16. Staff Experience



Firm employed by: **Crescent Engineering & Mapping, LLC**

Name **Dakota "Kody" Holley**

Years of relevant experience with this employer

2

Title **Survey Party Chief**

Years of relevant experience with other employer(s)

4

Degree(s) / Years / Specialization

High School Diploma / 2017

Active registration number / state / expiration date

Year registered

Discipline

Contract role(s) / brief description of responsibilities

**Survey Party Chief** / Dakota will serve as the field crew chief for topographic surveys for task orders assigned to Crescent Engineering.

Experience dates  
(mm/yy-mm/yy)

Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).

06/22 - 01/23

**LA 3127 Widening (LA 20 to LA 3213), St. James Parish, LA (St. James Parish)** - Party Chief. Performed GPS static control establishment, 8 miles of digital levels, field topographic surveys of the existing roadway, utilities, SUE locates, drainage and other features, survey for existing drainage map features for the survey of 4.5 miles of roadway widening with a 350' wide .DTM, using LADOTD codes and procedures.

03/23 - Ongoing

**St. James Parish Road Improvements (FY2023 - FY2024), St. James Parish, LA (St. James Parish)** - Party Chief. Performed GPS control establishment and field topographic surveys of approximately 7 miles of roadways, driveways, utilities and roadside drainage features in St. James Parish, LA.

08/22 - 10/22

**S.P. H.015101, Lowes Ave at LA 44 Roundabout, Ascension Parish, LA (Ascension Parish Government)** - Party Chief. Performed GPS static control establishment, digital levels, urban field topographic surveys of the existing roadway, sidewalks, utilities, bridges and other features, with a 180' wide full .DTM survey using LADOTD codes and procedures.

01/24 - 06/24

**S.P. H.015334. 9th St. Bridge over St. Louis Canal, Terrebonne Parish, LA (LADOTD)** - Survey Party Chief. Performed GPS static control surveys, digital levels, topographic surveys and property surveys for Right of Way maps including 6 parcels for the bridge replacement project in Houma, LA.

05/23 - 08/23

**Bridges Near Amite, Tangipahoa Parish, LA (Tangipahoa Parish)** - Party Chief. Performed GPS static control establishment, digital levels, urban field topographic surveys of five (5) existing bridge sites, property surveys, survey of existing roadway, sidewalks, utilities, bridges and other features, with a 140' wide full .DTM survey at each site using LADOTD codes and procedures.

03/23 - 07/23


**LA 44 at LA 621 Roundabout, Ascension Parish, LA (Ascension Parish Government)** - Party Chief. Performed GPS static control establishment, digital levels, urban field topographic surveys of the existing roadway, sidewalks, utilities, bridges and other features, with a 180' wide full .DTM survey using LADOTD codes and procedures.



## 16. Staff Experience: Dakotah "Kody" Holley | Crescent Engineering & Mapping, LLC - continued

06/24 - 07/24	<b>Lutcher Road Program, St. James Parish, LA (Town of Lutcher)</b> - Party Chief. Performed GPS control establishment and field topographic surveys of 5 roadways, driveways, concrete curb and gutter, utilities and roadside drainage features in Lutcher, LA.
04/23 - 08/23	<b>Tammany Trace Connection to Heritage Park, St. Tammany Parish, LA (St. Tammany Parish Government)</b> - Party Chief. Performed GPS static control establishment, performed 4 miles digital levels of control points, field topographic surveys of the existing railroad, utilities, drainage, (3) bridge sites and other features, survey for existing drainage map features for a 250' wide .DTM, using LADOTD codes and procedures along a 2.4 mile segment near Slidell, LA.
10/20 - 03/21 (Previous employer)	<b>S.P. H.001399, Happy Jack - N. Port Sulphur, Plaquemines Parish, LA (LADOTD)</b> - Survey Technician. Performed field topographic route surveys of the existing roadway sections including control and full .DTM survey using LADOTD procedures for the widening to 4 lanes.

## 16. Staff Experience

	Firm employed by: <b>Crescent Engineering &amp; Mapping, LLC</b>			
	Name	<b>Megan M. Miller, PE</b>	Years of relevant experience with this employer	<1
	Title	<b>Project Engineer</b>	Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization		Bachelor of Science / 2010 / Civil Engineering		
Active registration number / state / expiration date		39897/LA/09-30-2025		
Year registered	2015	Discipline	PE / Civil Engineering	
Contract role(s) / brief description of responsibilities		<b>Bridge Design Lead</b> / Megan will lead bridge design and plan preparation for task orders assigned to Crescent Engineering.		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
02/17 - 08/19 (previous employer)	<b>S.P. H.011152, I-12 Widening (US 190 to LA 59), St. Tammany Parish, LA (LADOTD)</b> - Lead Bridge Design Engineer/Engineer of Record. Performed all bridge design tasks associated with the widening of the I-12 bridges over the Tammany Trace Bike Path utilizing AASHTO Type III Precast, Pre-stressed concrete girders with multiple, varying skewed spans in a vertical curve. Designed girders and deck using various programs including LEAP CONSPAN, STAAD, and BrR(Virtis). Performed substructure design using STAAD ProV8i and LEAP CONSPAN, designed bearing pads, framing and foundation plans. Assisted with bridge plan production including partial demolition and construction phasing plans for the interstate widening project. Also provided construction support in the form of contractor shop drawing reviews.			
09/18 - 12/23 (previous employer)	<b>S.P. H.001344, US 190: LA 437 to US 190 (BUS) (Ph. 1), St. Tammany Parish, LA (LADOTD)</b> - Bridge Project Engineer. Responsible for bridge design tasks including development of TS&L, typical sections, foundation plan, General Plan/Elevation, superstructure modeling using LEAP CONSPAN, and development of bridge plans for a 1485-foot-long bridge over the Bouge Falaya River in Covington, LA using LG 36 and LG 54 prestressed concrete girders. Performed reviews of contractor bridge submittals and shop drawings.			
03/17 - 06/22 (previous employer)	<b>S.P. H.013116, LA 20 Widening (LA 307 to S. Vacherie), St. James and Lafourche Parishes, LA (LADOTD)</b> - Lead Bridge Design Engineer. Performed all bridge design tasks for the widening of LA 20 including bridge replacement using split-phase construction methods. Performed superstructure and substructure design using various programs including LEAP CONSPAN, STADD ProV8i, prepared construction phasing details, foundation plans and assisted with bridge plan production.			
06/17 - 07/19 (previous employer)	<b>MA-17-01, Roddy Road Widening (LA 935 to LA 621), Ascension Parish (Ascension Parish Government)</b> - Bridge Project Engineer. Responsible for bridge design including development of TS&L, superstructure and substructure design, LRFR, bridge plan production of a 120' long, 34' clear, RC slab span bridge in Gonzales, LA.			
02/18 - 10/19 (previous employer)	<b>West 11th Ave. Bridge/Mile Branch Creek, St. Tammany Parish, LA (City of Covington)</b> - Bridge Project Engineer. Performed LRFR, bridge inspection and Quality Control reviews on bridge plans for the replacement of a 5-span, 100' long, 24' clear width reinforced concrete slab bridge and roadway approach reconstruction on W. 11th Avenue in Covington, LA. Bridge included special bents for precast and CIP deck options to accommodate utilities, tapered rails and subsurface drainage.			

## 16. Staff Experience: Megan M. Miller, PE | Crescent Engineering & Mapping, LLC - continued

02/17 – 04/18 (previous employer)	<b>S.P. H.010724, Pecan Island Road Bridge over The Chenal, Pointe Coupee Parish, LA (LADOTD)</b> – Bridge Design Project Engineer. Responsible for bridge design of entire structure including CIP or Precast special 25' slab spans and bents founded on Steel Pipe Piles utilizing Bentley STAAD and LEAP CONSPAN, prepared bridge details and oversaw bridge plan production for Final Plans, performed As-Designed LRFR utilizing AASHTOWare BrR 6.8 (Virtis) for the 150' long bridge replacement project in Pointe Coupee parish for the off-system bridge replacement program.
01/24 – 06/24	<b>S.P. H.015025, McIn Road over Darling Creek, St. Helena Parish, LA (LADOTD)</b> – Bridge Design Project Engineer. Responsible for the bridge design elements of a 4-span, 24' clear width, curved, concrete slab span bridge utilizing STAAD and OpenBridge bridge design software programs. Reviewed bridge superstructure and substructure details and performed As-Designed LRFR utilizing AASHTOWare BrR 7.4 of the bridge replacement in St. Helena Parish as a part of the Off-System Bridge Replacement Program.
01/24 – 08/24	<b>S.P. H.014993, Lemon Road over Drainage Bayou, East Baton Rouge Parish, LA (LADOTD)</b> – Bridge Design Project Engineer. Responsible for the bridge design elements of a 4-span, 28' clear width, concrete slab span bridge with a concrete tapered barrier railing on one corner utilizing STAAD and LEAP CONSPAN bridge design software programs. Reviewed bridge substructure details and performed As-Designed LRFR utilizing AASHTOWare BrR 7.4 of the bridge replacement in East Baton Rouge Parish as a part of the Off-System Bridge Replacement Program.
2010 – 2014 (previous employer)	<b>Bridge Inspection &amp; Rating IDIQ, Statewide (INDOT)</b> – Project Engineer. Performed all phases of multiple county bridge inspection contracts ranging from \$100k to \$1MM, including assisting in routine and special feature bridge inspection (including fracture critical), performed modeling and analysis of bridge structures for LRFR using BrR and SACS, prepared field documentation and sketches, inputting field data into INDOT's Bridge Inspection Application System (BIAS). Structure types included timber, reinforced concrete, pre-stressed concrete girders and steel plate girders.
2010 – 2014 (previous employer)	<b>US 31 Bridges, South Bend IN (INDOT)</b> – Project Engineer. Performed bridge design including modeling and analysis, design computations, quantity calculations, cost estimates and developed final plans for the design of the US 31 bridges including AASHTO Precast, Pre-stressed concrete girders, reinforced concrete slab spans, post-tensioned segmental concrete girders and steel plate girders.
2009 – 2010 (previous employer)	<b>Marchand Bridge Rehabilitation &amp; Restoration (Historical), Evansville, IN (INDOT)</b> – Bridge & Construction Inspector, Design. Performed bridge inspection, design and construction inspection of the restoration of the historic steel truss bridge built in 1891 for use as part of the Greenway Trails project. Restoration included painting and replacement of steel beams. Bridge has been converted to an overlook on the Ohio River.

## 16. Staff Experience



Firm employed by: **Vectura Consulting Services, LLC**

Name **Sheelagh Brin Ferlito, PE, PTOE**

Years of relevant experience with this employer

9

Title **Supervisor-Eng**

Years of relevant experience with other employer(s)

27

Degree(s) / Years / Specialization

B.S. / 1988 / Civil Engineer

Active registration number / state / expiration date

PE. 0025383 / LA 09/30/2025

Year registered

1993

Discipline

Civil

Contract role(s) / brief description of responsibilities

Quality Control - Traffic

Experience dates  
(mm/yy-mm/yy)

Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).

07/21 - current

**H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, LA)** Brin is the task leader for Vectura for the Construction Engineering and Inspection of 24 traffic signals. Brin oversaw the review of signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Brin and Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.

07/19 - current

**MOVEBR New Capacity Projects Program Management (Baton Rouge, LA)** Brin is the lead traffic engineer for entire the New Capacity Projects program management team. All traffic engineering scope of services, traffic / speed data collection, traffic design studies, safety studies, and traffic signal design plans are reviewed by Brin. She is in constant communication with the Traffic Engineering staff of DOTD and EBR Traffic Engineering Department. She understands the current requirements for all aspects of traffic engineering projects.

07/19 - current

**H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement PPP (Belle Chasse, LA)** Brin is the project manager for the temporary and permanent traffic signal plans for the intersections of LA 23 at Burmaster St and at Engineers Rd. She based her traffic signal plans on design year volumes that were developed using growth rates from the New Orleans Regional Planning Commission Travel Demand Model. This project is the first ever Public-Private-Partnership performed by DOTD.

09/20 - 12/21

**H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish, LA)** Brin is the project manager for the design of temporary traffic signal plans that will be implemented during the roundabout construction along LA 30 in Gonzales, LA. The project involves replacing three existing signalized intersections with multilane roundabouts along LA 30 at I-10 Interchange ramps and at Tanger Boulevard. Vectura also developed signal timing plans for each phase of the construction to maintain progression along LA 30.

07/18 - 04/19

**LA 1 Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Design West Baton Rouge Parish, Addis, LA** Brin developed a Pedestrian Crosswalk Study and Traffic Signal Construction Plans for the intersection of LA 1 at LA 990 in Addis, LA. The study was based on DOTD Traffic Engineering Manual Crosswalk Guidelines followed by traffic signal design plans based on DOTD requirements. The study included traffic and pedestrian traffic data collection, a speed study, crash analyses,

## 16. Staff Experience: Sheelagh Brin Ferlito, PE, PTOE | Vectura Consulting Services, LLC - continued


	intersection analyses and progression analyses. The signal plans included pedestrian signal equipment, signal timing parameter calculations, crosswalk striping, signs, DOTD pay items, estimated quantities, and construction cost. Brin also assisted with the Parish with the DOTD Permit Request for Intersection Control Devices on a State Right of Way.
09/17-04/18	<b>US 11 at US 190 Bus. (Fremaux Ave.) Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Equipment Design Slidell, LA</b> Brin developed a formal traffic study for a proposed crosswalk with pedestrian traffic signal equipment and pedestrian clearance timings based on DOTD requirements. Brin assisted with vehicle and pedestrian data collection, spot speed study, analyzed 3-year intersection crash data and developed signal timing for pedestrians to cross the street. From the design study, a set of Traffic Signal Modification Plans were developed to implement the recommended alternative.
08/15-05/17	<b>Enhancing Guidance for Evacuation Time Estimate Studies (Nuclear Regulatory Commission Rockville, MD)</b> Brin conducted an applied research study of U.S. Nuclear Regulatory Commission guidance for developing evacuation time estimate studies and produced a technical basis for revision of NUREG/CR-7002 "Criteria for Development of Evacuation Time Estimate Studies" in support of the 2020 update of ETES. Specifically, Brin was the lead VISSIM modeler for the "large" population models, which consisted of a 20-mile radius model. The VISSIM model input included traffic volumes distributed over 8 hours, highway and intersection lane geometry using links and connectors, conflict areas, traffic signal and stop control and speed. Brin also developed Dynamic Traffic Assignment code to simulate that fastest route out of the evacuated zone.
04/14 - 12/14	<b>H.002301 Signal Design for N. Sherwood Forest Dr. Widening Project (Baton Rouge, LA)</b> As the project engineer, Brin was in responsible charge for data collection and design for three signalized intersections as part of a road widening project as per EBR DPW and DOTD requirements. Ms. Ferlito developed the traffic signal equipment, signal timing and communication construction plans, special provision specifications, quantities, and cost estimate. She also performed tasks to develop the striping plans and sequence of construction plans which included temporary signal equipment placement due to lane shifts during construction.
07/12-03/14	<b>EBR 03-TS-CI-0026 CE&amp;I for EBR Traffic Signal Systems Jefferson Highway Construction (Baton Rouge, LA)</b> Brin was the Project Resident Engineer on behalf of EBR for performing CE&I services for the construction of 11 traffic signals. She maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into interstate I-12 fiber backbone and ATM / EOC building. She processed all monthly tasks in EBR formats as well as all items on the EBR project closeout checklist.
07/08-09/09	<b>SPN 013-05-0043 CE&amp;I for EBR Traffic Signal Systems Phase IV Construction (Baton Rouge, LA)</b> Brin was the Project Resident Engineer for DOTD and EBR to perform CE&I services for the construction of 21 traffic signals. She developed the project Sample Plan, maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, coordinated concrete sampling for DOTD Materials Lab, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into Airline Highway fiber backbone and ATM / EOC building. She processed all monthly tasks electronically in DOTD Site Manager and in EBR required formats as well as all items on the DOTD Project Closeout Checklist including the 2059 Report.



## 16. Staff Experience



Firm employed by: **Vectura Consulting Services, LLC**

	Name	Laurence Lucius Lambert, II, PE, PTOE, PTP		Years of relevant experience with this employer	9
	Title	Supervisor-Eng		Years of relevant experience with other employer(s)	18
Degree(s) / Years / Specialization				B.S. / 1997 / Civil Engr. M.S./2006/Civil Engr. (Transportation focus) M.B.A. / 2010	
Active registration number / state / expiration date				PE.0029901 / LA / 3/31/2026	
Year registered		2002	Discipline	Civil	
Contract role(s) / brief description of responsibilities				Data Collection and Traffic Management Plan Supervisor	
Experience dates (mm/yy-mm/yy)		Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
07/19 – current		<b>MOVEBR New Capacity Projects Program Management (Baton Rouge, LA)</b> At the beginning of the program, Laurence worked with the Capital Region Planning Commission to produce measures of effectiveness from the travel demand model to prioritize the MOVEBR project list. Laurence and Pong Wu developed a list of vehicle miles traveled, V/C ratios and vehicles hours of delay. Laurence also provided peer review for the traffic studies for Ben Hur Road and Lee Drive.			
07/23 – 11/23		<b>H.015504.5 CCC Decorative Lighting Level 4 TMP (New Orleans, LA)</b> Laurence was the project manager for a Level 4 Traffic Management Plan (TMP) for the Crescent City Connection (CCC). Laurence oversaw the lane closure analysis based on queuing. A safety analysis of the construction zone was also performed to identify any “hot spots”. The results were summarized in a report that was reviewed by DOTD.			
04/23 – 10/23		<b>H.014591.5 I-12: US 61 Bridges Girder Repairs (Baton Rouge, LA)</b> Laurence was the project manager for a Level 2 TMP for the interchange of I-12 at US 61. Laurence performed QA/QC for a lane closure analysis based on queuing. A safety analysis of the construction zone was also performed to identify any “hot spots” where Laurence also performed QA/PC. The results were summarized in a report that was reviewed by DOTD.			
04/18 – 12/21		<b>H.010960.5 LA 30 Roundabouts at Tanger &amp; I-10 Gonzales (Ascension, LA)</b> Laurence provided a Quality Control review of the temporary construction and sequence of construction plans. Vectura also provided Quality Control review of signing and striping plans at 30% and 60% plan sets to ensure the roundabouts conformed to the Pavement Markings Details Sheet PM-09 and the MUTCD details on roundabouts.			
04/18 – 12/21		<b>H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish, LA)</b> Laurence provided a Quality Control review of the temporary construction and sequence of construction plans. Vectura also provided Quality Control review of signing and striping plans at 30% and 60% plan sets to ensure the roundabouts conformed to the Pavement Markings Details Sheet PM-09 and the Manual on Uniform Traffic Control Devices (MUTCD) details on roundabouts.			

## 16. Staff Experience: Laurence Lucius Lambert, II, PE, PTOE, PTP | Vectura Consulting Services, LLC - continued

02/20 – 09/21	<b>College Drive Corridor Enhancement from Perkins Road to I-10 (Baton Rouge, LA)</b> Laurence was the project manager to develop Chapter 1 (Data Collection), Appendix A (Initial Data Collection), and Appendix B (Final Data Collection) for proposed improvements College Drive. Since the I-10 interchange was included in the study, approval from DOTD was required. Vectura collected, turning movement counts, 85% speed data, travel time runs, queue measurements, field observations, verification of Traffic Signal Inventories, and bicycle / pedestrian / transit observations.
01/23 – 02/24	<b>H.011504 Alexandria ITS Phase 2</b> Laurence was the project manager for a System Engineering Analysis Report, Engineering Opinion of Probably Construction Cost and Level 2 Transportation Management Plan for the Alexandria area.
10/21–03/22	<b>H.013256.5 I-10 ITS Scott to Lake Charles (Lead Traffic Engineer)</b> Laurence was the lead traffic engineer for a Level 2 Traffic Management Plan (TMP) for the construction of ITS equipment along I-10. The plan included a safety strategy that included a CAT Scan, LOS determination utilizing Citrix data, lane closure recommendations based on a queue analysis and public information strategies.
09/18 – 02/19	<b>H.013261.1 I-110 ITS Deployment Systems Engineering Analysis (Project Manager)</b> As a sub-consultant, Laurence was the task leader for the Constraints & Alternatives Analysis as well as the Projects & Procurement Strategy portion of the project. The goal of the project was to deploy Close Circuit Television (CCTV) cameras and one Dynamic Message Sign (DMS) along the I-110 corridor from US 190 to US 61. To communicate with the field devices from the Traffic Management Centers (TMCs), installing fiber optics along the I-110 corridor was recommended. The fiber optics also allow communication to the traffic signals at the interchange ramps along I-110 to the TMC.
06/12-12/12	<b>Ramp Metering Study of I-10 Segment, East Baton Rouge and Ascension Parishes, Louisiana (Project Manager)</b> Laurence conducted a feasibility study to deploy ramp meters along the Interstate 10 (I-10) Corridor in Baton Rouge between Dalrymple Drive and LA 73. The study consisted of analyzing 17 on-ramps under differing design conditions, which include the following: 2010 Existing, 2012 Without Ramp Meter, 2012 Ramp Meter, and 2012 Ramp Meter with Recommendations. Laurence's role in this project as project manager was to oversee all QA / QC measures and interpret the results from the model. Laurence coordinated with the local agencies to obtain all current proposed projects in the area, which included DOTD I-10 Widening Project Phases 1 and 2, the Green Light Plan (GLP) Essen Lane Widening Project, and the GLP Highland Road Widening Project.
09/16 – 04/17	<b>H.004957.5 I-12 To Bush - LA 3241 (I-12 – LA 36) Corridor Study (St. Tammany Parish, LA)</b> Laurence was the lead traffic engineer for a DOTD traffic study for the new LA 3241 alignment with the purpose of obtaining both existing and projected future traffic variables in accordance with standard operating procedures typically performed in these types of analyses. Laurence worked closely with the NORPC and District 62 to develop design year volumes using data the TransCAD model. The traffic study examined concepts that improved the safety and efficiency of the roadway consistent with the latest DOTD policies related to access management. Laurence, along with Brin, collected 7-day, 24-hour counts w/ classification on mainlines, turning movement counts for morning and evening peak periods and speed data for mainlines. Laurence also developed a VISSIM traffic simulation model of the preferred alternative.
07/16 – 01/17	<b>FHWA Intersection &amp; Interchange Geometrics: Innovative Design Considerations for All Users (Norfolk, VA)</b> At the request of the FHWA division office for Virginia, Laurence was asked to peer review a set of design plans for a Displaced Left Turn (DLT) in Norfolk, VA. The plans were part of a design-build project that included widening a corridor, modifications to an interchange and the implementation of a DLT. Vectura specifically reviewed and commented on the intersection geometry, pavement markings and signage. The findings were summarized in a technical memorandum as well as "red line" comments were scanned and submitted to the FHWA Virginia Division office for their use.

## 16. Staff Experience



Firm employed by: **Vectura Consulting Services, LLC**

Name	<b>Reece Rodriguez, PE, PTOE, RSP1</b>	Years of relevant experience with this employer	4
Title	<b>Engineer</b>	Years of relevant experience with other employer(s)	7

Degree(s) / Years / Specialization B.S. / 2013 / Civil Engr.

Active registration number / state / expiration date PE.0042074 / LA / 3/31/2026

Year registered 2017 Discipline Civil

Contract role(s) / brief description of responsibilities Project Engineer

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

04/21 - current

**MOVEBR Direct Select for Traffic Signal Design, Baton Rouge, LA** Reece is a project engineer for the design of traffic signal upgrades at 10 intersections. This project included a traffic design report, preliminary and final plans for traffic signals that included traffic signal layout, fiber interconnect layout, fiber splicing diagrams, pedestrian crosswalk layout, and sign layout. The design also included traffic signal synchronization signal timing and pedestrian signal timing.

06/23 - Current

**H.012845.1 Connected & Autonomous Vehicles (C/AV) Team and Working Group Support** Reece is a member of the team to develop new policies and legislation related to C/AV.

06/23 - Current

**H.011507.1 Monroe Phase 3 SEA** Reece visited the project site to document the controller type and detection needs at each signalized intersection within the right-of-way.

07/21 - Current

**H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, Louisiana)** Reece is part of the team responsible for Construction Engineering and Inspection. Reece has reviewed the signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.

01/23 - 02/24

**H.011504 Alexandria ITS Phase 2** Reece was the project engineer for a site visit, System Engineering Analysis Report, Engineering Opinion of Probably Construction Cost and Level 2 Transportation Management Plan.

06/22 - 02/23

**H.012381.5 ITS Fiber Management System Data Collection** Reece performed the field observations for 40 sites to verify the ITS FMS and inventory services.


04/20 - Current

**H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project (Belle Chasse, LA)** Reece is responsible for designing the temporary traffic signal for the intersection of LA 23 at Engineers Rd. for eight phases of construction per the anticipated sequence of construction. Temporary pole location and heights were recommended for placement for use for all construction phases. Vehicle clearance interval calculations were conducted for each phase in accordance with DOTD and ITE guidance. Reece is responsible for producing the traffic impact analysis portion of the Traffic

## 16. Staff Experience: Reece Rodrigue, PE, PTOE, RSP1 | Vectura Consulting Services, LLC - continued

	Management Plan that was also used in planning for the permanent and temporary signal timing plans. Reece was also responsible for producing the permanent signal plans for the LA 23 intersections at Engineers Road and at Burmaster Street. He evaluated stop bar locations, calculated vehicle, and pedestrian clearance intervals, designed the railroad preemption sequence for both at-grade crossings, designed the wiring layout, and developed the interconnect plan. In addition, Reece was responsible for reviewing and approving shop drawings that were submitted by the contractor for use in construction.
01/21 – 05/21	<b>H.013256 – I-10 ITS Scott to Lake Charles (Lafayette, Acadia, and Jefferson Davis Parishes)</b> Reece was a member of the subconsultant team who was tasked with reviewing the ITS plans for 15 sites along I-10 where CCTV cameras were being installed. Reece was responsible for measuring anticipated construction quantities and producing a cost estimate for said quantities by using DOTD's Bid Tabulation and Cost Estimating Tool.
09/20 – 12/21	<b>H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish)</b> Reece is an essential design engineer, who is assisting in the production of the temporary signal design associated with the sequence of construction for the roundabout at US 171 at Boone St. He conducted a thorough analysis of the US 171 corridor's existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.
09/20 – 12/21	<b>H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish)</b> Reece is a design engineer, who is assisting in the production of the temporary signal design associated with the sequence of construction for the roundabouts on LA 30 in Gonzales, LA. This project consists of eight proposed construction phases. He assisted in calculating the temporary pole heights, determining the placement location for the temporary poles for each phase, measuring and calculating clearance intervals. Reece conducted a thorough analysis of the LA 30 corridor's existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.
11/21 – 12/21	<b>Emergency Street Light and Traffic Sign Assessment (New Orleans, LA)</b> In response to the damage caused by Hurricane Ida, Reece inspected streetlights and street signs to report damage using the City's ArcGIS Online Organization and ArcGIS Field Maps app. The assessment area was approximately 2.5 miles by 2 miles area in the City of New Orleans.
02/20 – 09/21	<b>College Drive Corridor Enhancement from Perkins Road to I-10 (Baton Rouge, LA)</b> Reece was the task leader for organizing and formatting the data collection of the College Drive project limits. Tasks included in data collection were 7-day tube counts, intersection turning movement counts, approach tube counts, unmet demand observations, driveway counts, travel time runs, pedestrian / bicycle counts, and weaving counts.
07/19 – 12/19	<b>Burgess Avenue at Duff Road Traffic Signal Design, Walker, LA</b> Reece was responsible for the design of a fully actuated signalized intersection in the city of Walker, LA. The traffic signal was determined to meet signal warrants upon completion of the Foxglove subdivision in Livingston Parish, LA. Plans included road widening, signal face indication schedule, signal sequence chart, sign schedule, detector schedule, controller timing, wiring diagram, and free operation phasing diagram. Reece met with city officials to discuss the feasibility of constructing a traffic signal as opposed to other alternative measures for improving the intersection.
02/16 – 12/16	<b>H.005733.5 US 190 Superstreet Task Order (St. Tammany Parish)</b> Reece was a team member responsible for the layouts for the US 190 Superstreet signal designs. He created the preliminary plans using CAD software program MicroStation V8i. He aided in the technical design of each intersection. He conducted field inspections to verify locations of existing equipment as well as observing the area for feasible proposed utility locations. He attended project team meetings to discuss the project details as well as the plan-in-hand walk-through.

## 16. Staff Experience

	Firm employed by: <b>Vectura Consulting Services, LLC</b>			
	Name	<b>Kristen Farrington, PE, PTOE, RSP1</b>	Years of relevant experience with this employer	3
	Title	<b>Engineer</b>	Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		B.S. / 2014 / Civil Engr.		
Active registration number / state / expiration date		PE.0042785 / LA / 3/31/2025		
Year registered	2018	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Project Engineer		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
04/21 - 04/24	<b>CP No. 16 CI-US-0032 Bus Rapid Transit (BRT) Improvement Project (Baton Rouge, LA)</b> Kristen a project engineer for a traffic design study and traffic signal design of 19 signals along three corridors: Plank Road, 22nd Street and US 190 (Florida Street). Kristen assisted the prime consultant with the safety analysis as well.			
07/23 - 01/24	<b>H.015504.5 CCC Decorative Lighting Level 4 TMP (New Orleans, LA)</b> Kristen was the lead traffic engineer for a Level 4 Traffic Management Plan (TMP) for the Crescent City Connection (CCC). Kristen performed a lane closure analysis based on queuing. A safety analysis of the construction zone was also performed to identify any "hot spots". The results were summarized in a report that was reviewed by DOTD.			
04/23 - 10/23	<b>H.014591.5 I-12: US 61 Bridges Girder Repairs (Baton Rouge, LA)</b> Kristen was the lead traffic engineer for a Level 2 TMP for the interchange of I-12 at US 61. Kristen performed a lane closure analysis based on queuing. A safety analysis of the construction zone was also performed to identify any "hot spots". The results were summarized in a report that was reviewed by DOTD.			
08/21 - 04/22	<b>H.013267 Downtown to Scotlandville Parkway Trail Safety Enhancement Study (Baton Rouge, LA)</b> Kristen was a project engineer for a design study to evaluate the recommended street crossing treatments of the trail at eight locations. The project consisted of collecting vehicular speed and volume data at the proposed trail crossings. Geometric field checks were also performed to determine if any hazards to pedestrians or cyclists existed. Once the field data was collected and analyzed, appropriate crossing treatments utilizing the FHWA STEP Guide for Improving Pedestrian Safety at Unsignalized Locations were developed that included Rectangular Rapid-Flashing Beacons (RRFB) and Pedestrian Hybrid Beacons (PHB's). Currently, Vectura is developing plans for the PHB's at four locations which will be the first implementation of PHB's in the Baton Rouge area.			
02/20 - 09/21	<b>MOVEBR College Drive Enhancement Project (Baton Rouge, LA)</b> Kristen assisted with the data collection task of the College Drive project limits. Tasks included in data collection were 7-day tube counts, intersection turning movement counts, approach tube counts, unmet demand observations, driveway counts, travel time runs, pedestrian / bicycle counts, and weaving counts.			



## 16. Staff Experience: Kristen Farrington, PE, PTOE, RSP1 | Vectura Consulting Services, LLC - continued

6/19 - 2/21	<b>H.013459 US 167 Improvements Stage 0 Elsie Street to Gilbert Street (St. Landry Parish, LA)</b> Kristen served as project manager for a Stage 0 study to evaluate the addition of a third lane to US 167 from Elsie Street south to a point past Gilbert Drive. Environmental impacts and cost estimates were prepared, as well as a benefit-cost analysis of all improvements considered. Civil Engineer responsible for safety analysis including crash rate number method, over-representation, CATScan quality assurance, HSM existing safety analysis, and No-Build Analysis. Designed high-level concept exhibits and comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes.
6/19 - 2/21	<b>H.013460 US 167 Improvements Stage 0 Enola Street to Ross Road (Evangeline Parish, LA)</b> Kristen served as project manager for a Stage 0 study of a two-lane road to remove a curvilinear section of US 167 from Enola Street near LA 748, southeast for approximately 1.2 miles. The study compared connecting existing property owners to a new roadway with driveways or intersection of old roadway. Environmental impacts and cost estimates were prepared. Civil Engineer responsible for safety analysis including crash rate number method, over-representation, CATScan quality assurance, HSM existing safety analysis, and No-Build Analysis, as well as a benefit-cost analysis. Designed high-level concept exhibits and a comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes.
04/19 - 6/21	<b>H.013817.1 LA 117 Improvements Stage 0 (Vernon and Natchitoches Parishes, LA)</b> Kristen served as project engineer responsible for a Stage 0 study for 18 miles of two-lane LA 117 from LA 8 to LA 118. The study evaluated the impacts of correcting deficient vertical and horizontal geometry along the corridor, widening for the addition of shoulders, and adding passing lanes and turn lanes at strategic locations along the corridor. Kristen was responsible for performing the safety analysis including crash rate number method, over-representation, CAT Scan quality assurance, HSM existing safety analysis, and No-Build Analysis. Kristen designed high-level concept exhibits, evaluated environmental impacts, and prepared high level cost estimates and comparison matrices to determine which preliminary alternatives best meet the purpose and need of the project. Kristen compiled all findings in the Stage 0 report and coordinated with stakeholders and local agencies to ensure the purpose and need of project is met.
03/19 - 11/19	<b>H.012311 LA 429 Connector Stage 0 (Ascension Parish, LA)</b> Kristen was the task leader for the preparation of a Stage 0 study to evaluate alignments for a limited-access corridor (LA 429) near I-10, between LA 30, LA 73, and US 61. Two alternatives for the widening and reconstruction of LA 429 were evaluated. The scope consisted of stakeholder and public meetings, site visits and data collection, phasing of alternative development for the corridor, scope and budget checklists, and an opinion of probable cost to prepare the Stage 0 Report. Kristen served as the civil engineer responsible for designing high level concept exhibits and comparison matrix to determine the best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes, coordinated with interchange study consultants for a cohesive project, and wrote report.
11/18 - 3/21	<b>H.013322 LA 3040 Feasibility / Safety Study Stage 0 (Houma, LA)</b> Kristen served as project engineer for a study to identify safety and operational issues along 2.5 miles of Martin Luther King Boulevard (LA 3040) in Houma, LA to evaluate reasonable alternatives to address any deficiencies discovered. Kristen was responsible for compiling a data collection plan for submittal to DOTD, including count locations, determined peak periods, and peak hours. Kristen performed peak period observations in the field and geometric field checks, as well as unmet demand observations and calculations. Kristen prepared TMC figures, as well as performed existing analysis in Vistro. Compiled all data collected into Appendices A and B per the DOTD Traffic Process and Report and wrote Chapter 1 of report. Kristen represented the project at stakeholder meetings to discuss project status.





## 16. Staff Experience



Firm employed by: **APS Engineering and Testing, LLC**

Name **Sergio Aviles, P.E., M.ASCE**

Years of relevant experience with this employer

12

Title **President**

Years of relevant experience with other employer(s)

10

Degree(s) / Years / Specialization

BS Civil Engineering / 2001 / Geotechnical

Active registration number / state / expiration date

PE.0033571/ LA / 03-31-2026

Year registered

2007

Discipline

Civil

Contract role(s) / brief description of responsibilities

Project Manager/Design Guidance/Field Crew and Lab Management

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
11/22–Present	<b>Project No. H.001344 US 190: LA 437 to US 190 BUS:</b> The scope includes conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures.  A P S performed a total of 8 PDA during construction monitoring.
03/23–Present	<b>Project No. H.0041005.5 and .6: I-10 LA415 to Essen Lane on I-10 and I-12:</b> The scope includes conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures A P S is currently proving PDA testing.
01/22–5/24	<b>Project No. H.001352.6 and H.002273.5: Comite River Diversion Bridge at LA 67, LA 19, and LA 19 RR Bridge:</b> The scope includes conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures. A P S performed a total of 4 PDA during construction monitoring.
01/19–Present	<b>Project No.2012-FEMA-1B-1: Westend Group:</b> The scope includes is to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures.
05/19–Present	<b>Phase II Project No. H.011798: Airline Park Blvd (Camphor-West Napoleon):</b> The purpose is to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures.
04/19–Present	<b>Project No. H.011795: Westwood Drive (WB Expressway to Lapalco):</b> The purpose is to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures.
08/24–Present	<b>Project H.014545.6: LA 454 Wiggins Bayou:</b> The scope includes reviewing pile drive submittals (including pile driving installation and &RFIs, performing WEAP analysis, pile monitoring, CAPWAP analysis, and troubleshooting pile driving and sheeting installation issues.
05/18–12/20	<b>Project No.H.009250: I-10: Highland to LA 73:</b> The purpose was to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures.
04/18–11/18	<b>Phase I Project No. H.011798: Airline Park Blvd:</b> The purpose was to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures.



## 16. Staff Experience



Firm employed by: **APS Engineering and Testing, LLC**

Name **Sairam (Sai) Eddanapudi, M.E., P.E.**

Years of relevant experience with this employer

12

Title **Chief Engineer**

Years of relevant experience with other employer(s)

9

Degree(s) / Years / Specialization

ME / Civil Engineering  
BE / Civil Engineering

Active registration number / state / expiration date

PE.0035129 / LA / 03-31-2026

Year registered

2009

Discipline

Civil

Contract role(s) / brief description of responsibilities

Design Engineer/Laboratory QA Manager

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
11/22–Present	<b>Project No. H.001344 US 190: LA 437 to US 190 BUS:</b> The scope includes conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures. A P S performed a total of 8 PDA during construction monitoring.
03/23–Present	<b>Project No. H.0041005.5 and .6: I-10 LA415 to Essen Lane on I-10 and I-12:</b> The scope includes conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures A P S is currently proving PDA testing.
01/22–5/24	<b>Project No. H.001352.6 and H.002273.5: Comite River Diversion Bridge at LA 67, LA 19, and LA 19 RR Bridge:</b> The scope includes conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures. A P S performed a total of 4 PDA during construction monitoring.
05/18–12/20	<b>Project No.H.009250: I-10: Highland to LA 73:</b> The purpose was to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures.
01/19–Present	<b>Project No.2012-FEMA-1B-1: Westend Group:</b> The purpose was to conducted testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures.
04/19–Present	<b>Project No. H.011795: Westwood Drive (WB Expressway to Lapalco):</b> The purpose was to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures.
05/19–Present	<b>Phase II Project No. H.011798: Airline Park Blvd (Camphor-West Napoleon):</b> The purpose was to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures.
08/24–Present	<b>Project H.014545.6: LA 454 Wiggins Bayou:</b> The scope includes reviewing pile drive submittals (including pile driving installation and &RFIs, performing WEAP analysis, pile monitoring, CAPWAP analysis, and troubleshooting pile driving and sheeting installation issues.



## 16. Staff Experience



Firm employed by: **APS Engineering and Testing, LLC**

Name **Surendra Pathak, M.S., P.E.**

Years of relevant experience with this employer

11

Title **Geotechnical Engineer**

Years of relevant experience with other employer(s)

10

Degree(s) / Years / Specialization

MSCE / 2013 / Civil Engineering  
BE / 2007 / Civil Engineering

Active registration number / state / expiration date

PE.0043487 / LA / 09-03-2025

Year registered

2019

Discipline

Civil

Contract role(s) / brief description of responsibilities

Design Engineer/QA-QC Field Testing/Laboratory QA

Experience dates  
(mm/yy–mm/yy)

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

11/22–Present

**Project No. H.001344 US 190: LA 437 to US 190 BUS:** The scope includes conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. A P S performed a total of 8 PDA during construction monitoring.

03/23–Present

**Project No. H.0041005.5 and .6: I-10 LA415 to Essen Lane on I-10 and I-12:** The scope includes conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures A P S is currently proving PDA testing.

01/22–5/24

**Project No. H.001352.6 and H.002273.5: Comite River Diversion Bridge at LA 67, LA 19, and LA 19 RR Bridge:** The scope includes conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. A P S performed a total of 4 PDA during construction monitoring.

05/18–12/20

**Project No. H.009250: I-10: Highland to LA 73:** The purpose was to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures.

11/22–Present

**Project No. H.001344 US 190: LA 437 to US 190 BUS:** The scope includes conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. A P S performed a total of 8 PDA during construction monitoring.

08/24–Present

**Project H.014545.6: LA 454 Wiggins Bayou:** The scope includes reviewing pile drive submittals (including pile driving installation and &RFIs, performing WEAP analysis, pile monitoring, CAPWAP analysis, and troubleshooting pile driving and sheeting installation issues.



## 16. Staff Experience



Firm employed by: **APS Engineering and Testing, LLC**

Name	<b>Joseph Layton</b>	Years of relevant experience with this employer	5
Title	<b>Senior Technician</b>	Years of relevant experience with other employer(s)	8

Degree(s) / Years / Specialization

Active registration number / state / expiration date

Year registered      Discipline

Contract role(s) / brief description of responsibilities      Senior Field Technician

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
11/21-Present	<b>Project No. H.013897: College Drive Flyover-</b> The scope includes conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Layton is the senior field technician on site assign to perform testing for this project.
11/19-Present	<b>Project No. H.008145.8: LA 1 Golden Meadow to Leeville-</b> The purpose is to conducted testing on the subsurface, base course, and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Layton is the senior field technician on site assign to perform testing for this project.
01/23-Present	<b>Project No. 011098.6: LA 30 South Blvd. to W. Chimes St.-</b> The purpose is to conducted testing on the subsurface, base course, and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Layton is the senior field technician on site assign to perform testing for this project.
05/18-01/20	<b>Project No. H.009250: I-10- Highland to LA 73-</b> The purpose was to conduct testing on the subsurface, base course, and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Layton was the senior field technician on site assign to perform all field testing for this project.
01/19- 11/20	<b>Project No. 2012-FEMA-1B-1-Westend Group-</b> The purpose was to conducted testing on the subsurface, base course, and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Layton was the senior field technician on site assign to perform all field testing for this project.
04/19 -06/20	<b>Project No. H.011795: Westwood Drive (WB Expressway to Lapalco)-</b> The purpose was to conduct testing on the subsurface, base course, and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Layton was the senior field technician on site assign to perform all field testing for this project.
05/19 -12/20	<b>Project No. H.011798: Airline Park Blvd (Camphor-West Napoleon) Phase II-</b> The purpose was to conduct testing on the subsurface, base course and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Layton was the senior field technician on site assign to perform all field testing for this project.
04/18 – 12/20	<b>Project No. H.011798: Airline Park Blvd I-</b> The purpose was to conduct testing on the subsurface, base course and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Layton was the senior field technician on site assign to perform all field testing for this project.





**LA 1183: Turner Canal Bridge**  
**S.P. No. H.013948**  
**Avoyelles Parish**  
Designed by T. Baker Smith, LLC

# SECTION 17





## 17. Firm Experience

<b>Firm name:</b>	<b>T. Baker Smith, LLC</b>			<b>Past Performance Evaluation Discipline(s)*</b>	<b>Road, Bridge, Survey</b>
<b>Project name:</b>	<b>IIJA Off-System Bridge Replacement Program</b>			<b>Firm responsibility (prime or sub?)</b>	<b>Prime</b>
<b>Project number</b>	Multiple #s	<b>Owner's name</b>	Louisiana Department of Transportation and Development		
<b>Project location</b>	LADOTD District 08, LA		<b>Owner's Project Manager</b>	Brian Allen	
<b>Owner's address, phone, email</b>		1201 Capitol Access Rd., Baton Rouge, LA 70802; 225.379.1840; brian.allen@la.gov			
<b>Services commenced by this firm (mm/yy)</b>		10/22	<b>Total consultant contract cost (\$1,000's)</b>		\$ 2,450
<b>Services completed by this firm (mm/yy)</b>		Ongoing	<b>Cost of consultant services provided by this firm (\$1,000's)</b>		\$ 2,044

### Potential Project Relevance:

- ✓ Road Design ✓ Bridge Design
- ✓ Hydraulic and Hydrologic Analysis ✓ Surveying
- ✓ Environmental ✓ Construction Support

The IIJA Off-System Bridge Replacement Program is a program created with the signing of the Infrastructure Investment and Jobs Act (IIJA) to increase federal funding to replace rural bridges that are in fair or poor condition. DOTD awarded TBS with the IIJA bridge contract for District 08, which allocated approximately \$29 million to cover engineering services, construction, environmental, right-of-way acquisitions, utility relocations and construction support services.

TBS conducted an initial screening phase, which evaluated 74 bridges that were identified by DOTD as being in either fair or poor condition. TBS coordinated with all 7 parishes in the district in order to establish the parishes' priority in which bridges should be selected. Once the initial screening phase was complete, TBS delivered a Selected Structures List to DOTD for consideration. This phase resulted in 12 structures being selected, which included 9 state projects.

TBS serves as the prime consultant on this contract and is responsible for road and bridge design services including horizontal and vertical alignments, hydraulic and hydrologic analysis, cross sections, geometric details, sequence of construction, temporary erosion control, and cost estimation. TBS also provides topographic surveying services, environmental permitting, and right-of-way services.

**Project Team:** TJ Stokes, PE; Andrée F. Cortez, PE, PMP; Kenny Belou, PE; Kelly Radecker, PE; Brady Smith, PE; Daniel Binet, PE; Marc Dunn, PE; Justin Loup, EI; Daniel Fontenelle, EI; Lisa Osborne; Roman Lange; Jean Reulet, III, PLS; Anthony Burns; Ryan DiSalvo, LSI; Branden Kinnaird; Derek McGehee; Paul Olivier, PE





## 17. Firm Experience

Firm name:	T. Baker Smith, LLC			Past Performance Evaluation Discipline(s)*	Road, Bridge, Survey
Project name:	LA 20 Widening (LA 307 to S. Vacherie)			Firm responsibility (prime or sub?)	Prime
Project number	H.013116	Owner's name	Louisiana Department of Transportation and Development		
Project location	St. James and Lafourche Parishes, LA		Owner's Project Manager	Corey Landry	
Owner's address, phone, email		1201 Capitol Access Rd., Baton Rouge, LA 70802; 225.379.1889; Corey.Landry@la.gov			
Services commenced by this firm (mm/yy)		02/14	Total consultant contract cost (\$1,000's)		\$2,958
Services completed by this firm (mm/yy)		05/24	Cost of consultant services provided by this firm (\$1,000's)		\$1,791

### Potential Project Relevance:

- ✓ Roadway Widening Design
- ✓ Topographic Survey
- ✓ Hydraulic Design
- ✓ Complex Sequence of Construction

The LA 20 widening project is a safety project featuring asymmetrical roadway widening of the two-lane, rural arterial corridor from near LA 307 to South Vacherie, LA by adding 8' outside shoulders and widening travel lanes. TBS served as the Prime Consultant and conducted all design services, including Preliminary and Final bridge and roadway widening plans, structural design, bridge load rating, bridge hydraulic and scour design, permanent signing plans and details, right-of-way mapping, topographic surveying services, utility conflict analysis, utility relocation design, subsurface utility engineering (SUE) services (both Quality Level B and Quality Level A), and value engineering services. TBS also coordinated the geotechnical investigation services including the settlement analysis and pavement section determination due to the poor soil conditions of the existing site.

TBS was responsible for the horizontal and vertical design and roadway widening design, which included mill and overlay for nearly the entire project length with full depth roadway widening over existing ditches. Portions of the project also included full roadway reconstruction due to off-alignment curve realignment. TBS worked closely with LADOTD, Parish, and LADOTD District personnel to determine areas where roadway grades required adjustment to account for flooding concerns.

Additionally, TBS was responsible for all bridge design elements including the replacement of a 5-span reinforced concrete slab span bridge using split-phase construction and special design elements. TBS also worked

hand-in-hand with DOTD to coordinate the DOTD in-house design of the LA 20/Bayou Chevreuil bridge, located near the center of the roadway widening project.

The roadway is surrounded by forested swamp land conditions for much of the project's three-mile length. Upon construction completion, this improved section of roadway will meet current Rural Arterial standards and provide increased recovery area for errant vehicles. The project is design complete. Construction is expected to be complete by Q2 2025.

**Project Team:** Andrée F. Cortez, PE, PMP; Kenny Belou, PE; Kelly Radecker, PE; Daniel Binet, PE; Brady Smith, PE; Jean Reulet, III, PLS; Justin Loup, EI; Daniel Fontenelle, EI; Lisa Osborne; Laramie Leet; Dennis Hymel, PE; Paul Olivier, PE; Abbey Falcon, PE; Matt Ledet, PLS; Luke Bourg; Kelly Jones; Miles Loker, EI





## 17. Firm Experience

<b>Firm name:</b>	<b>T. Baker Smith, LLC</b>		<b>Past Performance Evaluation Discipline(s)*</b>	Road
<b>Project name:</b>	<b>US 190 at Northshore and Camp Villere</b>		<b>Firm responsibility (prime or sub?)</b>	Prime
<b>Project number</b>	H.012812	<b>Owner's name</b>	Louisiana Department of Transportation and Development	
<b>Project location</b>	St. Tammany Parish, LA		<b>Owner's Project Manager</b>	Jacob Fusilier, PE, PMP
<b>Owner's address, phone, email</b>	1201 Capitol Access Rd., Baton Rouge, LA 70802; 225.379.1185; Jacob.Fusilier@la.gov			
<b>Services commenced by this firm (mm/yy)</b>	02/20	<b>Total consultant contract cost (\$1,000's)</b>		\$547
<b>Services completed by this firm (mm/yy)</b>	12/22	<b>Cost of consultant services provided by this firm (\$1,000's)</b>		\$492

### Potential Project Relevance:

- ✓ Roundabout Design
- ✓ Intersection Design
- ✓ Hydraulic Design
- ✓ Suggested Sequence of Construction

The US 190 at Northshore and Camp Villere project involves upgrading existing signalized intersections at US 190 at Northshore Blvd and US 190 at Camp Villere with roundabouts to improve efficiency and safety along this corridor located in Slidell, LA. Within the project area, Northshore Blvd. is a 4-lane divided urban corridor which intersects with US 190, a 3-lane urban corridor. A three-legged, multi-lane roundabout was designed as the replacement of the existing signalized intersection at this location. Avoidance of adjacent commercial properties and the nearby Tammany Trace was held paramount during design. Included within the project, the nearby stop controlled intersection of US 190 and Camp Villere Rd. was replaced with a three-legged single lane roundabout. All roundabouts were designed to accommodate pedestrian movements with 7' berms for future sidewalks and splitter island accessibility. Major subsurface drainage ran parallel to US 190 and Northshore that had to be replaced with the new roadway and roundabout. A major component of the design included the early development of the Construction Phasing Plan. This plan was carefully coordinated with LADOTD, St. Tammany Parish, and LADOTD District 62 and reflected the Parish and District's desire to maintain traffic through the US 190 and Northshore Boulevard intersection.

T. Baker Smith served as the prime consultant on the project providing all roadway design, hydraulic analysis, preliminary and final plan development, a specialized and detailed written construction phasing plan as well as oversight of temporary traffic signalization design for use during construction. TBS has submitted 98% Final Plans to LADOTD in December

2022. LADOTD subsequently placed the project on hold due to funding. TBS expects to submit 100% Final Plans once project resumes.

**Project Team:** Andrée F. Cortez, PE, PMP; Kenny Belou, PE; Kelly Radecker, PE; Lisa Osborne; Justin Loup, EI; Daniel Fontenelle, EI; Dennis Hymel, PE; Paul Olivier, PE; Abbey Falcon, PE; Luke Bourg





## 17. Firm Experience

Firm name:	T. Baker Smith, LLC			Past Performance Evaluation Discipline(s)*	Road, Survey
Project name:	LA 447 & LA 1025: Roundabout			Firm responsibility (prime or sub?)	Prime
Project number	H.015576	Owner's name	Louisiana Department of Transportation and Development		
Project location	Livingston Parish, LA		Owner's Project Manager	Jacob Fusilier, PE, PMP	
Owner's address, phone, email		1201 Capitol Access Rd., Baton Rouge, LA 70802; 225.379.1185; Jacob.Fusilier@la.gov			
Services commenced by this firm (mm/yy)		11/23	Total consultant contract cost (\$1,000's)		\$430
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$430

### Potential Project Relevance:

✓ Roundabout Design ✓ Surveying ✓ Roadside Drainage ✓ Suggested Sequence of Construction

The LA 447 and LA 1025 roundabout project aims to enhance the existing stop-controlled intersection by replacing it with a single-lane urban roundabout, significantly improving both efficiency and safety along this corridor in Walker, LA. The project scope includes surveying, as well as the development of preliminary and final plans.

Due to the high-speed approaches on three legs of the intersection, special geometric design considerations were necessary. The design process adhered to LADOTD's Roadway Design Manual and NCHRP Research Report 1043. A key objective was to minimize right-of-way impacts while avoiding disruption to adjacent commercial properties.

Maintaining traffic flow on LA 447 and LA 1025 during construction is critical. TBS has successfully completed the survey phase and is now at the 100% preliminary stage. TBS is tasked with producing all preliminary and final roadway plans, including geometric and drainage design, roundabout grading, pavement marking, permanent signing layout, utility conflict matrices, and overall project management.

**Project Team:** TJ Stokes, PE; Kenny Belou, PE; Kelly Radecker, PE; Brady Smith, PE; Daniel Binet, PE; Marc Dunn, PE; Justin Loup, EI; Daniel Fontenelle, EI; Lisa Osborne; Roman Lange; Jean Reulet, III, PLS; Anthony Burns; Ryan DiSalvo, PLS; Branden Kinnaird





## 17. Firm Experience

Firm name:	T. Baker Smith, LLC			Past Performance Evaluation Discipline(s)*	Bridge, Road, Survey
Project name:	Rural Bridge Replacement Initiative, Ph I & II			Firm responsibility (prime or sub?)	Prime
Project number	Multiple Numbers	Owner's name	Louisiana Department of Transportation and Development		
Project location	Statewide, LA		Owner's Project Manager	Valerie M. Tourres, PE	
Owner's address, phone, email		1201 Capitol Access Rd., Baton Rouge, LA 70802, 225.379.1894, valerie.tourres@la.gov			
Services commenced by this firm (mm/yy)		Ph I 08/20 Ph II 05/21	Total consultant contract cost (\$1,000's)		Ph I \$6,952 Ph II \$7,282
Services completed by this firm (mm/yy)		Ph I Ongoing Ph II Ongoing	Cost of consultant services provided by this firm (\$1,000's)		Ph I \$4,470 Ph II \$4,585

### Potential Project Relevance:

- ✓ Bridge Design ✓ Roadway Design
- ✓ Surveying ✓ Right-of-Way Maps
- ✓ Sequence of Construction

As part of an overall effort by LADOTD to reduce the amount of structurally deficient bridges throughout the state as part of meeting FHWA metrics, LADOTD contracted TBS for the Rural Bridge Replacement Initiative, Phase I and Phase II projects which replaced 87 bridge structures, primarily in North and Central Louisiana.

The consultant contract was a complete turnkey project, and as the Prime, T. Baker Smith was responsible for nearly all contract services including inspection, surveying, ROW, geotechnical, preliminary and final bridge plans, preliminary and final roadway plans, construction services, scour analysis, hydraulic analysis, load rating and permanent signing for all 87 structures. TBS is coordinating geotechnical investigation and design using sub-consultants. The replacement structures include box culverts, RC Slab spans, and LG-25 girder span bridges having clear widths ranging from 24' wide to 40' wide.

TBS is also managing and delivering this extensive project through the issuance of 27 individual and concurrent State Project Numbers/Plan sets. Phase 1, which includes 47 bridge structures, is being completed short of a typical 3-4 year timeline for this extensive scope of work and LADOTD was scheduled to let all bridge structures during Federal FY 22-23. Therefore, replacement plans for all 47 bridge sites were due within 21 months, including surveying, geotechnical, design and plan development. The

project met this extremely aggressive schedule, and TBS met its initial commitment and delivered Final Plans on 15 out of 15 of the state projects by June 2022. Phase 2, which includes 40 bridge structures, is ongoing.

**Project Team:** TJ Stokes, PE; Kenny Belou, PE; Kelly Radecker, PE; Brady Smith, PE; Daniel Binet, PE; Justin Loup, EI; Daniel Fontenelle, EI; Lisa Osborne; Jean Reulet, III, PLS; Ryan DiSalvo, PLS; Anthony Burns; Lamey Leet; Derek, McGehee; Dennis Hymel, PE; Paul Olivier, PE; Abbey Falcon, PE; Matt Ledet, PLS; James Ledet, PE; Megan Miller, PE; Miles Loker, EI; Luke Bourg; Kelly Jones



## 17. Firm Experience

<b>Firm name:</b>	<b>Crescent Engineering &amp; Mapping, LLC</b>	<b>Past Performance Evaluation Discipline(s)*</b>	<b>Survey, Road</b>
<b>Project name:</b>	<b>LA 3127 Widening (LA 20 to LA 3213)</b>	<b>Firm responsibility (prime or sub?)</b>	<b>Prime</b>
<b>Project number</b>	50-J47-21-01	<b>Owner's name</b>	St. James Parish Government/LADOTD
<b>Project location</b>	Vacherie, LA	<b>Owner's Project Manager</b>	Ryan Larousse/Jacob Fusilier, P.E., PMP
<b>Owner's address, phone, email</b>	5800 LA Hwy 44, Convent, LA 70723 225-206-1379 ryan.larousse@stjamesparishla.gov		
<b>Services commenced by this firm (mm/yy)</b>	04/22	<b>Total consultant contract cost (\$1,000's)</b>	\$1,525
<b>Services completed by this firm (mm/yy)</b>	Ongoing	<b>Cost of consultant services provided by this firm (\$1,000's)</b>	\$1,180

The LA 3127 Widening project involves **widening 3.5 miles of existing 2-lane roadway to a 4-lane divided** section with a 64' wide, depressed median, directional U-turns, Restricted Crossing U-turns (R-CUT's) and multi-lane roundabouts at LA 3213 and LA 20. The project includes traffic studies, feasibility, planning/environmental, topographic surveys, roadway design, geotechnical, contract management, and construction support services. The traffic study was prepared in accordance with LADOTD TEPR guidelines and all project scoping including survey and roadway design is in accordance with LADOTD design guidelines and requirements for plan production due to current state funding and anticipated federal funding.

Crescent Engineering & Mapping, LLC is the prime consultant for the project and is responsible for all topographic surveying, hydraulic analysis and design, **Level 3 TMP**, roadway/J-Turn/roundabout **geometrics, property surveys, R/W mapping**, inroads modeling, utility coordination, **permit drawings, patching, mill/overlay and reconstruction** of the existing LA 3127 roadway, agency coordination, construction support, geotechnical and environmental coordination, and plan production for Preliminary and Final plans. The project's design and drawings are being developed per LADOTD design guidelines and plan requirements using Microstation/Inroads. Crescent has completed all surveying and traffic studies associated with the intersection improvements as well as the 60% Preliminary Plans. The 90% Preliminary Plans are due in November 2024. The project is being reviewed by LADOTD and FP&C at all submittal stages.

**Team Members Highlighted in this Proposal:** Dennis M. Hymel Jr., P.E., Paul I. Olivier, P.E., Abbey F. Falcon, P.E., James P. Ledet, P.E., Luke Bourg, Miles Loker Matthew Ledet, P.L.S., Kelly Jones, Dakotah Holley





## 17. Firm Experience

Firm name:	<b>Crescent Engineering &amp; Mapping, LLC</b>		Past Performance Evaluation Discipline(s)*	Survey, Road
Project name:	<b>St. James Parish Road Program (FY2022-FY2024)</b>		Firm responsibility (prime or sub?)	Prime
Project number		Owner's name	St. James Parish Government	
Project location	St. James Parish		Owner's Project Manager	Ryan Larousse
Owner's address, phone, email	5800 LA Hwy 44, Convent, LA 70723 225-206-1379 ryan.larousse@stjamesparishla.gov			
Services commenced by this firm (mm/yy)	02/22	Total consultant contract cost (\$1,000's)		\$697
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$655

Crescent Engineering & Mapping, LLC is the Prime Consultant for St. James Parish's FY2022, 2023, and 2024 Parish-wide Roadway Rehabilitation Program. The project involves the **reconstruction and rehabilitation** of roadways throughout the Parish and includes asphalt overlays, **asphalt and PCC pavement patching, concrete curb and gutter**, driveways and pedestrian accommodations. Additional project requirements include **topographic surveying, geotechnical support services, bidding assistance and construction support**.

Crescent is responsible for reconnaissance of the Parish roadway network, public outreach, roadway prioritization, assistance in the selection of roadways for the program, topographic surveys, roadway and hydraulic design, utility surveys and coordination, geotechnical engineering oversight, bidding assistance and construction support services. Overall, the project encompasses over 16 miles of roadway length spread throughout **all Parish districts and let annually (three (3) separate projects)**. The topographic survey was completed using LADOTD survey codes and procedures for control establishment with all survey data processed in Microstation/Inroads using LADOTD processing procedures. The project's design drawings are also being developed as traditional roadway plan and plan/profile sheets using Bentley Microstation/Inroads prepared in accordance with LADOTD procedures. Design elements include horizontal and vertical alignments of reconstructed roadways, typical roadway sections, pavement patching identification and details, pavement design recommendations, inlet spacing and pipe sizing calculations, inroads modeling/cross section development of reconstructed roadways, and quantity calculations. Construction is complete on the 2022 and 2023 programs and the 2024 program will let in November 2024.

**Team Members Highlighted in this Proposal:** Dennis M. Hymel Jr., P.E., Paul I. Olivier, P.E., Abbey F. Falcon, P.E., James P. Ledet, P.E., Luke Bourg, Miles Loker, Matthew Ledet, P.L.S., Kelly Jones, Dakotah Holley





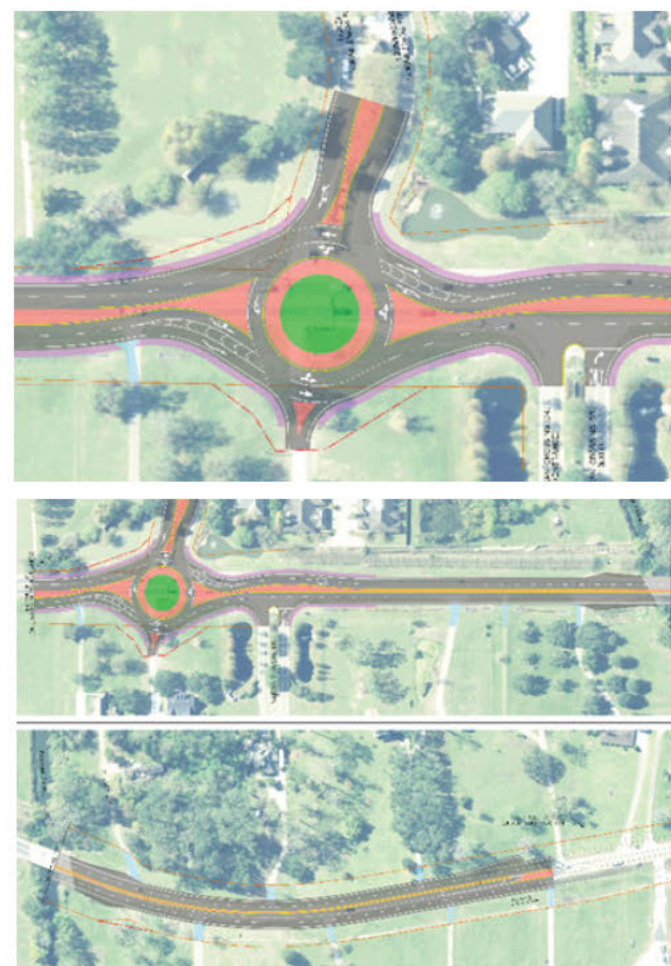
## 17. Firm Experience

Firm name:	Crescent Engineering & Mapping, LLC		Past Performance Evaluation Discipline(s)*	Road, Bridge
Project name:	LA 44: Pelican Point Roundabout and Widen		Firm responsibility (prime or sub?)	Prime
Project number	H.015568.5	Owner's name	Louisiana Department of Transportation & Development/LADOTD	
Project location	Ascension Parish		Owner's Project Manager	Jacob Fusilier, P.E., P.M.P
Owner's address, phone, email		1201 Capitol Access Rd., Baton Rouge, LA 70802 225-379-1185 jacob.fusilier@la.gov		
Services commenced by this firm (mm/yy)		08/24	Total consultant contract cost (\$1,000's)	\$777
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$557

The LA 44 Pelican Point Roundabout and Widening project involves **widening 1 mile of existing 2-lane roadway to a 4-lane urban** section with a raised median, directional U-turns, a multi-lane roundabout at Pelican Point Parkway and replacement of the existing RC Slab span bridge over the Panama Canal. The project includes traffic, feasibility, planning/ environmental, roadway design, bridge design, geotechnical support and coordination, contract management, and construction support services. The project also includes **patching, mill/overlay and reconstruction** along the existing LA 44 roadway sections.

Crescent Engineering & Mapping, LLC is the prime consultant for the project and is responsible for all hydraulic analysis and design, TMP, roadway/J-Turn/roundabout geometrics, public meetings, inroads modeling, bridge design (including inspection, load rating and bridge evaluation report), utility conflict matrices and coordination, permit drawings, and related roadway design aspects of the corridor as well as agency coordination, construction support, geotechnical and environmental coordination, geotechnical boring plans, and plan production for Preliminary and Final plans. Crescent has completed the bridge inspection, load rating and evaluation report, public meetings, boring plans and preliminary geometric layout of the roundabout and roadway corridor. The 30% Preliminary Plans are due in November 2024.

**Team Members Highlighted in this Proposal:** Dennis M. Hymel Jr., P.E., Paul Olivier, P.E., Abbey Falcon, P.E., Megan Miller, P.E., James Ledet, P.E., Luke Bourg, Miles Loker, Matthew Ledet, P.L.S., Kelly Jones, Dakotah Holley



## 17. Firm Experience

Firm name:	Vectura Consulting Services, LLC			Past Performance Evaluation Discipline(s)*		Traffic
Project name:	I-10 ITS Scott to Lake Charles			Firm responsibility (prime or sub?)		Subconsultant
Project number	H.013256.5	Owner's name	DOTD			
Project location	I-10 (District 07)		Owner's Project Manager		Roy Esteven, PE	
Owner's address, phone, email		1201 Capitol Access Road, Baton Rouge, LA 70802; 225-379-2527; Roy.Esteven@LA.gov				
Services commenced by this firm (mm/yy)		01/21	Total consultant contract cost (\$1,000's)			Unknown
Services completed by this firm (mm/yy)		03/21	Cost of consultant services provided by this firm (\$1,000's)			\$20

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

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

**Personnel Utilized on this project:** Laurence Lambert, II, PE, PTOE, PTP; Sheelagh Brin Ferlito, PE, PTOE; Reece Rodrigue, PE, PTOE, RSP1; Kristen Farrington, PE, PTOE, RSP1

100% performed in Louisiana

Applicable for this project {Required (✓)}	Level 2 TMP Components	Stage 0	Stage 1	Stage 3		Workflow Notes
				Preliminary	Final	
				60% Submittal	90% Submittal	
	Analysis	Percent Complete				
	• <u>Detour Analysis</u>	100%				①
	• <u>Queue Analysis according to EDSMVI.1.1.4</u>	100%				①
	Documentation	Percent Complete				
✓	• <u>TTC Details</u>			50%	100%	②
	• <u>TTC Plan (based on type and location of construction)</u>			50%	100%	②
	• <u>Mitigation (if the current roadway is LOS F)</u>	60%	100%			④
	• <u>Mitigation (if the roadway is on the Abnormal Crash Location list)</u>	60%	100%			④
	• <u>Evacuation Strategy (if used as an evacuation route)</u>	100%				④
	• <u>Work Restrictions</u>	20%	50%	70%	100%	④
✓	• <u>Basic Public Information release at the District level</u>			60%	100%	⑧



## 17. Firm Experience

<b>Firm name:</b>	<b>Vectura Consulting Services, LLC</b>		<b>Past Performance Evaluation Discipline(s)*</b>	<b>Traffic, CE&amp;I/OV</b>
<b>Project name:</b>	<b>Belle Chasse Bridge &amp; Tunnel Replacement PPP</b>		<b>Firm responsibility (prime or sub?)</b>	<b>Subconsultant</b>
<b>Project number</b>	H.004791	<b>Owner's name</b>	DOTD	
<b>Project location</b>	Belle Chasse, LA		<b>Owner's Project Manager</b>	Nickolas Olivier, PE
<b>Owner's address, phone, email</b>	1201 Capitol Access Road, Baton Rouge, LA 70802; 225-379-1133; Nicholas.olivier@la.gov			
<b>Services commenced by this firm (mm/yy)</b>	04/19	<b>Total consultant contract cost (\$1,000's)</b>		Unknown
<b>Services completed by this firm (mm/yy)</b>	current	<b>Cost of consultant services provided by this firm (\$1,000's)</b>		\$211

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

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

(100% performed in Louisiana)

**Personnel Utilized on this project:** Sheelagh Brin Ferlito, PE, PTOE; Laurence Lambert, II, PE, PTOE, PTP; Reece Rodrigue, PE, PTOE, RSP1

### BELLE CHASSE BRIDGE AND TUNNEL REPLACEMENT PROJECT UPDATE

### Phase 1c - November 2022



## 17. Firm Experience

<b>Firm name:</b>	<b>Vectura Consulting Services, LLC</b>		<b>Past Performance Evaluation Discipline(s)*</b>	<b>Traffic</b>
<b>Project name:</b>	<b>I-20: LA 544 Overpass Replacement</b>		<b>Firm responsibility (prime or sub?)</b>	<b>Subconsultant</b>
<b>Project number</b>	H.010616	<b>Owner's name</b>	DOTD	
<b>Project location</b>	Baton Rouge, LA		<b>Owner's Project Manager</b>	Jacob Fusilier
<b>Owner's address, phone, email</b>	1201 Capitol Access Road, Baton Rouge, LA 70802; 225-379-1185; Jacob.Fusilier@la.gov			
<b>Services commenced by this firm (mm/yy)</b>	04/23	<b>Total consultant contract cost (\$1,000's)</b>		Unknown
<b>Services completed by this firm (mm/yy)</b>	10/23	<b>Cost of consultant services provided by this firm (\$1,000's)</b>		\$131

Vectura performed a Level 2 Traffic Management Plan (TMP) that included the following activities:

- Preliminary and final traffic studies
- Temporary and final traffic signal plans
- Traffic Management Plan (TMP)
  - o safety strategy that included a CAT Scan,
  - o LOS determination utilizing Citrix data,
  - o lane closure recommendations based on a queue analysis,
  - o cost estimate,
  - o and public information strategies.

**Personnel Utilized on this project:** Laurence Lambert, II, PE, PTOE, PTP; Sheelagh Brin Ferlito, PE, PTOE; Reece Rodrigue, PE, PTOE, RSP1; Kristen Farrington, PE, PTOE, RSP1

(100% performed in Louisiana)





## 17. Firm Experience

Firm name	A P S Engineering and Testing, LLC		Past Performance Evaluation Discipline(s)*	** CE&I/OV **	
Project name	Comite River Diversion Bridge at LA 96, LA 19 and LA 19 RR			Firm responsibility (prime or sub?)	Sub
Project number	H.001352.6	Owner's name	Huval & Associates, inc.		
Project location	East Baton Rouge, LA			Owner's Project Manager	Thomas M. Gattles III, P.E.
Owner's address, phone, email	922 West Pont des Mouton Road, Lafayette, LA 70507 / 337.234.3798/ <a href="mailto:tgattle@huvalassoc.com">tgattle@huvalassoc.com</a>				
Services commenced by this firm (mm/yy)	01/22	Total consultant contract cost (\$1,000's)			N/A
Services completed by this firm (mm/yy)	On-going	Cost of consultant services provided by this firm (\$1,000's)			\$78

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

The scope of work includes providing roadway, geotechnical and structural construction related services. A P S is currently providing PDA instrumentation, testing and CAPWAP analysis.

### KEY PERSONNEL:

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

### SIMILARITIES TO PROFESSIONAL GEOTECHNICAL SERVICES

- ☒ Geotechnical Construction (GC)
- ☒ Construction Inspection
- ☒ Contract Management (CM)





## 17. Firm Experience

Firm name	A P S Engineering and Testing, LLC		Past Performance Evaluation Discipline(s)*	** CE&I/OV **	
Project name	RR062 Hollygrove/Leonidas Group			Firm responsibility (prime or sub?)	Sub
Project number		Owner's name	DPW New Orleans		
Project location	New Orleans, LA		Owner's Project Manager	Khalid Saleh	
Owner's address, phone, email	1300 Perdido Street, Ste. 6W03, New Orleans, LA 70112 / 504.658.8100 / <a href="mailto:ksaleh@nola.gov">ksaleh@nola.gov</a>				
Services commenced by this firm (mm/yy)		06/20	Total consultant contract cost (\$1,000's)		N/A
Services completed by this firm (mm/yy)		On-going	Cost of consultant services provided by this firm (\$1,000's)		\$300

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

The City of New Orleans implemented a multi-million-dollar, multi-year comprehensive program to repair roadways damaged due to hurricane Katrina. A P S Engineering provided professional engineering services in a multi-neighborhood project for the Hollygrove portion of the Hollygrove/Leonidas Group A project under Waggoner Engineering.

The repairs in this project that were determined to be eligible for FEMA funding were roadways, sidewalks, ADA ramps, and curbing. A P S performed a thorough assessment of these damages and recommended the best value approach to implement the repairs. The recommendations by A P S allowed the City of New Orleans to maximize the federal dollars to have the most impact on the neighborhood's infrastructure as possible.

The Hollygrove neighborhood project included multiple construction repair types with an estimated value for roadway improvements that is approximately \$10 million.

### KEY PERSONNEL:

Sergio Aviles, P.E. - Project Manager

Sai Eddanapudi, M.E., P.E. - Project Engineer

#### SIMILARITIES TO PROFESSIONAL GEOTECHNICAL SERVICES

- X Geotechnical Construction (GC)
- X Construction Inspection
- X Contract Management (CM)



## 17. Firm Experience

Firm name	A P S Engineering and Testing, LLC		Past Performance Evaluation Discipline(s)*	** CE&I/OV **	
Project name	Lakeview Street Reconstruction			Firm responsibility (prime or sub?)	Sub
Project number		Owner's name	New Orleans Department of Public Works		
Project location	New Orleans, LA			Owner's Project Manager	James R. Kapisis
Owner's address, phone, email	13000 Perdido Street, New Orleans, LA 70112/ 504-658-8000 / <a href="mailto:jkapisis@la.gov">jkapisis@la.gov</a>				
Services commenced by this firm (mm/yy)	10/12	Total consultant contract cost (\$1,000's)			N/A
Services completed by this firm (mm/yy)	09/13	Cost of consultant services provided by this firm (\$1,000's)			\$240

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

A P S was tasked with the QA for material testing services. As the QA testing lab, A P S conducted the approved soil, compaction and concrete testing.

### KEY PERSONNEL:

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

Joseph Layton -Field Technician

#### SIMILARITIES TO PROFESSIONAL GEOTECHNICAL SERVICES

- X** | Geotechnical Construction (GC)
- X** | Constructability
- X** | Contract Management (CM)





**LA 3241: LA 435 to LA 40 / LA 41**

**S.P. No. H.004113**

Designed by T. Baker Smith, LLC

# SECTION 18





## 18. Approach and Methodology

### PROJECT INTRODUCTION & CONTEXT

In order to assist LADOTD and the District 08 staff in delivering design contracts, **T. Baker Smith, LLC (TBS)** is pleased to offer its services and design resources for this IDIQ contract. We recognize that an IDIQ contract is a valuable contracting tool for LADOTD and its Districts, allowing quick engagement on time-sensitive projects.

TBS and its teaming partners understand this IDIQ will include projects requiring either full-size design plans or projects following the pavement preservation guidelines. These projects may include road widening or rehabilitation, drainage, pavement replacement, intersection improvements (including turn lane modifications or roundabouts), topographic surveying, right-of-way maps, or even structural/bridge design. We believe the projects detailed in Section 17 of this document demonstrate our team's ability to provide exemplary services to LADOTD.

TBS and its partner firms provide extensive experience in working with District 08 and its representative Parishes: TBS is currently executing the **IIJA Off-System Bridge Program for District 08**. We met with representatives from every Parish during initial services and are working closely with the District and those Parishes through the design. For more information on this project, refer to Section 17.

TBS and its teaming partners lean on their extensive IDIQ experience to establish a proven Project Approach.

### PROJECT APPROACH

#### Team Management

For more than 100 years, TBS has provided tailored engineering solutions to enhance our local communities. The heart of TBS' philosophy is our commitment to develop trusted partnerships with our clients by providing exemplary services. TBS is proud to serve as the prime consultant partnered with trusted subconsultants **Crescent Engineering & Mapping, LLC, Vectura Consulting Services, LLC, and APS Engineering and Testing, LLC**. These firms provide an excellent track record of successfully completing design, topographic surveying, traffic engineering, and geotechnical engineering services for LADOTD. Our team objective is to offer DOTD a highly-skilled team who has successfully collaborated on past projects and is capable of providing full-service services for this IDIQ contract.

We offer the following team structure for services anticipated on the projects for this IDIQ:

- **TBS and Crescent will provide roadway and structural design, topographic surveying, property surveying and right-of-way mapping services.**
- **Vectura will provide traffic engineering services and traffic management plans.**
- **APS will provide geotechnical engineering services.**

#### Task Order Management

Task Order Management begins with the overall Contract Manager. **Kenny Belou, PE brings 19 years of experience in the planning, execution, and management of transportation projects using LADOTD and AASHTO design guidelines.**

Kenny will work with LADOTD at the onset of each potential task order to accurately identify the project scope, and—once the scope is defined—Kenny will engage the team appropriate to the project scope.

TBS's Team will leverage key strengths for successful execution of Task Orders:

- **Experienced Team:** The extensive experience of our team staff, as outlined in Section 16, along with our commitment to staff continuity, ensures effective project execution.
- **Clear Communication:** We provide timely updates to the LADOTD, with prompt responses to inquiries and proactive engagement on schedules and costs.
- **Swift Task Order Execution:** TBS excels in meeting tight deadlines, demonstrated by our successful completion of projects like the I-12: US 190 to LA 59 within accelerated timelines.
- **Local Partnerships:** Our established relationships with District 08 Parishes enable us to align projects with community needs, ensuring relevance and acceptance.

### PROJECT METHODOLOGY

TBS understands that each task order will vary in scale, complexity, and scope. We will follow the typical steps and stages outlined in the LADOTD Road Design Manual and follow appropriately identified guidelines including the Minimum Design Guidelines, 3R Guidelines for NHS routes, and PRR Guidelines. We will propose the following project plan development process, which has been proven to be successful on past LADOTD projects. However, we will assess and alter this process to meet each project's needs, requirements, and schedule.

## 18. Approach and Methodology

### PROJECT

#### PLAN DEVELOPMENT & MILESTONES

##### Scoping/Task Order Development

Following the initial contact from the LADOTD Project Manager for a potential task order, TBS will request a scoping meeting to discuss the project context (location, purpose, need, stakeholders, funding sources, etc), identify the project scope, and set initial project schedule and timeline. TBS will work with LADOTD to confirm guidelines and submittal stages. **This meeting will allow the TBS team to work closely with LADOTD HQ and District staff to identify challenges to develop a strategy to resolve or mitigate them early in the design process.**

TBS will develop a Project Management Plan (PMP) for the task order which will include a detailed scope of the project, a detailed schedule including submittal milestones, a project communication plan, a project-specific quality control and assurance plan, and a project risk register. TBS will also develop a work hour proposal based on this staffing plan and submit to LADOTD for review, comment, and approval.

##### Kick-Off Meeting

Following the issuance of the Task Order, the TBS team will meet with the LADOTD Project Manager along with any applicable LADOTD District or technical personnel. This meeting will be the opportunity to introduce the TBS Project Manager

and our consultant's key team members to the LADOTD staff. We'll discuss the PMP staffing plan and implementation of our QA/QC plan, confirm the schedule for project submittals, allow the LADOTD staff the opportunity to share project-specific expectations, discuss design criteria, design reports and budget.

Additionally, existing data can be shared with the TBS design team (feasibility studies, as-builts, traffic studies, survey data—if available, or other data available to LADOTD staff).

##### Review of Existing Data/Field Visits

After conclusion of the Kick-Off Meeting and following receipt of all existing data from LADOTD, District, Parish(es), stakeholders, and utilities; TBS will organize and review all existing data to determine if project design criteria should be adjusted. Field Visits will be scheduled to compare existing data to current conditions and to observe project site with regards to adjacent property, lands, and conditions. Field visit notes will be recorded for project files and any additional data identified in the field will be catalogued and transmitted to LADOTD. **These field visits allow our design team to identify potential design challenges early in the design process—including drainage concerns, utility conflicts, existing pavement and base failures, proximity to existing right-of-way and potential right-of-way concerns.**

##### Additional Data Collection

If the project requires additional data collection, including Topographic Surveying, Property Surveys, Geotechnical Investigations/Engineering, or Traffic Studies/Engineering; TBS will coordinate with the respective team members to initiate those requests.

##### Topographic Surveying Services

TBS and Crescent will provide topographic surveying services. **The ability to conduct in-house surveying, no matter the task order project management team, provides a distinct advantage to the TBS IDIQ team.** Both engineering staffs work closely with their respective surveying groups, collaborating on projects throughout the state, for LADOTD and municipalities. This redundancy between TBS and Crescent allows us to efficiently engage on multiple task orders without compromising our standard quality or schedule requirements. The TBS IDIQ team has the means to utilize a wide range of data collection techniques, including hydrographic survey vessels and LIDAR scanners, ensuring the ability to collect the desired information regardless of site location or conditions.

**TBS and Crescent staff have worked on LADOTD Surveying IDIQ contracts and are intimately familiar with LADOTD Location and Survey standards.** The field effort will begin with a control survey to set project monuments that will

**TBS and its team have extensive experience managing IDIQ projects and have a firm understanding of LADOTD's IDIQ process.**

**Kenny Belou, PE (TBS):** 44-24928 IDIQ Contract for Roadway Design Services Statewide

**Jean Reulet, PLS (TBS):** 44-21973 IDIQ Contract for Professional Surveying Services Statewide

**TJ Stokes, PE (TBS):** 44-25511 IDIQ Contract for Professional Subsurface Utility Engineering Services Statewide

**Dennis Hymel, PE (Crescent):** 44-27180 IDIQ Contract for Design of Transportation Alternatives Program Projects Statewide

**Sergio Aviles, PE (APS):** 44-24653 IDIQ Contract for Geotechnical Services Statewide



## 18. Approach and Methodology

be used during the field survey and throughout the project. Following field data collection, control sketches will be prepared and submitted to LADOTD for approval. Following approval, survey data will be collected adhering to the LADOTD feature code list. All data received from the field will be processed in Bentley Microstation/InRoads and will be reviewed for completeness prior to preparation of survey deliverables. **By working with in-house surveyors, the engineering teams are available to conduct extra reviews and assist with alignments before submitting to LADOTD Location and Survey.**

### Subsurface Utility Engineering

TBS' industry-leading Subsurface Utility Engineering (SUE) group will provide utility research and can provide additional Quality Level B or A support pending project requirements or needs.

### Geotechnical Investigations

TBS recognizes that the Consultant may need to sample and test sub-grade soil borings, as noted in the project ad. Partnered with APS Engineering & Testing, LLC, TBS will identify boring locations, conduct sampling and testing per District Lab requirements, and deliver schedules and reports to the District Lab Engineer.

### Design Criteria

The TBS team will use gathered data, site visit information, and LADOTD guidelines to develop design criteria, including Draft Design Report Forms, and identify potential waivers or exceptions. These items, combined with early collaboration with LADOTD's Project Manager and task managers ensures alignment on key decisions and issues.

### Preliminary Design

After review and confirmation of the design criteria, TBS will prepare a 30% Preliminary Plan submittal which defines the typical section and early geometric layout of the project. **TBS understands that a 30% submittal may not be required for certain task orders and, in lieu of the submittal, the TBS team could either proceed to 60% Preliminary Plans or offer a Design Workshop with LADOTD's Project Manager and District staff** to discuss geometric layouts and determine typical section and geometric layout preferences. For 60% Preliminary Plans, TBS will prepare initial design elements and begin development of geometric details. Additionally, TBS will conduct hydraulic analysis and drainage design in accordance with the LADOTD Hydraulics Manual and utilizing LADOTD's HydroWin programs. Our team's extensive expertise in InRoads modeling will allow us to clearly define

limits of construction, earthwork quantities, and—if necessary—preliminary taking lines. Following review, the 90% Preliminary Plans will be developed, including a suggested sequence of construction and any design waivers or exceptions will be drafted. **The TBS design teams—in concert with the SUE team—will prepare a Utility Conflict Matrix to identify any major utility concerns in the area.** After plans are submitted, the Plan-In-Hand Meeting and site visit will be held to ensure LADOTD and project stakeholders are in agreement on major design decisions, pay items, and scope items. As part of this, TBS will prepare comprehensive meeting minutes for distribution within three days. Following the Plan-In-Hand, 100% Preliminary Plans and any final right-of-way taking lines will be developed and provided. The TBS design and survey teams will attend the Joint Plan Review Meeting as directed by the LADOTD Project Manager and LADOTD Location and Survey. TBS's Environmental Group will oversee all permit drawing preparation for incorporation into DOTD's permit applications or environmental clearance processes.

### Property Survey & RW Maps

Should the project require right-of-way acquisition, **TBS and Crescent both can provide property surveys and right-of-way mapping in-house.** These right-of-way mapping services will

**Other Services** | If identified through the execution of a task order and if engaged by LADOTD, the TBS Team is able to perform additional services including Bridge or Structural Design, Traffic Engineering, NEPA Documentation and permitting, and Subsurface Utility Engineering Services.

**Bridge/Structural Design** TBS and Crescent's design teams have extensive experience (as shown in Section 17 of this document) to complete any needs that are identified, including slab span or girder bridge design or widening, box culvert, or guardrail design.

**Traffic Engineering** Through our teaming partner, Vectura, the TBS team has the ability and expertise to conduct various traffic engineering services. These services could include, but are not limited to, traffic data collection and modeling, temporary or permanent traffic signal design, and ITS design.

**NEPA Documentation and Permitting** TBS maintains a full-service Environmental Discipline. Our environmental professionals have extensive experience in completing Phase 1 ESA documents, Wetland Studies, and Environmental Assessment/NEPA Permitting for LADOTD projects throughout the state.



## 18. Approach and Methodology

be prepared in strict accordance with LADOTD's Addendum "A" to the Location and Survey Manual. The Field Property Survey will be prepared based off of the Topographic Survey provided either in previous project phases or based on topographic survey provided by LADOTD. Title Take-offs will be compiled and submitted with the Property Survey Deliverable.

Following the identification of the design limits of construction and the required right-of-way lines developed in the 60% Preliminary Plan submittal, TBS or Crescent's surveying group will prepare the 60% Base Right-of-Way Maps in accordance with Addendum "A". Check Prints and Final Maps will be prepared in successive submittals following the Joint-Plan-Review held with LADOTD's Location and Survey personnel.

### Final Design

Once authorized via a Notice to Proceed or Supplemental Agreement, the Final Plan development will commence. This typically

includes submittals at 60%, 95%, 98%, and 100% milestones. Quantity tables and final hydraulic calculations will be submitted with the 60% Final Plans. Upon LADOTD review and approval, TBS will address comments and revise plans for the 95% Final Plan submittal. A Final Plan Review Meeting will be held with the LADOTD Project Manager and District personnel to confirm all comments and design concerns have been addressed. The 100% Final Plan submittal will consist of a full plan set signed, sealed, and dated by the Engineer of Record, a Storm Water Pollution Prevention Plan Form, cost estimate, calculation book and final QA/QC form calculation book, final QA/QC form, and any project specific documents. **TBS is prepared to provide quantities and unit costs through LADOTD's AASHTOWare Project Program.**

### Construction Proposal Services

TBS understands LADOTD's desire for the Consultant to prepare construction proposal documents per its standard practice. With extensive experience producing specifications

and proposals for clients statewide, and with intimate familiarity with LADOTD Construction Proposals, TBS is ready to perform these tasks for DOTD as needed. After LADOTD awards the construction contract, TBS will prepare contract documents, as per LADOTD standards.

### Electronic Deliverables

In conformance with LADOTD Software and Deliverable Standards for Electronic Plans, TBS exclusively uses Bentley MicroStation V8i for CAD drafting and CAD Conform for CAD Standards Management. However, **TBS personnel have been conducting work in Bentley OpenRoads for other clients and are prepared for LADOTD's transition to OpenRoads.** This flexibility allows the TBS team a distinct advantage through the length of the IDIQ contract.

**QA/QC** At TBS, we prioritize Quality Assurance and Quality Control as essential to project success. Our PMP for transportation design includes a systematic QA/QC program featuring independent design reviews before each milestone submittal to assess constructability, standards compliance, and interdisciplinary compatibility. We ensure all prior comments are addressed and utilize Design Review and Comment Response forms for both internal and LADOTD feedback. Additionally, our Transportation Design group employs internal checklists for roadway and bridge projects. This comprehensive approach has consistently resulted in high-quality plans with minimal field modifications, demonstrated by our strong track record on both large and small projects.






**LA 3241: LA 435 to LA 40 / LA 41**  
**S.P. No. H.004113**  
Designed by T. Baker Smith, LLC

# SECTIONS 19 – 23



## 19. Workload


Firm(s) All firms must be represented in this table	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Unpaid Balance**
	Bridge	4400013407 / H.013199	Country Estates Dr. Over St. Louis Bayou	\$799
		4400019336 / Multiple S.P. No's	Rural Bridge Replacement Initiative Phase II	\$132,873
		4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$144,527
	CE&I/OV	4400025760 / H.011137	I-12: LA 1077 to LA 21 (CE&I)	\$1,400,187
	Environmental	4400019336 / Multiple S.P. No's	Rural Bridge Replacement Initiative Phase II	\$49,348
		4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$59,109
	Other (Construction Support)	4400013203 / H.001344	US 190: LA 437 to US 190 Bus (Ph 1)	\$85,208
		4400017598 / H.013942	LA 9: Middle Fork Bayou and Creek Bridges	\$10,926
		4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$102,092
	Other (Contract Management)	4400019336 / Multiple S.P. No's	Rural Bridge Replacement Initiative Phase II	\$23,732
		4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$78,361
	Other (Hydraulics)	4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$6,188
	Other (Subsurface Utility Engineering)	4400025511 / H.004100.5	I-10: LA 410 to Essen	\$25,169
		4400025511 / H.015569.5	LA 44: I-10 Roundabouts	\$30,431
	Road	4400013407 / H.013199	Country Estates Dr. Over St. Louis Bayou	\$750
		4400019336 / Multiple S.P. No's	Rural Bridge Replacement Initiative Phase II	\$134,011
		4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$257,694
		4400024928 / H.015576 (Task Order #1)	LA 447 & LA 1025: ROUNDABOUT	\$162,501
		4400024928 / H.015721 (Task Order #2)	LA 30: ROUNDABOUT @ ST ELIZABETH/ S PENN	\$345,422
	Survey	4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$135,010
		4400021973/H.009892	US 90 FR: Extension to LA 329	\$73,365



## 19. Workload


Firm(s) All firms must be represented in this table	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Unpaid Balance**
	Bridge	44-24591; H.014992	McHugh Road Over Brushy Bayou	\$995
		44-25035; H.014984	Libuse Cutoff Road Over Flagon Bayou	\$48,806
		44-28434; H.015568	LA 44: Pelican Point Roundabout and Widen	\$82,821
	Planning	44-27180; H.016012	Transportation Alternatives Program (T.O. #1)	\$37,517
	Road	44-24591; H.014992	McHugh Road Over Brushy Bayou	\$2,323
		44-25035; H.014984	Libuse Cutoff Road Over Flagon Bayou	\$21,927
		44-28434; H.015568	LA 44: Pelican Point Roundabout and Widen	\$434,167
	CE&I/OV	4400020018; H.007160	EBR Computerized Traffic Signal, Ph VB	\$66,032
	ITS	4400016364; H.015136.1	Lake Charles Regional ITS Architecture Update	\$12,643
		4400017922; H.012845.1	C/AV Team and Working Group Support	\$6,820
		4400017922; H.014515.5	SEA ATMS and 511 System	\$11,652
		44000020058; H.011507.1	Monroe Phase 3 SEA	\$29,217
		4400016364; H.015136.1	Shreveport-Bossier Regional ITS Architecture Update	\$11,260
		4400016364; H.014511.1	Houma Regional ITS Architecture Update	\$10,746
	Traffic	4400017293; H.010616	I-20: LA 544 Overpass Replacement	\$74,429
		4400005484; H.005168.2	New Orleans Rail Gateway Avondale EA	\$71,398
		H.00479	Belle Chasse Bridge & Tunnel Replacement PPP	\$11,202
		4400021519; H.012030.5	KCS RR Overpasses HBI	\$572
		4400023075; H.013522	S. Lewis Street Widening	\$7,499
		4400018271; H.014746.5	LA 383 Stage 0 Corridor Study	\$20,146
		4400025299; H.013421.5	Dist. 02H Flashing Yellow Arrow Part 2	\$360,988
		4400025299; H.01564.5	LA 47 Hayne Blvd Safety Improvements	\$57,042

## 19. Workload

Firm(s) All firms must be represented in this table	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Unpaid Balance**
	CE&I/OV	4400024653/ H.01254.6	Wiggins Bayou Bridge	\$70,617
	Geotech	4400091011 / H.001711	Saline Bayou Relief & Creek Mill	\$110,632
		4400017262 / H.012545.5	Union Pacific Railroad	\$62,233

## 20. Certifications/Licenses




State of Louisiana Secretary of State 		<u>COMMERCIAL DIVISION</u> 225.925.4704  <u>Fax Numbers</u> 225.932.5317 (Admin. Services) 225.932.5314 (Corporations) 225.932.5318 (UCC)	
<b>Name</b>	<b>Type</b>	<b>City</b>	<b>Status</b>
T. BAKER SMITH, LLC	Limited Liability Company	HOUMA	Active
<b>Previous Names</b>			
T. BAKER SMITH, L.L.C. (Changed: 3/23/2011)			
T. BAKER SMITH, INC. (Changed: 12/13/2010)			
T. BAKER SMITH & SON, INC. (Changed: 4/20/2005)			
<b>Business:</b> T. BAKER SMITH, LLC			
<b>Charter Number:</b> 26901340K			
<b>Registration Date:</b> 1/7/1965			
<b>Domicile Address</b>			
412 SOUTH VAN AVENUE			
HOUMA, LA 70363			
<b>Mailing Address</b>			
P.O. BOX 2266			
HOUMA, LA 70361			
<b>Status</b>			
<b>Status:</b> Active			
<b>Annual Report Status:</b> In Good Standing			
<b>File Date:</b> 1/7/1965			
<b>Last Report Filed:</b> 12/11/2023			
<b>Type:</b> Limited Liability Company			
<b>Registered Agent(s)</b>			
<b>Agent:</b> KENNETH W. SMITH			
<b>Address 1:</b> 412 SOUTH VAN AVENUE			
<b>City, State, Zip:</b> HOUMA, LA 70363			
<b>Appointment Date:</b> 10/29/2001			
<b>Officer(s)</b>			
<b>Officer:</b> KENNETH W. SMITH			
<b>Title:</b> Manager			
<b>Address 1:</b> 412 SOUTH VAN AVENUE			
<b>City, State, Zip:</b> HOUMA, LA 70363			
<small>Additional Officers: No</small>			



## 20. Certifications/Licenses



State of Louisiana Secretary of State 		<b>COMMERCIAL DIVISION</b> 225.925.4704  Fax Numbers 225.932.5317 (Admin. Services) 225.932.5314 (Corporations) 225.932.5318 (UCC)	
<b>Name</b>	<b>Type</b>	<b>City</b>	<b>Status</b>
CRESCENT ENGINEERING & MAPPING, LLC	Limited Liability Company	VACHERIE	Active
<b>Previous Names</b>			
<b>Business:</b> CRESCENT ENGINEERING & MAPPING, LLC			
<b>Charter Number:</b> 44540825K			
<b>Registration Date:</b> 8/5/2021			
<b>Domicile Address</b>			
1815 HWY 18 VACHERIE, LA 70090			
<b>Mailing Address</b>			
PO BOX 370 VACHERIE, LA 70090			
<b>Status</b>			
<b>Status:</b> Active			
<b>Annual Report Status:</b> In Good Standing			
<b>File Date:</b> 8/5/2021			
<b>Last Report Filed:</b> 8/20/2024			
<b>Type:</b> Limited Liability Company			
<b>Registered Agent(s)</b>			
<b>Agent:</b> DENNIS HYMEL JR. <b>Address 1:</b> 1815 HWY 18 <b>City, State, Zip:</b> VACHERIE, LA 70090 <b>Appointment Date:</b> 8/5/2021			
<b>Officer(s)</b>			
<b>Officer:</b> DENNIS HYMEL JR. <b>Title:</b> Manager, Member <b>Address 1:</b> 1815 HWY 18 <b>City, State, Zip:</b> VACHERIE, LA 70090			
<b>Additional Officers:</b> No			

## 20. Certifications/Licenses



State of Louisiana Secretary of State  		<b>COMMERCIAL DIVISION</b> 225.925.4704  <u>Fax Numbers</u> 225.932.5317 (Admin. Services) 225.932.5314 (Corporations) 225.932.5318 (UCC)	
<b>Name</b>	<b>Type</b>	<b>City</b>	<b>Status</b>
VECTURA CONSULTING SERVICES, LLC	Limited Liability Company	BATON ROUGE	Active
<b>Previous Names</b>			
<b>Business:</b> VECTURA CONSULTING SERVICES, LLC			
<b>Charter Number:</b> 41994609K			
<b>Registration Date:</b> 8/24/2015			
<b>Domicile Address</b>			
4467 BLUEBONNET BLVD.			
SUITE A			
BATON ROUGE, LA 708099639			
<b>Mailing Address</b>			
PO BOX 14269			
BATON ROUGE, LA 70898			
<b>Status</b>			
<b>Status:</b> Active			
<b>Annual Report Status:</b> In Good Standing			
<b>File Date:</b> 8/24/2015			
<b>Last Report Filed:</b> 7/26/2024			
<b>Type:</b> Limited Liability Company			
<b>Registered Agent(s)</b>			
<b>Agent:</b> SHEELAGH BRIN FERLITO <b>Address 1:</b> 4467 BLUEBONNET BLVD <b>Address 2:</b> SUITE A <b>City, State, Zip:</b> BATON ROUGE, LA 708099639 <b>Appointment Date:</b> 8/15/2018			
<b>Officer(s)</b> <span style="float: right;">Additional Officers: No</span>			
<b>Officer:</b> SHEELAGH BRIN FERLITO <b>Title:</b> Manager <b>Address 1:</b> 4467 BLUEBONNET BLVD <b>Address 2:</b> SUITE A <b>City, State, Zip:</b> BATON ROUGE, LA 708099639			
<b>Officer:</b> LAURENCE LAMBERT <b>Title:</b> Member <b>Address 1:</b> 4467 BLUEBONNET BLVD <b>Address 2:</b> SUITE A <b>City, State, Zip:</b> BATON ROUGE, LA 708099639			

## 20. Certifications/Licenses



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

John Bel Edwards, Governor  
Eric Kallvee, Secretary

June 22, 2023

Vectura Consulting Services, LLC  
Attn: Sheelagh Brin Ferlito  
PO Box 14269  
Baton Rouge, LA 70898

Dear Sheelagh Brin Ferlito,

The Louisiana Department of Transportation and Development (LADOTD) Compliance Programs Section has 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:

NC488490 – Other Support Activities for Road Transportation  
C14-Transportation Planning  
C33-Traffic Counting and Data Collection  
C74-Construction Management  
NC541330-Engineering Services  
C09-Engineering Services  
C96-Traffic and Transportation Engineering  
NC541340-Drafting Services  
C43-Computer Assisted Drafting

*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 1099, 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 **June 30, 2024**. 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

Vectura Consulting Services, LLC  
June 22, 2023  
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 Kenyetta 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)

<b>LOUISIANA UNIFIED CERTIFICATION PROGRAM</b>		
<b>Disadvantaged Business Enterprise Program (DBE)</b>		
<b>Small Business Element (SBE)</b>		
<small>This is to certify that under Title 49, Part 26 of the Code of Federal Regulations &amp; under the State of Louisiana Unified Certification Program (LAUCP)</small>		
<b>Vectura Consulting Services, LLC</b>		
Is a Certified Disadvantaged Business Enterprise (DBE) & Small Business Element (SBE) in the following specialties:		
<b>NC488490, NC541330, NC541340</b>		
<small>NOTE: There may be other approved NAICS Codes. The online DBE Directory includes a complete list of approved codes.</small>		
<b>Certificate Eligibility: June 2023 to June 2024</b>		
<small>This certificate is valid through the above date awarded. This firm meets the ongoing programmatic standard and fulfills the annual update requirement to remain in good standing as a DBE. This certification is subject to annual verification and suspension or revocation based upon reasonable cause to believe that the firm is ineligible.</small>		
<i>Rhonda Wallace</i>		
<b>Rhonda Wallace, DBE/SBE Programs Manager</b>		
Louisiana Department of Transportation & Development		

## 20. Certifications/Licenses

### *Certificate of Completion*

presented to

*Brin Ferlito*

for completing the

#### **Traffic Engineering Analysis Process & Report Module 1**

Date: June 4, 2018

Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 4

*John J. Calvane*  
Authorized Instructor

*John H. Hitt*  
Authorized Instructor

*Robert J. Bunnell*  
Authorized instructor



### *Certificate of Completion*

presented to

*Brin Ferlito*

for completing the

#### **Traffic Engineering Analysis Process & Report Module 2**

Date: June 11, 2018

Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 4

*John J. Calvane*  
Authorized Instructor

*John H. Hitt*  
Authorized Instructor

*Robert J. Bunnell*  
Authorized instructor



### *Certificate of Completion*

presented to

*Brin Ferlito*

for completing the

#### **Traffic Engineering Analysis Process & Report Module 3**

Date: September 10, 2018

Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 3

*John J. Calvane*  
Authorized Instructor

*John H. Hitt*  
Authorized Instructor

*Robert J. Bunnell*  
Authorized instructor





## 20. Certifications/Licenses

### *Certificate of Completion*

presented to

*Laurence Lambert*

for completing the

#### **Traffic Engineering Analysis Process & Report Module 1**

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

Professional Development  
Hours (PDHs) Awarded: 2

*Poly G. Calvane*  
Authorized Instructor

*Don Holt*  
Authorized Instructor

*R. G. Parnell*  
Authorized instructor



### *Certificate of Completion*

presented to

*Laurence Lambert*

for completing the

#### **Traffic Engineering Analysis Process & Report Module 2**

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

Professional Development  
Hours (PDHs) Awarded: 3

*Poly G. Calvane*  
Authorized Instructor

*Don Holt*  
Authorized Instructor

*R. G. Parnell*  
Authorized instructor



### *Certificate of Completion*

presented to

*Laurence Lambert*

for completing the

#### **Traffic Engineering Analysis Process & Report Module 3**

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

Professional Development  
Hours (PDHs) Awarded: 3

*Poly G. Calvane*  
Authorized Instructor

*Don Holt*  
Authorized Instructor

*R. G. Parnell*  
Authorized instructor



## 20. Certifications/Licenses

### *Certificate of Completion*

presented to

*Reece Rodrigue*

for completing the

#### **Traffic Engineering Analysis Process & Report Module 1**

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

Professional Development  
Hours (PDHs) Awarded: 2

*Polly Colvane*  
Authorized Instructor

*Jim Holt*  
Authorized Instructor

*Robert Parnell*  
Authorized instructor



### *Certificate of Completion*

presented to

*Reece Rodrigue*

for completing the

#### **Traffic Engineering Analysis Process & Report Module 2**

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

Professional Development  
Hours (PDHs) Awarded: 3.5

*Polly Colvane*  
Authorized Instructor

*Jim Holt*  
Authorized Instructor

*Robert Parnell*  
Authorized instructor



### *Certificate of Completion*

presented to

*Reece Rodrigue*

for completing the

#### **Traffic Engineering Analysis Process & Report Module 3**

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

Professional Development  
Hours (PDHs) Awarded: 3

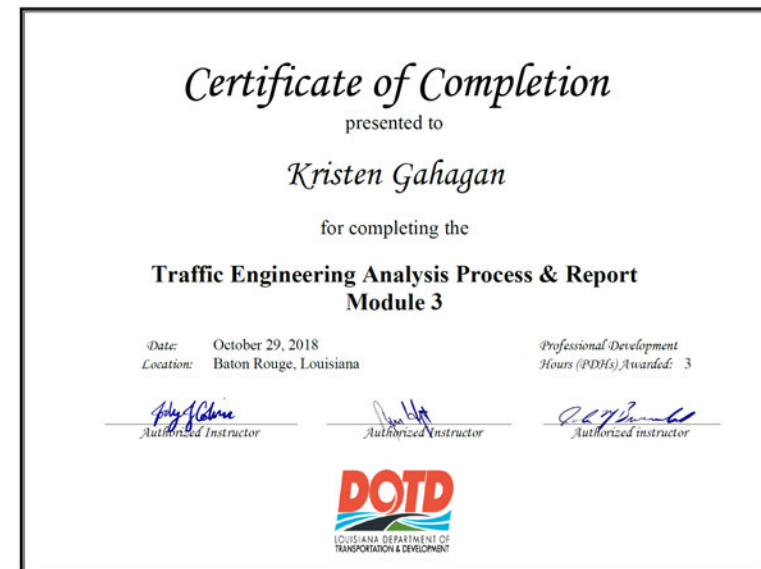
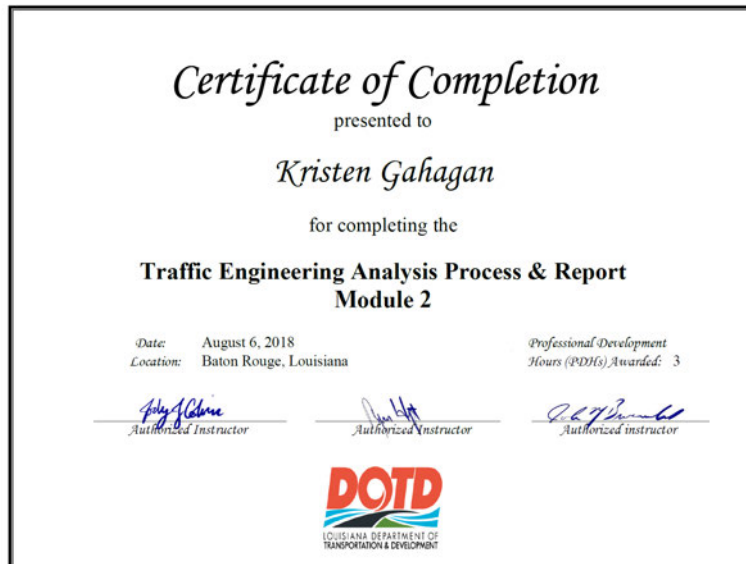
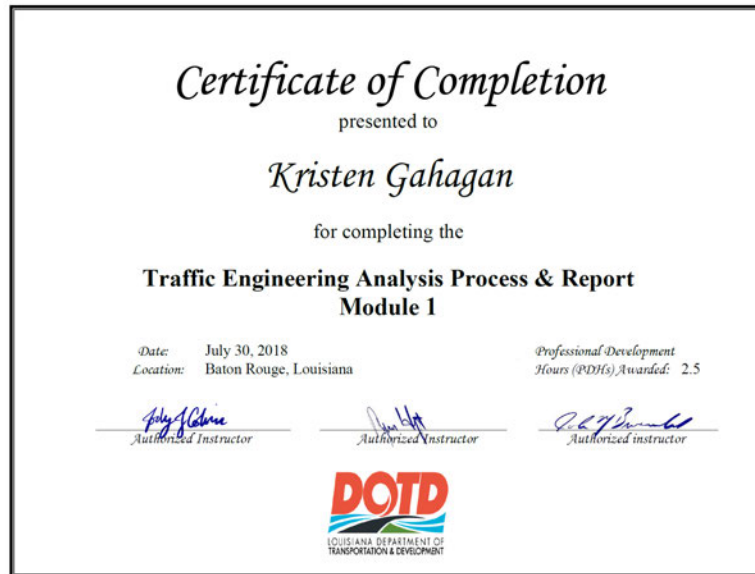
*Polly Colvane*  
Authorized Instructor

*Jim Holt*  
Authorized Instructor

*Robert Parnell*  
Authorized instructor



## 20. Certifications/Licenses








## 20. Certifications/Licenses



State of Louisiana Secretary of State 		<b>COMMERCIAL DIVISION</b> 225.925.4704 Fax Numbers 225.932.5317 (Admin. Services) 225.932.5314 (Corporations) 225.932.5318 (UCC)	
<b>Name</b>	<b>Type</b>	<b>City</b>	<b>Status</b>
APS ENGINEERING AND TESTING, LLC	Limited Liability Company	BATON ROUGE	Active
<b>Previous Names</b>			
<b>Business:</b> APS ENGINEERING AND TESTING, LLC			
<b>Charter Number:</b> 40911984K			
<b>Registration Date:</b> 8/9/2012			
<b>Domicile Address</b>			
1645 NICHOLSON DR BATON ROUGE, LA 70802			
<b>Mailing Address</b>			
5261 HIGHLAND RD. #320 BATON ROUGE, LA 70808			
<b>Status</b>			
<b>Status:</b> Active			
<b>Annual Report Status:</b> In Good Standing			
<b>File Date:</b> 8/9/2012			
<b>Last Report Filed:</b> 7/16/2024			
<b>Type:</b> Limited Liability Company			
<b>Registered Agent(s)</b>			
<b>Agent:</b> SERGIO AVILES <b>Address 1:</b> 5261 HIGHLAND RD. #320 <b>City, State, Zip:</b> BATON ROUGE, LA 70808 <b>Appointment Date:</b> 6/25/2018			
<b>Officer(s)</b>			
<b>Officer:</b> SERGIO AVILES <b>Title:</b> Member <b>Address 1:</b> 5261 HIGHLAND RD. #320 <b>City, State, Zip:</b> BATON ROUGE, LA 70808			
			<b>Additional Officers:</b> No





## 22. Sub-consultant information

<b>Firm Name (Name must match exactly as registered with Louisiana's Secretary of State (SOS): including punctuation, include screenshot(s) from SOS at the end of Section 20)</b>	<b>Address</b>	<b>Point of Contact and email address</b>	<b>Phone Number</b>
CRESCENT ENGINEERING & MAPPING, LLC	1815 Hwy 18 Vacherie, LA 70090	Dennis M. Hymel, Jr., PE Dennis.hymel@crescentengla.com	225.329.1742
VECTURA CONSULTING SERVICES, LLC	4467 Bluebonnet Blvd., Suite A Baton Rouge, LA 70809-9639	Sheelagh Brin Ferlito bferlito@vecturacs.com	225.223.6685
APS ENGINEERING AND TESTING, LLC	1645 Nicholson Drive Baton Rouge, LA 70802	Sergio Aviles sergio@aps-testing.com	225.456.5714



