



IDIQ CONTRACT FOR ROADWAY DESIGN SERVICES

Statewide with Majority of Work in Districts 03 & 07

Contract No. 4400030052

Empowering People. Enriching Communities.



107 Global Circle
Suite 100
Lafayette, LA 70503

337.735.2800
866.357.1050

tbsmith.com

October 9, 2024

Contract No. 4400030052; IDIQ Contract for Roadway Design Services Statewide with Majority of Work in Districts 03 & 07

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

FROM: Andrée F. Cortez, PE, PMP
Chief Operations Officer
andree.cortez@tbsmith.com

Dear Selection Committee:

The Louisiana Department of Transportation and Development's (LADOTD) commitment to serving Louisiana's transportation infrastructure needs drives T. Baker Smith's (TBS) motivation to innovate solutions to assist LADOTD in ensuring our roadways and bridges are designed safely and maintained efficiently. Our dedicated transportation group is eager to continue to serve LADOTD through the IDIQ Contract for Roadway Design Services Statewide with Majority of Work in Districts 03 & 07 currently advertised.

We have assembled a team of equally eager and ambitious transportation-focused firms with experience working with LADOTD and with our transportation staff. Arcadis U.S., Inc. and APS Engineering and Testing, LLC bring forth industry recognized expertise in transportation related design services. LADOTD needs a team with top-notch technical proficiency coupled with the local area knowledge necessary to deliver highly effective and efficient solutions for this contract.

Effective project management and professional expertise at TBS results in timely delivery and cost savings for our clients. We recognize that an IDIQ contract is a valuable contracting tool for LADOTD and its Districts, allowing quick engagement on time-sensitive projects. Choose TBS to turn your project ideas into reality.

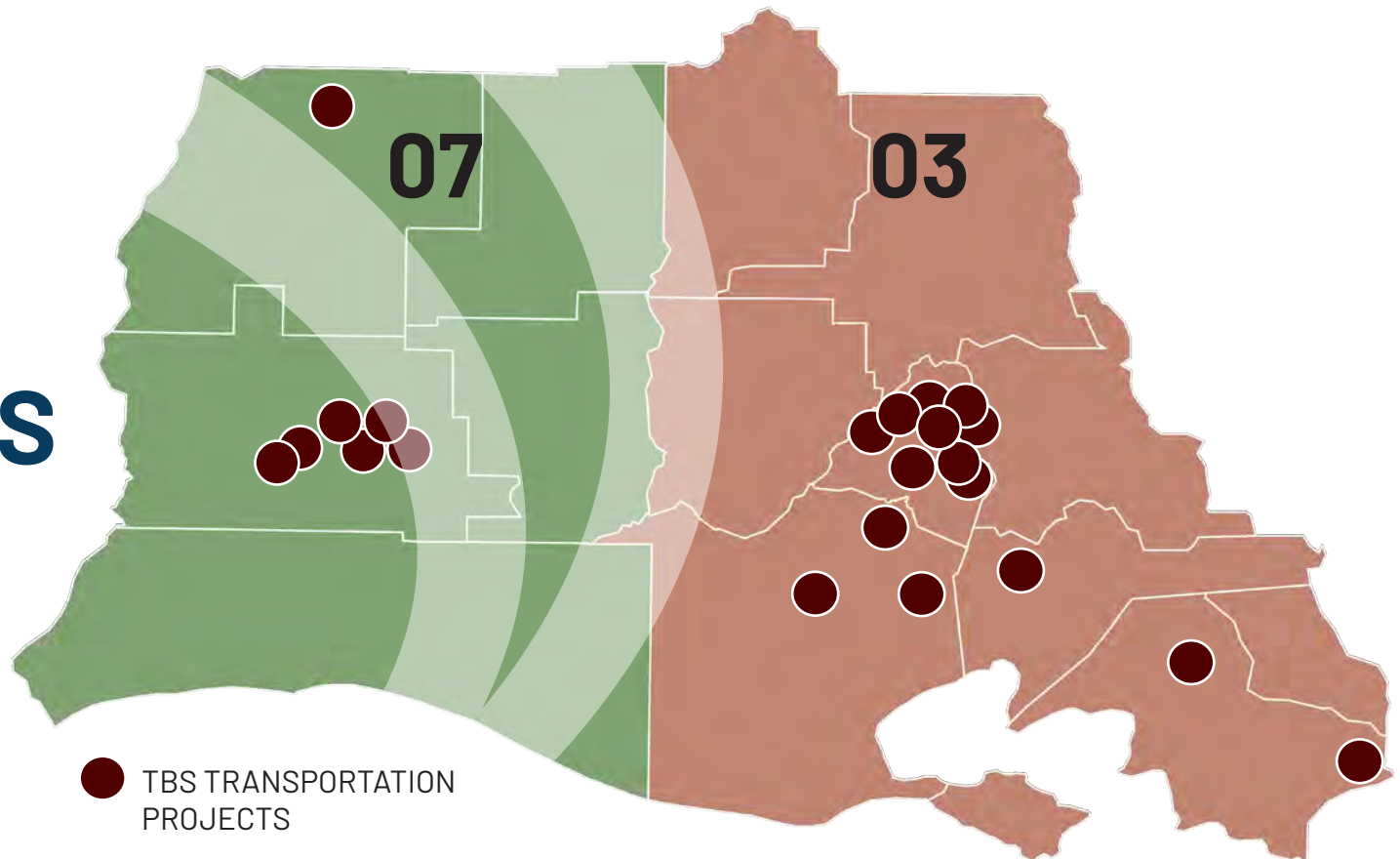
Respectfully,

A handwritten signature in blue ink, reading 'Andrée F. Cortez'.

Andrée F. Cortez, PE, PMP
Chief Operations Officer
T. Baker Smith, LLC



SECTIONS 1 – 13



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	IDIQ Contract for Roadway Design Services Statewide with Majority of Work in Districts 03 & 07
2. Contract number(s) as shown in the advertisement	4400030052
3. State Project Number(s), if shown in the advertisement	
4. Prime consultant name (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)	T. BAKER SMITH, LLC
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	Kenny Belou, PE Lead Professional, Transportation 504.608.2612 kenny.belou@tbsmith.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Andrée F. Cortez, PE, PMP Chief Operations Officer 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.

Andree D. Portez

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

October 9, 2024

Date:




Firm:
APS Engineering & Testing, LLC

Firm's %:
5%

12. Past Performance Evaluation Discipline Table

Past Performance Evaluation Discipline(s)	% of Overall Contract	T. Baker Smith, LLC (Prime)	Arcadis U.S., Inc. (Subconsultant)	APS Engineering and Testing, LLC (Subconsultant)	Each Discipline must total 100%
Road	60%	70%	30%	0%	100%
Bridge	10%	70%	30%	0%	100%
Survey	20%	100%	0%	0%	100%
Traffic	5%	0%	100%	0%	100%
Geotech	5%	0%	0%	100%	100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.					
Percent of Contract	100%	69%	26%	5%	

13. Firm Size

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
	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
	Principal	1	3
	Engineer	4	9
	Supervisor - Eng	3	7
	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

I-12: US 190 to LA 59

S.P. No. H.011152

Designed by T. Baker Smith, LLC

SECTIONS 14 – 16

14. Organizational Chart

KEY:

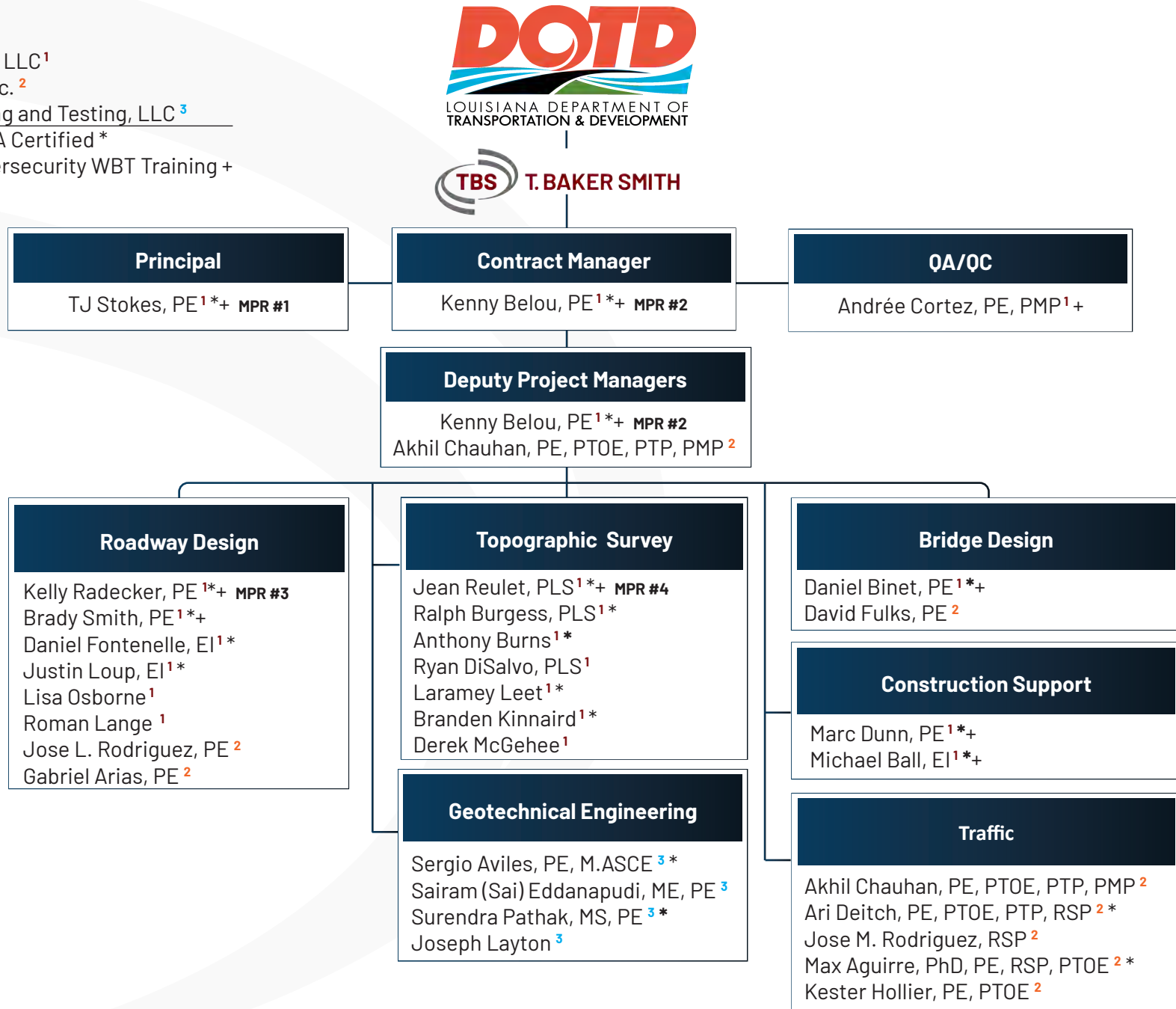
T. Baker Smith, LLC¹

Arcadis U.S., Inc.²


APS Engineering and Testing, LLC³

TCS/TCT ATSSA Certified *

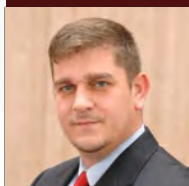
CPTP SCS Cybersecurity WBT Training +



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

16. Staff Experience



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

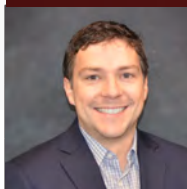
Name	TJ Stokes, PE	Years of relevant experience with this employer	4
Title	Practice Leader, Transportation	Years of relevant experience with other employer(s)	12

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			Principal TJ will oversee all aspects of task orders for LADOTD as Principal and satisfies MPR #1 .
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	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/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.		
05/23 - Ongoing	District 08: IIJA Off-System Bridge Replacement Program; LADOTD; Central LA – 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.		
12/23 - Ongoing	S.P. No. H.015555, LA 1077 & Brewster Rd Roundabout; LADOTD / St. Tammany Parish; Madisonville, LA – 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	23-EN-HC-0029, Highland Road at Pecue Lane; City of Baton Rouge and Parish of East Baton Rouge; East Baton Rouge Parish, LA – 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	S.P. No. H.015576, LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA – 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	S.P. No. H.003931.5, Calcasieu River Bridge (HBI); LADOTD; Calcasieu Parish, LA – 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. (Location: LADOTD District 07)
11/21 – 02/22	S.P. No. H.014670.5, LA 1270: LA 77 to End of Control Section; LADOTD; Iberville Parish, LA – 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	Move Ascension, LA 44 & Parker Roundabout, Subsurface Utility Engineering; Ascension Parish Government; Ascension Parish, LA – 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	Move Ascension Parker Road and LA 929 Widening; Ascension Parish Government; Ascension Parish, LA – 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.

01/23 - 04/24	S.P. No. H.010557, Lajaunie Road/Lateral 1 Bayou St. Clair Bridge Replacement; LADOTD; Lafayette Parish, LA – Engineer of Record (Road) / Supervisor Engineer (Bridge). Kenny served as the engineer of record for the roadway portion of the LADOTD Off-System Bridge project to construct a Quad Beam & Slab Span Concrete Bridge and was the supervisor engineer for the bridge design, providing quality assurance and quality control reviews. He coordinated with LADOTD's Project Manager to ensure project met requirements of Lafayette Consolidated Government. (Location: LADOTD District 03)
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.
09/23 - Ongoing	S.P. No. H.012864, Carmel Drive Sidewalks; Lafayette Consolidated Government; Lafayette Parish, LA – Supervisor Engineer. Kenny is the supervisor engineer for this sidewalk and drainage project located in LADOTD District 03 in Lafayette Parish. Kenny has overseen the preparation of the Preliminary Plans and provided QA/QC. Kenny is responsible for project

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

09/23 - Ongoing	staffing, coordination with LADOTD and Lafayette Parish Consolidated Government, and project execution. (Location: LADOTD District 03)
11/23 - Ongoing	S.P. No. H.015576, LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA – 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.
10/23 - Ongoing	LCG Project No. 1631, Veterinarian Road Bridge Replacement; Lafayette Parish Consolidated Government; Lafayette Parish, LA – Supervisor Engineer. Kenny is the supervisor engineer for this bridge replacement project located in LADOTD District 03 in Lafayette Parish. Kenny has overseen the preparation of the Preliminary Plans and provided QA/QC for the roadway and box culvert design. Kenny is responsible for project staffing, coordination with LCG, and project execution. (Location: LADOTD District 03)
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.
10/22 - 12/22	S.P. No. H.012812, US 190 at Northshore and Camp Villere; LADOTD; St. Tammany Parish, LA – 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.
10/22 - 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 – 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.
10/22 - 03/23	S.P. No. H.011152, I-12: US 190 to LA 59; LADOTD; St. Tammany Parish, LA – 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 met current LADOTD standards. The accelerated schedule for this project required constant communication and collaboration to complete construction support tasks.

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 coordinate 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.

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. 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	S.P. No. H.015576, LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA – 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)2024.
07/24 - Ongoing	23-EN-HC-0029, Highland Road at Pecue Lane; City of Baton Rouge; East Baton Rouge Parish, LA – 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	S.P. No. H.011152, I-12: US 190 to LA 59; LADOTD; St. Tammany Parish, LA – 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	S.P. No. H.013116, LA 20 Widen: LA 307 – S. Vacherie; LADOTD; St. James & Lafourche Parishes, LA – 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	S.P. No. H.012812, US 190 at Northshore and Camp Villere; LADOTD; St. Tammany Parish, LA – 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.

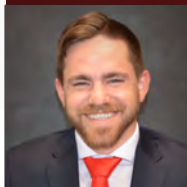
01/23 - 09/23

S.P. No. H.010557, Lajaunie Road/Lateral 1 Bayou St. Clair Bridge Replacement; LADOTD; Lafayette Parish, LA – Project Engineer. Kelly provided roadway design and prepared preliminary plans and final plans for the roadway geometrics including H&V alignments, cross sectional elements, drainage design and analysis, and quantity calculations. **(Location: LADOTD District 03)**

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

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 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.
12/19 – Ongoing	S.P. No. H.014407, LA 621 at Roddy Rd; Ascension Parish Government; Ascension 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 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 *	S.P. No. H.002424, LA 70: Sunshine Bridge – LA 22; LADOTD; St. James Parish, LA – 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	S.P. No. H.004113, I-12 to Bush; LA 3241: LA 435 to LA 40/41; LADOTD; St. Tammany Parish, LA – 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.
02/20 – 12/22	S.P. No. H.012812, US 190 at Northshore and Camp Villere; LADOTD; St. Tammany Parish, LA – 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	Brady Smith, PE	Years of relevant experience with this employer	3
Title	Project Manager, Transportation	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			Engineer - Roadway Design / 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).			
10/23 - Ongoing	S.P. No. H.012864, Carmel Drive Sidewalks; Lafayette Consolidated Government; Lafayette Parish, LA – 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. (Location: LADOTD District 03)		
10/22 - Ongoing	IIJA Off-System Bridge Replacement Program; Contract No. 44-25027; LADOTD; Statewide – Project Manager. 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.		
03/23 – 07/23	S.P. No. H.013116, LA 20 Widen: LA 307 – S. Vacherie; LADOTD; St. James & Lafourche Parishes, LA – 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.		


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

02/22 - Ongoing	Contract 44-19336, Rural Bridge Replacement Initiative, Ph II (40 bridge structures); LADOTD; Districts 04 & 05 – 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 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.
07/24 - Ongoing	23-EN-HC-0029, Highland Road at Pecue Lane; City of Baton Rouge, East Baton Rouge Parish, LA – 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 *	S.P. No. H.010124, LA-16: Roundabout @ LA-447; LADOTD; Livingston Parish, LA – 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 *	LA-1042 Bridges Near Greensburg; LADOTD; St. Helena Parish, LA – 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	Lake Pontchartrain Causeway Safety Bay Improvements CE&I; Greater New Orleans Expressway Commission; Jefferson & St. Tammany Parishes, LA – 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.
* previous employer	

16. Staff Experience



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

	Name	Daniel Binet, PE		Years of relevant experience with this employer	11
	Title	Lead Transportation Engineer, Bridges		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			Bachelor of Science / 2014 / Civil Engineering		
Active registration number / state / expiration date			PE.42997 / Louisiana / 03.31.2025		
Year registered		2018	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Engineer - Bridge Design / Daniel will provide Bridge Design engineering 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 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.					
07/13 – 09/23		S.P. No. H.010557, Lajaunie Road/Lateral 1 Bayou St. Clair Bridge Replacement; LADOTD; Lafayette Parish, LA – Project Engineer / Engineer of Record (Bridge). Daniel provided hydraulic design, structural analysis, and prepared preliminary plans and final plans for the replacement of the existing structure with a 3-span curved bridge utilizing reinforced concrete slab spans and a quad beam girder span. The spot replacement also included upgrades to RL-3 criteria. (Location: LADOTD District 03)			
10/22 – Ongoing		S.P. No. H.015339, IJJA Off-System Bridge Replacement Program; LADOTD; District 08 – 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.			
10/23 – Ongoing		LCG Project No. 1631, Veterinarian Road Bridge Replacement; Lafayette Parish Consolidated Government; Lafayette Parish, LA – Engineer of Record/Project Manager. Daniel is responsible for the design and development of roadway and structural plans for this bridge replacement project in Lafayette Parish, LA. Daniel provided horizontal and vertical alignment design for the proposed roadway replacement, roadway realignment on intersecting roadways, subsurface drainage system implementation, and will be responsible for the structural analysis and design of an extended cast-in-place concrete box			

16. Staff Experience: Daniel Binet, PE | T. Baker Smith, LLC – continued

	culvert with headwalls in Final Plans. He served as the Project Manager for all deliverables and ensured finalized submittals in an expedited timeframe as requested by the Parish. (Location: LADOTD District 03)
10/23 - Ongoing	Rim Rd. Bridge Replacement; Lafayette Consolidated Government; Lafayette Parish, LA — Engineer of Record/Project Manager. Daniel is responsible for the design and development of roadway and structural plans for this bridge replacement project in Lafayette Parish, LA. Daniel provided design efforts for horizontal alignment, vertical alignment, and Type, Size, and Location design for the anticipated replacement structure. Daniel is serving as the lead structural designer and is providing project management for all submittal stages. (Location: LADOTD District 03)
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/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.
09/15 – 03/23	S.P. No. H.011152, I-12: US 190 to LA 59; LADOTD; St. Tammany Parish, LA – 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 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	S.P. No. H.001344, US 190: LA 437 to US 190 Bus (Ph 1); LADOTD; St. Tammany Parish, LA — 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	S.P. No. H.013116, LA 20 Widen: LA 307 – S. Vacherie; LADOTD; St. James & Lafourche Parishes, LA – 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.

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 / 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.

01/23 - 09/23	S.P. No. H.010557, Lajaunie Road/Lateral 1 Bayou St. Clair Bridge Replacement; LADOTD; Lafayette Parish, LA – Project Engineer. Daniel provided design and plan production for this LADOTD Off-System Bridge Project located in Lafayette Parish, LA. Daniel was responsible for calculating roadway and bridge quantities and developed graphical grades from project beginning to project end. Daniel also provided detailing for the Quad Beam layouts and details. (Location: LADOTD District 03)
10/23 - Ongoing	LCG Project No. 1631, Veterinarian Road Bridge Replacement; Lafayette Parish Consolidated Government; Lafayette Parish, LA – Project Engineer. Daniel is responsible for assisting in the layout of the replacement box culvert and surrounding roadway, horizontal and vertical alignments, drainage design, sequencing of construction, quantities, cost estimate, for the bridge replacement project in Lafayette, LA. He is assisting in the structural analysis and design of the replacement cast-in-place concrete box culvert with headwalls and all structural drawings and details associated with the design in Final Plans. (Location: LADOTD District 03)
10/23 - Ongoing	Rim Rd. Bridge Replacement; Lafayette Consolidated Government; Lafayette Parish, LA – Project Engineer. Daniel is responsible for assisting in the layout of the replacement structure and surrounding roadway, horizontal and vertical alignments, drainage design, sequencing of construction, quantities, and cost estimate, for the bridge replacement project in Lafayette, LA. He is also assisting with any structural analysis, details, and structural drawings associated with the replacement structure in Final Plans. (Location: LADOTD District 03)
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

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

	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.
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.
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.
07/21 – Ongoing	S.P. No. H.014407, LA 621 at Roddy Rd; Ascension Parish Government; Ascension Parish, LA – 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	S.P. No. H.013116, LA 20 Widen: LA 307 – S. Vacherie; LADOTD; St. James & Lafourche Parishes, LA – Project Engineer. Daniel assisted in plan and detail development, quantifying bridge & roadway elements, & reviewing structural drawings.
07/21 – 03/23	S.P. No. H.011152, I-12: US 190 to LA 59; LADOTD; St. Tammany Parish, LA – Engineering Support. Provided construction support, including RFI, shop drawing, and submittal review, and assisted with striping design and layout plans.
07/21 – 12/22	S.P. No. H.012812, US 190 at Northshore and Camp Villere; LADOTD; St. Tammany Parish, LA – 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	MA-17-01, Roddy Road Widening (LA 935 to LA 621); Ascension Parish Government; Ascension Parish, LA – 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	Tammany Trace Bridge Inspections; St. Tammany Parish, LA – 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	Justin Loup, EI	Years of relevant experience with this employer	4
Title	Engineer Intern, Transportation	Years of relevant experience with other employer(s)	0

Degree(s) / Years / Specialization	Bachelor of Science / 2021 / Civil Engineering
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Active registration number / state / expiration date	EI.35451 / Louisiana / 09.30.2025
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Year registered	2023	Discipline	Civil Engineering Intern
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Contract role(s) / brief description of responsibilities	Engineer Intern - Roadway Design / Justin will serve as a Road Engineer Intern 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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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.

06/24 - Ongoing	S.P. No. H.012864, Carmel Drive Sidewalks; Lafayette Consolidated Government; Lafayette Parish, LA – Engineer Intern. Justin assisted with engineering design, developed horizontal and vertical alignments, and drafting and detailing of sidewalk plans. (Location: LADOTD District 03)
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02/24 - Ongoing	S.P. No. H.015555, LA 1077 & Brewster Rd Roundabout; LADOTD / St. Tammany Parish; Madisonville, LA – 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.
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05/23 - Ongoing	IIJA Off-System Bridge Replacement District 08 (Multiple S.P. Nos.); LADOTD; LADOTD District 08 – 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.
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06/20 - 11/23 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 – 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.
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16. Staff Experience: Justin Loup, EI | T. Baker Smith, LLC - continued

05/19 - 07/19 05/20 - 04/23	S.P. No. H.013116, LA 20 Widen: LA 307 - S. Vacherie; LADOTD; St. James & Lafourche Parishes, LA – 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.
01/24 - Ongoing	S.P. No. H.015576, LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA – Project Engineer. Justin assists with engineering design, development of horizontal and vertical alignments, hydraulic design, and drafted and detailed road and drainage plans. He performs roadway calculations, interprets LADOTD standard plans, and quantifies roadway elements and cost estimates.

16. Staff Experience



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

Name **Lisa Osborne**

Years of relevant experience with this employer

10

Title **Senior Project Designer**

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.

12/23 - Ongoing

S.P. No. H.012864, Carmel Drive Sidewalks; Lafayette Consolidated Government; Lafayette Parish, LA – Senior Project Designer. Developed preliminary plans and prepared drainage profile with review of existing documents and correct horizontal geometry. Developed cross sections and completed mark-ups.

10/23 - Ongoing

LCG Project No. 1631, Veterinarian Road Bridge Replacement; Lafayette Parish Consolidated Government; Lafayette Parish, LA – Senior Project Designer. Lisa oversaw development of the roadway model for this bridge replacement project in Lafayette Parish, LA including the roadway templates. She was also responsible for development of typical sections, plan and profile sheets, and cross sections. She assisted in determination of several quantities including earthwork, asphalt, and base course. **(Location: LADOTD District 03)**

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.

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.

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

	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.
07/17 – 04/23	S.P. No. H.013116, LA 20 Widen: LA 307 – S. Vacherie; LADOTD; St. James & Lafourche Parishes, LA – 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	S.P. No. H.011152, I-12: US 190 to LA 59; LADOTD; St. Tammany Parish, LA – 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	S.P. No. H.012812, US 190 at Northshore and Camp Villere; LADOTD; St. Tammany Parish, LA – 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	S.P. No. H.001344, US 190: LA 437 to US 190 Bus (Ph 1); LADOTD; St. Tammany Parish, LA – 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.
12/23 – 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.

16. Staff Experience



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

Name	Roman Lange	Years of relevant experience with this employer	<1
Title	Project Technician	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			Project Technician / 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.			
06/24 - Ongoing	S.P. No. H.012864, Carmel Drive Sidewalks; Lafayette Consolidated Government; Lafayette Parish, LA – Project Technician. Assist with plan productions and markups as required, by providing support with revisions and annotations.		
04/24 - Ongoing	IIJA Off-System Bridge Replacement Program; Contract No. 44-25027; LADOTD; Statewide – Project Technician. Develop all necessary drawings for permit applications. Assist in plan production for road and bridge plan, including creating TBM sheets for deliverables.		
04/24 - Ongoing	MA-17-01, Roddy Road Widening (LA 935 to LA 621); Ascension Parish Government; Ascension Parish, LA – 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	Contract 44-19336, Rural Bridge Replacement Initiative, Ph 2 (40 bridge structures); LADOTD; Districts 04 & 05 – Project Technician. Assist in markups as required, by providing support with revisions and annotations.		
05/24 - Ongoing	S.P. No. H.015576, LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA – 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	S.P. No. H.015555, LA 1077 & Brewster Rd Roundabout; LADOTD / St. Tammany Parish; Madisonville, LA – 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 2015. 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.

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.

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

08/22 - 08/24	MA-20-01: Move Ascension, Bluff Road, LA 73 Connector; Ascension Parish Government; Ascension Parish, LA – 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)	S.P. No. H.015576, LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA – 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	S.P. No. H.013116, LA 20 Widening: LA 307 to S. Vacherie, LADOTD, St. James & Lafourche Parishes, LA – 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	S.P. No. H.015405, Keller Street Bridge Replacement; St. Tammany Parish Government; St. Tammany Parish, LA – 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*	I-10: LA 415 to Essen Lane; East and West Baton Rouge Parishes – 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 *	S.P. No. H.001344.5, US 190: LA 437-US 190 BUS (Ph 1); LADOTD; St. Tammany Parish, LA – Sr. Project Manager. Performed data processing, title research and project QAQC for Property Surveys and Right of way Maps.
10/17 - 01/19 *	S.P. No. H.009481.5, LA 20 Bayou Chevreuil Bridge; LADOTD; St. James and Lafourche Parishes, LA – Sr. Project Manager. Performed data processing, title research and project QAQC for Property Surveys and Right of way Maps.
03/17 - 04/18 *	S.P. No. H.004987, US 190 Collins Blvd. Widening; LADOTD; St. Tammany Parish, LA – 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 *	S.P. No. H.011137 & S.P. No. H.011152, I-12 (LA 21 to US 190) & I-12 (US 190 to LA 59); LADOTD; St. Tammany Parish, LA – 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.

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 *	S.P. No. H.010960.5, 2 Roundabouts at LA 182; LADOTD; Lafayette, LA – 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. (Location: LADOTD District 03)
07/20 - 04/21*	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 – 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*	S.P. No. H.004100, I-10: LA 415 to Essen Lane on I-10 and I-12; West and East Baton Rouge, LA – 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*	S.P. No. H.010960.5-2, LA 30 Roundabout at Tanger I-10; Ascension Parish, LA – 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.

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.

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.

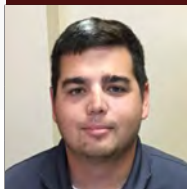
01/18 - 04/20 *

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	S.P. No. H.015405, Keller Street Bridge Replacement; St. Tammany Parish Government; St. Tammany Parish, LA – Project Manager. Performed field crew coordination and data processing for Topographic Survey for this bridge replacement project.
04/14 – 10/19 *	S.P. No. H.002151.5, LA 339 & LA 339S Bayou Parc; LADOTD; Lafayette Parish, LA – Project Manager. Performed data processing, title research and project QAQC for Property Surveys and Right of way Maps. (Location: LADOTD District 03)
03/17 – 04/18 *	S.P. No. H.004987, US 190 Collins Blvd. Widening; LADOTD; St. Tammany Parish, LA – 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	S.P. No. H.014414, LA 22: Bedico Creek–Pine Creek; LADOTD; St. Tammany Parish, LA – Project Manager. Responsible for review of topographic surveys, performed data processing, and managed the crews on this project.
02/15 – 04/16 *	S.P. Nos. H.011137 and H.011152, I-12 (LA 21 to US 190) & I-12 (US 190 to LA 59); LADOTD; St. Tammany Parish, LA – Project Manager/Field Crew Manager. Responsible for topographic survey on this project.
05/15 – 11/15 *	S.P. No. H.011224, US 190 Guardrail/Rutting Rep. (Ph I); LADOTD; Pointe Coupee Parish, LA – 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 *	S.P. No. H.000688, US 11 Norfolk Southern RR Overpass (HBI); LADOTD; St. Tammany Parish, LA – 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.

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); LADOTD; Districts 04 & 05 – 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	Laramey Leet		Years of relevant experience with this employer	8
	Title	Survey Party Chief		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 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		IIJA Off-System Bridge Replacement Program; Contract No. 44-25027; LADOTD; Statewide – 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.			
07/20 – 01/23 Ph 1 05/21 – 05/23 Ph 2		Contract 44-17598, 44-19336, Rural Bridge Replacement Initiative Ph 1 and 2; LADOTD; Districts 04, 05, 08, 58 – 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.			
01/20 - 04/23		Move Ascension, Roddy Road @ LA 621 Roundabout; Ascension Parish Government; Ascension Parish, LA – 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		MA-20-01: Move Ascension, Bluff Road, LA 73 Connector; Ascension Parish Government; Ascension Parish, LA – 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	S.P. No. H.013116, LA 20 Widening; LADOTD; St. James Parish, LA – 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	ENG-17-013, LA 3127 Extension (LA 70 to LA 1); Ascension Parish Government; Ascension Parish, LA – 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	MA-17-01, Roddy Road Widening (LA 935 to LA 621); Ascension Parish Government; Ascension Parish, LA – 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	S.P. No. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41); LADOTD; St. Tammany Parish, LA – 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	S.P. Nos. H.011137 & H.011152, I-12 Widening (US 190 to LA 59); LADOTD; St. Tammany Parish, LA – 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	S.P. No. H.012699, LA 10/Beaver Branch Bridge; LADOTD; St. Helena Parish, LA – 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	S.P. No. H.014414, LA 22: Bedico Creek – Pine Creek; St. Tammany & Tangipahoa Parishes, LA – 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 **Survey 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.

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: Barnett 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 *	S.P. No. H.000358.5, US 190: LA 415 & RR Overpass Repl (HBI); LADOTD; West Baton Rouge Parish, LA – Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.
03/21 – 06/21 *	MoveBR Lee Drive (Highland Road – Perkins Road); East Baton Rouge Parish, LA – Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.
11/19 – 12/20 *	S.P. No. H.001344.5, US 190: LA 437-US 190 BUS (Ph 1); LADOTD; St. Tammany Parish, LA – Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.
04/19 – 12/19 *	S.P. No. H.007811.5, Comite River Diversion; LADOTD; East Baton Rouge Parish, LA – Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.
11/23 – 01/24	S.P. No. H.015576, LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA – 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	S.P. No. H.014414, LA 22: Bedico Creek – Pine Creek; St. Tammany & Tangipahoa Parishes, LA – 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 *	S.P. No. H.000358.5, US 190: LA 415 & RR Overpass Repl (HBI); LADOTD; West Baton Rouge Parish, LA – Survey Crew Chief. Performed field data collection for Property Survey and Right of Way Maps.
06/23 – 08/23	LA 3211 Yokley Road: Roundabout; LADOTD; St. Mary Parish, LA – 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. (Location: LADOTD District 03)
01/24 – 02/24	S.P. No. H.015555, LA 1077 & Brewster Rd Roundabout; LADOTD / St. Tammany Parish, LA – 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 **Survey 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.

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

LA 3211 Yokley Road: Roundabout; LADOTD; St. Mary Parish, 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 3211 and Yokley Road in Franklin, Louisiana. **(Location: LADOTD District 03)**

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).
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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 *	S.P. No. H.010960, LA 30 Roundabouts at Tanger Mall and I-10; LADOTD; Ascension Parish, LA – Project Engineer. Marc was the project Engineer of the construction of the 3 roundabout at the intersection of LA 30 and Interstate 10 in Gonzales, LA near Tanger Mall.
05/15 – 06/24 *	S.P. No. H.009479, West Larose Vertical Lift Bridge Rehabilitation; LADOTD; Lafourche Parish, LA – 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 *	RR166 / St. Bernard Group A: New Orleans, LA – 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 *	East Baton Rouge City Parish Street and Road Rehabilitation Program; East Baton Rouge Parish, LA – 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 *	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 – 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 **Michael Ball, EI**

Years of relevant experience with this employer

1

Title **Engineer Intern**

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

Construction Support / 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. Michael has completed the CPTP SCS Cybersecurity WBT training.

01/24 - Ongoing

S.P. No. H.011137.6, I-12 Widening: LA 1077 to LA 21; LADOTD; Covington, LA – 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 *

Project No. W912P8-19-C-0075, Bayou Sauvage Dike Degrading; U.S. Army Corps of Engineers, New Orleans District, Orleans Parish, LA – 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 *

Farm To Market Sales – 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 *	Cycle Construction Company/Cycle Marine Group – 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 *	IDS Engineering – 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		ARCADIS		
Name	Akhil Chauhan, PE, PTOE, PTP, PMP		Years of relevant experience with this employer	16
Title	Principal Engineer		Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		MS / 2003 / Transportation Engineering, Massachusetts Institute of Technology BS / 2001 / Civil Engineering, Indian Institute of Technology		
Active registration number / state / expiration date		PE.033703 / LA / Exp. 09/2026; PTOE #2544 / USA / Exp. 11/2026; PTP #246 / USA / Exp. 12/2024; PMP #1444676 / PA / Exp. 08/2025		
Year registered	2008	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities.		Deputy Project Manager and Traffic and Safety Technical Advisor		
Experience dates	Experience and qualifications relevant to the proposed contract			
	Mr. Chauhan is a principal traffic engineer with more than 20 years of applied research and industry experience in the fields of highway safety, traffic engineering, traffic modeling and simulation, transportation planning, demand modeling/forecasting, intersection/corridor analysis, safety studies, NEPA studies, and access management. Akhil has successfully led, managed, and mentored numerous projects and personnel related to transportation modeling, simulation, and planning for public agency clients located across the nation including several state Departments of Transportation. He is proficient in the use of many macro-, meso-, and microscopic traffic simulation software programs such as HCS, Vistro, Synchro, SIDRA, Vissim, MITSIM, Dynameq, DynaMIT, TransCAD, Visum, and OREMS. Mr. Chauhan has completed the LADOTD Traffic Engineering Process and Report Training.			
04/16 – 09/18	New Orleans Pedestrian Stage 0 Safety Feasibility Study, LADOTD, Orleans Parish, LA. Principal Engineer & Technical Advisor. Preparation of pedestrian safety study for 20 intersections with high occurrence of pedestrian safety issues - especially between motorized and non-motorized travel modes. Scope of services include data collection (for both vehicles and pedestrians), analysis of existing traffic conditions, historical crash data evaluation, investigation of safety deficiencies at each intersection, recommendation of safety improvements such as traffic signal improvements, intersection striping improvements, signing improvements, lighting improvements, sidewalk/crosswalk improvements, curb extensions, traffic calming, ADA compliance including curb ramps, and parking modifications, analysis of alternatives and conceptual layout development, cost estimates, and Stage 0 checklists.			
02/18 – 06/21	Baton Rouge Pedestrian and Bicycle Safety Action Plan and Road Safety Assessments, LADOTD, East Baton Rouge Parish, LA. Principal Engineer. Responsible for contract management and technical advisory for the project, which involved the development of a Pedestrian and Bicycle Safety Action Plan (PBSAP). Arcadis developed screening criteria based on crash data and socioeconomic data to identify high priority locations with a history of pedestrian and/or bicycle crashes, and performed Road Safety Assessments (RSAs) at 10 priority locations to identify safety deficiencies and develop safety countermeasures to improve safety for pedestrians and bicyclists.			
12/13 – 06/15	LA 3235 Stage 0 Safety Feasibility Study, LADOTD, Lafourche Parish, LA. <i>Project Manager and Principal Engineer</i> . Responsible for the preparation of a formal corridor safety study that analyzed alternatives and enhanced safety and mobility on LA 3235. Main tasks included traffic data collection, warrant studies, traffic analysis, safety analysis, development of conceptual layouts, and public outreach. Intersections found to warrant signalization were also modeled in unconventional designs including RCUT, MUT, and Continuous T-intersections. Safety performance of alternatives was estimated using Highways Safety Manual predictive methods.			

16. Staff Experience: Akhil Chauhan, PE, PTOE, PTP, PMP | Arcadis U.S., Inc. - continued

	Preliminary cost estimates and conceptual layout drawings were also produced. Stage 0 checklists were complete as part of study documentation.
12/13 – 05/15	Joe Sevario / Roddy Road Stage 0 Safety Feasibility Study, LADOTD, Ascension Parish, LA. Project Manager and Principal Engineer. Evaluation of roundabouts at 10 stop-controlled intersections along Joe Sevario / Roddy Road, from US 61 to LA 42, a length of approximately 7.2 miles. Main tasks include traffic data collection, crash analysis, capacity analysis, safety analysis, review of existing pipelines and other municipal utilities, alternatives analysis, design development, and cost estimates.
04/16 – 10/19	I-12 Hard Shoulder Running Feasibility Study and Preliminary Design, LADOTD, East Baton Rouge and Livingston Parishes, LA. Principal Engineer. Responsible for contract management and technical advisory of project tasks. Arcadis researched best practices around the country to develop potential alternatives. Highway Safety Manual methods were applied to quantify the safety performance of proposed alternatives. Traffic analysis was performed using a calibrated microsimulation model to evaluate the operational performance of HSR and HOV lane alternatives. Conceptual drawings and construction cost estimates were developed to evaluate the feasibility of proposed alternatives.
02/15 – 08/17	US 71 Corridor - Phase II Stage 0 Feasibility Study, LADOTD; Rapides Parish, LA. Principal Engineer. Responsible for overseeing the preparation of a traffic and safety study for the purpose of enhancing mobility and safety on US 71 in Alexandria, LA. Main tasks included traffic data collection, warrant studies, traffic analysis, safety data analysis, and development of conceptual layouts. Arcadis developed alternatives to address identified needs on US 71 using a data driven, tiered analysis approach. Alternatives were developed in close coordination with District 08 staff to better understand project needs and incorporate context sensitive solutions.
02/17 – 02/18	I-49 Interchange Stage 0 Safety Feasibility Study, LADOTD, Lafayette Parish, LA. Principal Engineer. Responsible for contract management and technical advisory for project tasks including data collection and analysis, traffic and safety analysis, and conceptual design drawings. Purpose of the project was to identify feasible improvement alternatives to address historical safety issues along the I-49 corridor and at 3 interchanges. Participated with meetings with LADOTD HQ and District 03 team members to understand project needs and develop context sensitive solutions.
04/16 – Ongoing	Pete's Highway Interchange Alternatives and Environmental Assessment, LADOTD, Denham Springs, LA. Principal Engineer. Responsible for contract management and deliverables for the project which included traffic and safety analysis, alternative screening and analysis, preliminary roadway and bridge design, line and grade, Interchange Modification Report, and Environmental Assessment. Purpose of the project is to improving operations and safety along Range Avenue at the I-12 interchange and along I-12. Design alternatives included two split diamond interchange options with roundabout, partial cloverleaves, and collector distributor road components at both Range Avenue and the next existing, eastern overpass at Pete's Highway (LA 16), and a diverging diamond interchange alternative at Range Avenue.
11/20 – Ongoing	I-10 CMAR, LADOTD, East Baton Rouge Parish, LA. Principal Engineer: Responsible for technical advisory and QA/QC of all traffic engineering tasks including development of permanent signing plans, Interchange Modification Reports, and Transportation Management Plans for the widening of Interstate-10 from LA 415 to Essen Lane and improvements to interchanges along this segment. One critical component of the project is maintaining traffic during the construction of new bridge structures. Multiple scenarios are being evaluated using a calibrated mesoscopic model to determine the impacts during construction and mitigations that will be necessary to minimize delay.



16. Staff Experience

Firm employed by		ARCADIS	
Name	Jose L. Rodriguez, PE	Years of relevant experience with this employer	1
Title	Senior Roadway Design Engineer	Years of relevant experience with other employer(s)	24
Degree(s) / Years / Specialization		BS / 1992 / Civil Engineering, University of New Orleans	
Active registration number / state / expiration date		PE.0030492 / LA / Exp. 03/31/2025	
Year registered	2003	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities.		Roadway Design Engineering	
Experience dates	Experience and qualifications relevant to the proposed contract		
	Mr. Rodriguez has more than 25 years of experience with roles of progressive responsibility as a civil engineer performing roadway design, bridge design, project management, hydraulic analysis, utility coordination, construction supervision, estimating, and project implementation for various clients in Louisiana, Texas, Georgia, and North Carolina. Jose has worked in close relationship with the Federal Highway Administration (FHWA), U.S. Army Corps of Engineers (USACE), Louisiana Department of Transportation (LADOTD), local parish governments, and regional planning commissions. He has extensive experience with Bentley Inroads, Autodesk Civil 3d, and Leap Bridge for Concrete Bridge Design. Served on the American Concrete Institute (ACI) Louisiana Board, becoming president of the Louisiana Chapter in 2010 and remains active in the organization.		
07/09 – 07/15	Peters Road Expansion, Phases I-III, LADOTD, Plaquemines, LA. Project Designer. Responsible for the geometric design, plan preparation and wetland delineation of Peters Road Phases I, II and III. The projects consisted of a new roadway, elevated crossing over the Intracoastal Waterway, approach roadways in Jefferson and Plaquemines Parishes to tie Peters Road to Louisiana 23 near Barrier Road. During the environmental phase of the project, Jose actively contributed to the preparation of plans and exhibits required for securing permits from the U.S. Coast Guard and the USACE. These projects were executed in close collaboration with Plaquemines Parish, the LADOTD, and the USACE.		
01/08 – 05/08	I-12 to Bush Corridor Study Phase III (EIS), LADOTD, St. Tammany Parish, LA. Project Designer. Responsible for evaluating environmental issues and developing design alternatives in accordance with the National Environmental Policy Act (NEPA) for transportation improvements. Jose, working in coordination with the environmental team, helped produce plans and exhibits for the development of GIS data sets for the project.		
03/19 – 05/20	Eastern Federal Lands Highway Division (EFLHD), Puerto Rico. Assessment Roadway Lead: Responsible for reviewing, preparing reports, and coordinating repairs at over 70 roadway sites damaged by Hurricane Maria. Provided technical assistance to local engineering firms to ensure the project adhered to the client’s guidelines and strict schedules. Jose ensured that all fieldwork and plan development were aligned with Puerto Rico’s horizontal and vertical datums for integration with GIS systems.		
04/21 - Ongoing	Lee Drive (Highland Road to Perkins) Final Design Study Report, MOVEBR Baton Rouge, LA. Project Designer, Responsible for coordinating and developing concept drawings to evaluate the geometric feasibility of different roadway alternatives, proposed improvements, and anticipated right-of-way needs. Provided technical guidance to help identify green infrastructure opportunities		

16. Staff Experience: Jose L. Rodriguez, PE | Arcadis U.S., Inc. – continued

	along the project. Also assisted in the implementation of Complete Street regulations for the corridor. During the alternative's selection process, conducts cost estimates to evaluate and select the preferred alternative.
01/06 – 09/09	New Orleans Submerged Roadway Program Management, LADOTD / New Orleans Regional Planning Commission, New Orleans, LA. Project Designer and Quality Control Reviewer for the program management team for the LADOTD and the FHWA. Jose helped develop design guidelines and processes for the standardization of engineering work for the repair of roadways damaged by Hurricane Katrina in the City of New Orleans and other parishes. Responsible for conducting quality control reviews on roadway plans prepared by other engineering firms for compliance with LADOTD and FHWA design standards.
02/10 – 06/11	I-10 from Veterans to Clearview, LADOTD, Metairie, LA. Project Designer. Responsible for roadway plan preparation for widening 1.2 miles of I-10 from three lanes to five lanes in each direction. The project also included bridge work to accommodate the interstate widening. Jose was also responsible for the alignment and design of concrete sound walls along the corridor. He helped implement an innovative two-sided concrete stamp process for the noise wall precast concrete panels.
05/12 – 12/15	Earhart Boulevard-Causeway Interchange, LADOTD, New Orleans, LA. Project Designer. Responsible for the geometric design and roadway plan preparation for the Earhart Boulevard-Causeway Interchange. The Earhart Boulevard Causeway Interchange purpose was to assist in traffic congestion relief for the east-west flow of traffic for the New Orleans Metro Area. It consisted of the development of roadway and bridge ramps for the creation of an elevated signal-controlled interchange. Responsible for development of all horizontal and vertical alignments for this project as well as roadway plan preparation, developing all roadway cross sections, drainage design, utility conflict resolution and cost estimating for the project.
06/04 – 01/11	Causeway Boulevard Interchange Improvements Phases I and II, LADOTD, Metairie, LA. Project Designer. This project consisted of widening Causeway Boulevard elevated structure at Veterans Boulevard and the construction of new at-grade and elevated ramps to provide better accesses, improve safety and ease congestion at this heavily traveled interchange. Responsible for evaluating existing girders, the design of new precast concrete girders and the roadway plan preparation for this project. Also, responsible for evaluating and design of new sewer and water lines for the project as well as coordinating the removal and replacement of all utilities affected by the new roadways and/or structure foundations.
01/20 – 05/20	NC Highway 73 (NC 73) Widening, North Carolina DOT, Mecklenburg County, North Carolina. Project Engineer. Responsible for the Temporary Traffic Control Plan preparation for the widening of NC 73. A principal arterial roadway, NC 73 was widened from a two-lane undivided roadway into a four-lane divided highway with a 30-foot wide median. The project presented many challenges due to the high traffic volumes, time restrictions for lane closures, and all NASCAR events at Charlotte Motor Speedway for the duration of the project. To mitigate traffic disruption and enhance roadway safety, assisted in preparing the Transportation Operation Plans and sequence of construction for the project. All design work was performed following NCDOT and the latest MUTCD standards.
04/18 – 09/20	Texas High-Speed Rail, Texas Central Railway, Dallas to Houston, Texas. Project Designer. Assisted with establishing flood elevations for the alignment of over 240 miles of rail tracts. Also responsible for the realignment of at-grade roadways impacted by the High-Speed rail.



16. Staff Experience

Firm employed by			
Name	David Fulks, PE	Years of relevant experience with this employer	15
Title	Roadway Design Engineer	Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization		MS / 2020 / Engineering Management, The George Washington University BS / 1997 / Civil Engineering, Portland State University	
Active registration number / state / expiration date		PE.030151 / LA / Exp. 09/2024	
Year registered	2002	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities.		Bridge Design Engineering	
Experience dates	Experience and qualifications relevant to the proposed contract		
		<p>Mr. Fulks has more than 27 years of experience in the design of roadways, flood protection systems, and airports. His experience encompasses analysis and design of geometric and pavement design of highways, streets, sidewalks, restrictive intersections, roundabouts, and interchanges; site hydrology and hydraulics; and traffic impact analysis. His responsibilities have included preparing engineering designs, reports, plans, and specifications; preparing and managing project schedules and cost estimates; and providing construction administration.</p>	
07/15 – 06/17	US 190B at Jefferson Ave Roundabout Design, LADOTD, St. Tammany Parish, LA. Roadway Engineer. Geometric and roadway design, preliminary plans preparation, and cost estimate for replacing an existing four-way signalized intersection with a single-lane elliptical roundabout.		
04/13 – 07/14	US 11 Railroad Bridge Replacement and Corridor Improvements Environmental Assessment, LADOTD, St. Tammany Parish, LA. Lead Engineer. Geometry and roadway design, line and grade study development, and cost estimates for the replacement of an historic railroad overpass bridge and upgrading an existing two-lane rural highway to a four-lane divided highway with access control.		
05/14 – 05/15	Joe Sevario/Roddy Road Roundabouts Stage 0 Feasibility Study, LADOTD, Ascension Parish, LA. Task Manager and Lead Engineer. Geometric and roadway design and cost estimates for the replacement of ten existing stop-controlled intersections with single-lane roundabouts.		
01/14 – 03/17	Pete's Highway Environmental Assessment, LADOTD, Livingston Parish, LA. Lead Roadway/Bridge Geometrics and Cost Engineer. High-priority project completing an Environmental Assessment and traffic engineering services related to improving congestion and operations along Range Avenue in the vicinity of the I-12 interchange. Design alternatives included two split diamond interchange options with roundabout, partial clover leaves, and collector-distributor road components at both Range Avenue and the next existing, eastern overpass at Pete's Highway (LA 16) and a diverging diamond interchange alternative at Range Avenue.		
11/14 – 10/15	LA 44 and Loosemore Road Roundabout, LADOTD, Ascension Parish, LA. Deputy Project Manager and Lead Engineer. Geometric and roadway design, preliminary subsurface utility investigation, and cost estimates for the replacement of an existing two-way stop-controlled intersection with either a single-lane roundabout or two single-lane roundabouts and right-in/right-out control at the existing intersection.		

16. Staff Experience: David Fulks, PE | Arcadis U.S., Inc. – continued

12/13 – 06/15	Safety Studies Retainer - LA 3235 Stage 0 Safety Feasibility Study, LADOTD, Lafourche Parish, LA. Lead Roadway Geometrics and Cost Engineer. Designed geometric layout of safety improvements including access management, restrictive intersections, and added turn lanes. Developed construction cost estimates for proposed improvements to assess feasibility of proposed alternatives.
09/09 – 03/12	I-20 – Kansas Lane/Garrett Road Connector Interchange Improvements, LADOTD, Ouachita Parish, LA. Lead Engineer. Geometry and roadway design of the new KCS Railroad overpass and connector between Kansas Lane and Garrett Road, including interstate interchange modifications to include two-lane roundabouts at ramp intersections, and three two-lane roundabouts along the corridor outside of the interchange. Improvements to the pedestrian and bicycle facilities were included in accordance with the LADOTD Complete Streets Policy. The compact project area required a detailed layout to confirm feasibility.
08/11 – 09/13	Chef Menteur Bridge and Approaches Replacement Environmental Assessment and Line and Grade Study, LADOTD, Orleans Parish, LA. Lead Roadway/Bridge Geometrics and Cost Engineer. Responsible for preparing the proposed geometric configurations of a bridge replacement at Chef Menteur Pass. Investigated four alignments as well as both low-level moveable and high-level fixed span bridge configurations. Performed detailed geometric layouts of both the mainline highway, bridge, and adjacent collector roadways to mitigate impacts to environmentally sensitive resources and local residential, commercial, and historical interests.
09/12 – 09/13	US 165 Connector and Ouachita River Bridge Environmental Impact Statement, LADOTD, Ouachita Parish, LA. Roadway Design Engineer. Responsible for preparing roadway and bridge general plan designs, line and grade report development, and cost estimates for a new five-mile elevated highway through Chauvin Swamp north of Monroe, LA. An in-town corridor was also developed which entailed upgrading Louisville Avenue and Hudson Lane in Monroe, the Lea Joyner Bridge over the Ouachita River, and Stella Street in West Monroe to function as a one-way couplet.
06/00 – 12/00	Hesper and Helios Avenue Street Rehabilitation, Jefferson Parish Engineering Department,, Harvey, LA. Roadway Engineer. Completed inspections and rehabilitation recommendations for eight blocks of local streets. Rehabilitation required demolition and replacement of concrete road panels, milling and overlay of asphalt surfaces, and installation of drainage inlets and subsurface drainage, as well as replacement of damaged and under-performing subsurface drainage. Performed inspections, collaborated with Parish representatives and utility companies, identified appropriate rehabilitation measures, and produced plans illustrating the rehabilitation recommendations.
2/09 – 4/10	US 90 – WBV 73 Western Tie-In Crossing Lake Cataouatche Area, United States Army Corps of Engineers (USACE) – New Orleans District, Jefferson Parish & St. Charles Parish, LA. Deputy Project Manager and Lead Roadway/Drainage Engineer. Responsible for development of preliminary and final design P&S for a 2,540-foot PPC girder/column bent bridge, highway approaches, and frontage roadways.
2/01 – 8/01	US 190 (Gause Boulevard) from LA 433 to US 11, LADOTD, Slidell, LA. Roadway/Drainage Designer. Alignment modification and capacity increase for a 3.5-mile stretch of this state highway. The project included two bridges, a transition from a rural minor arterial to an urban principal arterial, dozens of minor intersections with side streets, a railway crossing, and numerous drainage culverts. The roadway geometric and drainage designs were completed, and design plans were produced. This project required applying many geometric elements, such as super-elevation and multiple closely spaced horizontal curves that required a delicate balance of occasional conflicting requirements.

16. Staff Experience

Firm employed by			
Name	Gabriel Arias, PE	Years of relevant experience with this employer	1
Title	Transportation Engineer	Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization		BS / 2013 / Civil Engineering, Auburn University	
Active registration number / state / expiration date		PE. 0042599 / LA / Exp. 09/30/2025	
Year registered	2018	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities.		Roadway Design Engineering	
Experience dates	Experience and qualifications relevant to the proposed contract		
		<p>Mr. Arias has more than eight years' experience performing complex geometric design on roadway including horizontal and vertical (H&V) alignment, hydraulic design cross drain pipes (CDP's) and open ditches, turn lane design, striping/signage, structural design analysis and QC, traffic management plans, and roadway plan production.</p>	
06/16 – 02/17	LA 435 to LA 40/LA 41, LADOTD, St. Tammany Parish, LA. Project Engineer. The project calls for the construction of a new four-lane highway connecting I-12 to Bush, Louisiana, in St. Tammany Parish. The new roadway is approximately 19.8 miles in length and begins at LA 434, north of the existing LA 434 interchange with I-12, and traverses in a northeasterly direction until encountering an abandoned rail corridor. It then follows the rail corridor terminating at the LA 21/LA 41 intersections near Bush, Louisiana. Assisted with roadway geometric design including H&V alignment, hydraulic design for storm drains, CDP's and open ditches, structural design analysis and QC, Traffic management plans and roadway plan production for the new 5.5 mile 4-lane RA-3 roadway from LA 435 to Bush, LA.		
07/13 – 06/16	Bayou Mercier Road/Berard Canal Bayou, LADOTD, St. Martin Parish, LA. Project Engineer. Performed topographic field surveying and assisted with bridge design, hydraulic analysis and roadway design for the replacement of the existing off-system bridge timber structure with a quad-beam concrete structure.		
07/13 – 02/17	Derrick Road Bridge, LADOTD, Iberville Parish, LA. Project Engineer. Performed topographic field surveying and assisted with bridge design, hydraulic analysis and roadway design for the replacement of the existing off-system bridge timber structure with a slab span, concrete structure.		
07/13 – 02/17	Jude & Placide Road Bridges, LADOTD, Vermilion Parish, LA. Project Engineer. Performed topographic field surveying and assisted with bridge design, hydraulic analysis and roadway design for the replacement of the existing off-system bridges timber structures with slab span, concrete structures.		

16. Staff Experience: Gabriel Arias, PE | Arcadis U.S., Inc. - continued

06/18 – 10/19	Mid-Barataria Diversion Design, Plaquemines Parish, LA. Project Engineer. Planning, engineering and design services for the creation of the Mid-Barataria sediment diversion basin to strategically reintroduce sediment and freshwater inputs into the Barataria Basin. Assisted with detour roadway alignment creation/selection, TTC planning, and plan preparation.
07/13 – 10/16	City of Thibodaux Overlay Projects, LADOTD, Lafourche Parish, LA. Project Engineer. Project required chip sealing, joint & crack sealing, resurfacing and complete pavement replacement for four separate locations in the city of Thibodaux, LA. The goal was to prolong the life of the existing pavements by preventing future deterioration and/or rehabilitating the existing pavements. Assisted with roadway geometric design including horizontal alignments, selection of treatment type for pavements, hydraulic design for storm drains, CDP's and open ditches and roadway plan production.
09/13 – 02/17	Pecan Island Road Bridge Over The Chenal, LADOTD, Pointe Coupee Parish, LA. Project Engineer. Performed topographic field surveying and assisted with bridge design, hydraulic analysis and roadway design for the replacement of the existing off-system bridge timber structure with a customized slab span, concrete structure.
07/13 – 02/17	Gracie Lane Bridge, LADOTD, Iberville Parish, LA. Project Engineer. Performed topographic field surveying and assisted with bridge design, hydraulic analysis and roadway design for the replacement of the existing off-system bridge timber structure with a slab span, concrete structure.
04/14 – 02/17	Lajaunie Rd/Lateral 1 Bayou St. LADOTD, Clair, Lafayette Parish, LA. Project Engineer. Performed topographic field surveying and assisted with bridge design, hydraulic analysis and roadway design for the replacement of the existing off-system bridge timber structure with a slab span, concrete structure.
11/15 – 02/17	Babin Rd./Bayou Narcisse, LADOTD, Ascension Parish, LA. Project Engineer. Performed topographic field surveying and assisted with bridge design, hydraulic analysis and roadway design for the replacement of the existing off-system bridge timber structure with a slab span, concrete structure.
09/13 – 02/17	West 15th Avenue/Mile Branch, City of Covington, St. Tammany Parish, LA. Project Engineer. Performed topographic field surveying and assisted with bridge design, hydraulic analysis, and roadway design for the replacement of the existing bridge timber structure with a customized slab span, concrete structure. Included an integral pedestrian/bicycle path and custom barrier to separate pedestrians and vehicles.
02/18 – 04/18	US 377 Cresson Relief Route, TXDOT, TX. Project Engineer. TXDOT will construct a three-mile relief route west of the city of Cresson. The relief route will be a new four-lane divided highway on US 377 beginning one mile south of the intersection of US 377 and SH 171 and ending one mile north of the same intersection. Assisted with plan creation including H&V alignment review, TTC plans, construction quantity estimation and roadway plan production for the realigned roadway.
06/17 – 10/17	Hwy 270 Widening Connecting Arkansas Program (CAP), CA0607, Garland County, AR. Project Engineer. Contracted by AHTD, as part of their Connecting Arkansas Program (CAP), to assist with the design of widening approximately three miles of Hwy 270 in Garland County. The proposed roadway is 4 lanes with a painted median from Hwy 270 to Black Snake Road, then 5 lanes curb & gutter from Black Snake Road to Hwy 227. Responsibilities include the drainage design and plan production, wetland delineation and maintenance of traffic plans. Tasks include preliminary site visits, developing hydraulic and hydrologic models for the pipes, submittal of Hydraulic Report, drainage ditch design, maintenance of traffic plan submittals and wetlands report.



16. Staff Experience

Firm employed by			
Name	Ari Deitch, PE, PTOE, PTP, RSP	Years of relevant experience with this employer	10
Title	Senior Traffic Engineer	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		PE.0041842 / LA / Exp. 03/2022; PTOE #4346 / USA / Exp. 11/2023 PTP #690 / USA / Exp. 07/2022; RSP #37 / USA / Exp. 12/2024;	
Active registration number / state / expiration date		PE.0041842 / LA / Exp. 03/2026; PTOE #4346 / USA / Exp. 11/2026 PTP #690 / USA / Exp. 07/2025; RSP #37 / USA / Exp. 12/2024;	
Year registered	2018	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities.		Traffic Engineering	
Experience dates	Experience and qualifications relevant to the proposed contract		
	<p>Mr. Deitch is a Senior Traffic Engineer specializing in traffic safety, traffic engineering and design, transportation management, and conceptual roadway design. Mr. Deitch has experience managing and working on a wide range of transportation projects for LADOTD, and other DOTs and municipalities across the country, pertaining to safety studies, access management, pedestrian and bicycle improvements, completed streets, Stage 0 feasibility studies, traffic studies, transportation management plans, NEPA studies, signal design, and signing and marking design. He has experience with Highway Safety Manual methods and is proficient in IHSDM, Synchro, Vistro, VISSIM, SIDRA, and MicroStation software.</p>		
04/16 – 09/18	<p>New Orleans Pedestrian Stage 0 Safety Feasibility Study, LADOTD, Orleans Parish, LA. Assistant Project Manager. Responsible for assessing existing and future safety deficiencies related to pedestrian and bicycle modes and selecting safety countermeasures for 20 high-risk locations. Developed design drawings for proposed short-term and long-term improvement phases and conducted benefit-cost analysis to inform project prioritization. Conducted safety analysis using Highway Safety Manual predictive methods. Organized and lead project stakeholder meetings to review alternatives, obtain feedback, and develop context sensitive solutions. Completed Stage 0 documentation including Preliminary Scope and Budget and Environmental Checklists for all 20 intersections.</p>		
02/23 – 05/24	<p>District 04 Pedestrian Safety Improvements, LADOTD, Caddo and Bossier Parishes, LA. Project Manager. Responsible for assessing existing and future safety deficiencies related to pedestrian and bicycle modes at identified high-risk locations in Caddo and Bossier Parishes. Locations were identified through a systemic safety analysis conducted by LADOTD and CARTS. Tasks included historical crash analysis, site visits, concept development, benefit-cost analysis, and stage 0 documentation. Stakeholder engagement was a critical component of the study and stakeholder input was facilitated at key project milestones.</p>		
02/18 – 06/21	<p>Baton Rouge Pedestrian and Bicycle Safety Action Plan and Road Safety Assessments, LADOTD, East Baton Rouge Parish, LA. Traffic Engineer. Responsible for assessing existing and future safety deficiencies related to pedestrian and bicycle modes at identified high-risk intersections and segments in East Baton Rouge Parish. Assisted with the development of screening criteria to identify high priority locations with a history of pedestrian and/or bicycle crashes. Participated in Road Safety Assessments (RSAs) at 10 priority locations to identify and evaluate safety deficiencies and develop safety countermeasures to improve safety for pedestrians and bicyclists.</p>		
02/15 – 09/18	<p>US 71 Corridor - Phase II and III Traffic and Safety Corridor Study, LADOTD; Rapides Parish, LA. Project Manager and Traffic Engineer. Responsible for overseeing and managing project tasks including traffic data collection, warrant studies, traffic analysis, crash analysis, alternative and countermeasure development, predictive safety analysis, and conceptual drawings.</p>		

16. Staff Experience: Ari Deitch, PE, PTOE, PTP, RSP | Arcadis U.S., Inc. – continued

01/19 – 05/20	US 90 Ramps at LA 88 Roundabouts, Iberia Parish, Louisiana. Transportation Engineer. Assisted with permanent signing and striping components of roadway safety design plans to accommodate the construction of proposed roundabouts.
08/14 – 06/15	LA 3235 Stage 0 Safety Feasibility Study, LADOTD, Lafourche Parish, LA. Traffic Engineer. Responsible for review of existing crash data and traffic operations analysis, development of safety countermeasures, conceptual drawings, signal warrant analysis and timing plans. and Stage 0 documentation. Purpose of the project was to develop access management strategies and roadway improvements that will maintain and improve mobility, improve safety, support existing and future development along the LA 3235 corridor. Safety performance of alternatives was estimated using Highways Safety Manual predictive methods.
04/16 – 10/19	I-12 Hard Shoulder Running Feasibility Study and Preliminary Design, LADOTD, East Baton Rouge and Livingston Parishes, LA. Traffic Engineer. Conducted traffic analysis using a calibrated microsimulation model to evaluate the operational performance of HSR and HOV lane alternatives. Developed conceptual drawings and construction cost estimates to evaluate the feasibility of proposed alternatives.
02/17 – 02/18	I-49 Interchange Stage 0 Safety Feasibility Study, LADOTD, Lafayette Parish, LA. Traffic Engineer. Responsible for data collection and analysis, traffic and safety analysis, and conceptual design drawings. Purpose of the project was to identify feasible improvement alternatives to address historical safety issues along the I-49 corridor and at 3 interchanges. Participated with meetings with LADOTD HQ and District 03 team members to understand project needs and develop context sensitive solutions.
04/21 - Ongoing	Louisiana Strategic Highway Safety Plan Update, LADOTD, Statewide, LA. Project Manager. Responsible for managing project tasks and deliverables that Arcadis is responsible for and ensuring QAQC protocols are performed. Arcadis is performing all crash data analysis tasks for the SHSP update, including a statistical analysis of existing emphasis areas and evaluating potential modifications to emphasis areas.
08/19 – 02/20	US 61 Access Management and Corridor Improvements, LADOTD, East Baton Rouge Parish, LA. Technical support and QAQC. Project purpose was to evaluate the effectiveness of proposed access management improvements along US 61 and identify feasible alternatives to maximize operational and safety benefits. Evaluated the need for pedestrian and bicycle accommodations based on historical crash data and adjacent land use. Assisted with the development of construction cost estimates and benefit-cost analysis to compare the effectiveness of proposed alternatives.
04/16 – Ongoing	Pete's Highway Interchange Alternatives and Environmental Assessment, LADOTD, Denham Springs, LA. Traffic Engineer. Responsible for traffic analysis of proposed alternatives using VISSIM software. Played a key role in the development of preliminary roadway design drawings, incorporation LADOTD's Complete Streets Policy, and implementing enhanced pedestrian safety measures such as high visibility crosswalks. Work involves completing an Environmental Assessment and providing traffic engineering services related to improving operations and safety along Range Avenue at the I-12 interchange. Conducted signal warrant analysis and developed optimized timing plans for proposed improvements.
02/15 – 11/17	Intersection Feasibility Study - Evangeline Thwy, Johnston St, & Louisiana Ave, LADOTD, Lafayette Parish, LA. Traffic Engineer: Responsible for review of existing crash data, traffic operations analysis, and development of design alternatives. Objective is to develop alternatives for the intersection of Evangeline Thruway (US 167/90) and Johnston Street (US 167) / Louisiana Avenue (LA 94) that will improve safety and mobility. Evangeline Thruway consists of two one-way roadways with three lanes in each direction. Three alternatives for each intersection at Johnston Street / Louisiana Avenue were developed based on the results traffic and safety analysis.



16. Staff Experience

Firm employed by			
Name	Kester Hollier, PE, PTOE	Years of relevant experience with this employer	3
Title	Senior Traffic Engineer	Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization		BS / 2004 / Civil Engineering, Louisiana Tech University	
Active registration number / state / expiration date		PE.034304 / LA / Exp. 03/2025; PTOE #3928 / USA / Exp. 11/2024	
Year registered	2009	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities.		Traffic Engineering	
Experience dates		Experience and qualifications relevant to the proposed contract	
		<p>Mr. Hollier possesses a wide breadth of experience in the field of transportation engineering including feasibility studies, traffic engineering, signal timing and design, roadway design, complete street improvement projects, roadway safety analysis and design, and construction management and inspection. Working on a wide variety of projects from the planning and conceptual phases to the design and construction phases, has given him the experience to help identify the needs and requirements for projects. This experience allows him to understand stakeholders ranging from local public agencies to state DOTs and helps provide expertise in achieving successful solutions for a variety of projects. Mr. Hollier has completed LADOTD Traffic Engineering Process and Report Training.</p>	
03/22 – 03/23		<p>City of Mandeville Pedestrian and Bicycle Plan, New Orleans Regional Planning Commission (NORPC), Mandeville, LA. Senior Traffic Engineer. The study covered an area of approximately 34 square miles, encompassing the Tammany Trace and historic Old Mandeville, where pedestrian and bicycle traffic was significant. With a focus on increasing accessibility and safety, the study identified gaps in the existing active transportation network and proposed solutions based on industry guidelines and best practices. The project involved data collection, public engagement, strategy development, and policy recommendations to support the implementation of a comprehensive plan that addressed the needs of the community.</p>	
05/14 – 08/20		<p>Causeway Blvd. at Earhart Expwy. Interchange, LADOTD, Jefferson Parish, LA. Traffic/Civil Engineer. Responsible for the design of traffic control and construction sequencing, pavement marking layout, quantity analysis, cost estimates, and quality control for a new interchange at LA 3139 (Earhart Expwy.) and LA 3046 (Causeway Blvd.) in Jefferson Parish, LA. Provided review for the interchange traffic sign and traffic signal timings and design. Identified all necessary design waivers and design exceptions required for LADOTD approval. Provided geometric layout design, typical section design and review, and joint layout design for several interchange ramps and underpasses.</p>	
09/12 – 02/16		<p>Stage 0 Feasibility Study and Stage 1 EA for Replacing Belle Chasse Tunnel and Bridge, LADOTD, Plaquemines Parish, LA. Traffic Engineer. Responsible for the feasibility study and traffic analysis along LA 23 (Belle Chasse Highway) between LA 428 (Behrman Highway) and LA 406 (Woodland Highway) for multiple 6-lane bridge alternatives that will be proposed to replace the existing Belle Chasse Tunnel and lift bridge over the Intercoastal Waterway. These alternatives included 3%, 4%, and 5% bridge grades that modified roadway geometry and intersection location. Responsible for the review of the roadway portion and costs for the Line and Grade Study along with the review of the construction sequencing and traffic maintenance of the constructability review.</p>	

16. Staff Experience: Kester Hollier, PE, PTOE | Arcadis U.S., Inc. – continued

11/20 – Ongoing	I-10 CMAR, LADOTD, East Baton Rouge Parish, LA. Project Manager. Responsible for traffic engineering tasks including development of permanent signing plans, traffic signal plans, interchange modification reports, and transportation management plans for the widening of I-10 from LA 415 to Essen Lane and improvements to interchanges along this segment. Extensive historical crash and safety analysis is being performed in support of the IMR and TMP. One critical component of the project is maintaining traffic during the construction of new bridge structures. Multiple scenarios are being evaluated using a calibrated mesoscopic model to determine the impacts during construction and mitigations that will be necessary to minimize delay.
06/13– 04/14	US 190 Stage 0 Feasibility Study, LADOTD, St. Tammany, LA. Traffic Engineer. Responsible for roundabout geometric design and pedestrian and bike path design along the US 190 corridor in the City of Slidell and St. Tammany Parish to improve safety for motorized and non-motorized roadway users.
11/17 – 07/20	LA 466 (5th Street) Improvements Traffic Study, City of Gretna, Jefferson Parish, LA. Project Manager / Traffic Engineer. Responsible for the traffic study and impacts for the proposed complete streets improvements along the LA 466 corridor between LA 23 and Richard St. in Gretna, Louisiana. Tasks included data collection along the corridor and at designated intersections, safety and crash analysis along the corridor, trip generation/land use and performing existing traffic analysis and future traffic analysis for proposed final alternative. The traffic study was prepared to follow the Louisiana Department of Transportation and Development's Traffic Engineering Process and Report Guidelines. The project also included a stand alone pedestrian study along the corridor at designated intersection and the design of accessible pedestrian signals at signalized intersections.
12/17 – 11/19	Causeway Boulevard Widening Traffic Study, Jefferson Parish, LA. Project Manager / Traffic Engineer. Responsible for the traffic and safety study for the proposed widening of Causeway Boulevard between Metairie Rd. and West Esplanade Blvd. in Jefferson Parish, LA. Tasks included data collection, traffic volume redistribution, left-turn placement and turn bay storage length, and existing traffic analysis and future traffic analysis of a preferred alternative.
10/18 – 01/19	LA 22 Traffic Circulation and Corridor Analysis, NORPC, St. Tammany Parish, LA. Traffic Engineer. Responsible for the development of three future alternatives along Northshore Boulevard between I-12 and US 190 in Slidell, LA. Managed the data collection process and peak period observations to determine existing traffic patterns as well as the safety analysis along the corridor. Developed three alternatives that used a combination of traffic signal retiming, J-turns, and roundabouts to provide better access management along Northshore Boulevard as well as improve traffic flow in the corridor for current and proposed future conditions with consideration given to proposed future developments using trip generation and land use analysis.
01/10 – 04/11, 07/13 – 01/14	Stumberg Lane Extension, City of Baton Rouge Green Light Plan, East Baton Rouge Parish, LA. Traffic Engineer. Responsible for the design of new traffic signals at US 61 (Airline Highway) and LA 73 (Jefferson Highway) for the extension of Stumberg Lane in Baton Rouge, LA. Also, responsible for the design and layout of the fiber optic interconnect along the proposed extension.
05/09 – 07/13	LA 23 Widening (Lapalco Blvd. – Engineers Rd.), LADOTD, Jefferson and Plaquemines Parishes, LA. Traffic/Civil Engineer. Responsible for the road design and geometrics for the widening of LA 23 in Jefferson and Plaquemines Parishes between Lapalco Blvd. (LA 428) and Engineers Rd. (LA 3017). Developed traffic analysis for the traffic signal timing and required turn bay lengths at intersections. Developed traffic signing plans, pavement marking layouts and temporary traffic control plans.



16. Staff Experience

Firm employed by			
Name	Jose M. Rodriguez, RSP		Years of relevant experience with this employer
Title	Safety Analyst		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		MS / 2014 / Civil Engineering, LSU BS / 2006 / Civil Engineering, Julio Garavito Colombian Engineering School	
Active registration number / state / expiration date		RSP # 12 / USA / Exp. 05/2025	
Year registered	2019	Discipline	Road Safety Professional
Contract role(s) / brief description of responsibilities.		Traffic and Safety Engineering	
Experience dates	Experience and qualifications relevant to the proposed contract		
 <p>Mr. Rodriguez specializes in transportation safety and has experience on a wide range of projects including Stage 0 feasibility studies, Road Safety Assessments, pedestrian and bicycle improvements, and systemic safety evaluation projects. Mr. Rodriguez has extensive experience in crash analysis and the application of Highway Safety Manual Methods including Crash Modification Factors and Safety Performance Functions for local and nonlocal conditions. Mr. Rodriguez develops dynamic web dashboards using Power BI to visualize and organize data analysis results. Mr. Rodriguez has performed safety effectiveness evaluations to develop state-specific SPFs for LADOTD, and is currently assisting LADOTD with the 2022 Strategic Highway Safety Plan Update. Mr. Rodriguez has completed Traffic Engineering Process and Report Training.</p>			
04/14 - 03/16	Highway Safety Manual (HSM) Safety Performance Functions (SPFs) and Louisiana Specific SPFs, LADOTD, Statewide, LA. Safety Analyst. Responsible to calibrate the HSM SPFs based on the HSM recommendations and Statewide crash data and develop the Louisiana Specific SPFs using statistical analyses and procedures recommended by the HSM.		
04/21 - Ongoing	Louisiana Strategic Highway Safety Plan Update, LADOTD, Statewide, LA. Safety Analyst. Responsible to conduct all crash data analysis tasks for the SHSP update, including a statistical analysis of existing emphasis areas and evaluating potential modifications to emphasis areas.		
03/17 – 09/18	New Orleans Pedestrian Stage 0 Safety Feasibility Study, LADOTD, Orleans Parish, LA. Safety Analyst. Historical crash analysis and safety analyses performed for 20 high priority intersections utilizing the Highway Safety Manual (HSM) 2010 guidelines and Crash Modification Factors (CMFs) from other sources. Analyses include developing build alternatives that address safety and operational issues at each intersection for all road users and developing Stage 0 Checklists and Documentation.		
03/17 – 08/17	US 71 Corridor - Phase II Stage 0 Feasibility Study, LADOTD; Rapides Parish, LA. Safety Analyst. Responsible for historical crash analysis to identify trends and safety issues. Assisted with the development of build alternatives to address safety issues and performed HSM predictive safety analysis to estimate the potential reduction in crashes for each alternative. Assisted with the completion of Stage 0 Checklists and Documentation.		

16. Staff Experience: Jose M. Rodriguez, RSP | Arcadis U.S., Inc. – continued

05/18 – 06/21	Baton Rouge Pedestrian Bicycle Safety Action Plan and Road Safety Assessments, LADOTD, East Baton Rouge Parish, LA. Safety Analyst. Supported the development and delivery of a Pedestrian and Bicycle Safety Action Plan for the City of Baton Rouge. Responsibilities include completing a review of crash data, identification of priority locations, and creation of targeted safety countermeasures based on roadway type. He was responsible for reviewing the crash data in both (Geographic Information Systems) GIS and PowerBI to determine areas to focus on 10 locations with the most need for pedestrian/bicycle safety improvement. The second phase of the project included conducting Road Safety Audits (RSA's) at the 10 priority locations to identify safety issues and develop feasible alternatives to improve pedestrian and bicycle safety.
03/17 – 10/19	I-12 Hard Shoulder Running Feasibility Study and Preliminary Design, LADOTD, East Baton Rouge and Livingston Parishes, LA. Safety Analyst. Reviewed and summarized the current best practices and safety research information on hard shoulder running experience in the U.S and Europe. Research included shoulder / median width and impacts to safety, desirable lengths for effective hard shoulder running, and CMFs to predict impacts to safety by reducing lane and / or shoulder widths. Produced a high-level technical memorandum that will identify and evaluate feasible alternatives of utilizing existing I-12 shoulders, researching the best practices, analyzing the safety and operational benefits, and determining the likely costs. Evaluated safety based on crash analysis, the HSM predictive methods and the ISATe tool for Freeways. Estimated costs and benefits of operational and safety analysis for proposed alternatives.
03/17 – 02/18	I-49 Interchange Stage 0 Safety Feasibility Study, LADOTD, Lafayette Parish, LA. Safety Analyst. Responsible for the collection and evaluation of historical crash data, screening and selection of available safety improvement strategies that typically include alternative intersection configuration, roundabouts, corridor geometry and lane configuration, and driver awareness improvements. Safety analysis using HSM Predictive Method and IHSDM.
03/17 – Ongoing	Pete's Highway Interchange Alternatives and Environmental Assessment, LADOTD, Denham Springs, LA. Traffic and Safety Analyst. Responsible for methodology development and overview of traffic analyses for a high-priority project. Work involves completing an EA and providing traffic engineering services related to improving operations and safety along Range Avenue at the I-12 interchange. Design alternatives included two split diamond interchange options with roundabout. partial cloverleafs, and collector-distributor road components at both Range Avenue and the next existing, eastern overpass at Pete's Highway (LA 16); and a diverging diamond interchange alternative at Range Avenue. Performed HSM predictive safety analysis to determine the safety benefits of proposed improvements.
2019 – Ongoing	District 8 Systemic Safety Project, Pedestrians, Ohio Department of Transportation and Development, Columbus, Ohio. Safety Analysts. Responsible for the review of data, including crash, roadway inventory, and demographics. The project required the development of a PowerBI dashboard and use of GIS analytics to review the crash data to determine metrics that were over-represented to locate areas where crashes are occurring, and areas where crashes may not be occurring, but have similar environmental characteristics (i.e., speed limit, lane width, driver or pedestrian age, presence of zero vehicle households, etc.), as where crashes are happening. This will allow the project team to not only develop engineering treatments, but also target areas for enhanced education and enforcement.

16. Staff Experience

Firm employed by			
Name	Max Aguirre, PhD, PE, RSP, PTOE		Years of relevant experience with this employer
Title	Transportation Engineer		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		PhD / 2018 / Engineering Science, LSU MS / 2015 / Construction Management, LSU; BS / 2013 / Civil Engineering, LSU	
Active registration number / state / expiration date		PE. 052016/ NC / Exp. 12/31/2024; PE. 0047579/ LA / Exp. 09/30/2025; RSP2I #182 / USA / Exp. 7/2027; PTOE: 5291/ Exp 07/2025	
Year registered	2021	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities.		Traffic Engineering	
Experience dates	Experience and qualifications relevant to the proposed contract		
		Dr. Aguirre is a Professional Engineer in the state of North Carolina and a Road Safety Professional. Over the course of his academic career, Dr. Aguirre has served as a Graduate Research Assistant and participated in multiple field-related organizations. Dr. Aguirre has experience working on projects for Louisiana Department of Transportation and Development (LADOTD) pertaining to traffic and safety studies, feasibility studies, pedestrian and bicycle improvements, permanent signing design, signal design, and NEPA studies. He is also familiar with the Highway Capacity Manual, Highway Safety Manual, MUTCD, and AASHTO "Green Book". Dr. Aguirre is also knowledgeable in the application of several software programs including IHSDM, SYNCHRO, GuidSIGN, HCS and MicroStation software. Dr. Aguirre has completed LADOTD Traffic Engineering Process and Report Training.	
09/19 – 06/21	Baton Rouge Pedestrian and Bicycle Safety Action Plan and Road Safety Assessments, LADOTD, East Baton Rouge Parish, LA. Traffic Engineer. Assisted with the assessment of existing and future safety deficiencies related to pedestrian and bicycle modes at identified high-risk intersections and segments in East Baton Rouge Parish. Assisted with the development of screening criteria to identify high priority locations with a history of pedestrian and/or bicycle crashes. Assisted in the development of Road Safety Assessments (RSAs) at 10 priority locations to identify and evaluate safety deficiencies and develop safety countermeasures to improve safety for pedestrians and bicyclists.		
09/19 – Ongoing	Interchange Feasibility – I-49 (Ricohoc to Berwick) Supplemental Environmental Impact Assessment, LADOTD, St. Mary Parish, LA. Traffic Engineer. Assist in project tasks involving planning and evaluation of different interchange alternatives and their geometric design, socio-economic impacts, mobility impacts, and environmental impacts.		
10/19 – 07/21	I-10 New Orleans to Slidell Hard Shoulder Running Feasibility Study, LADOTD, Orleans Parish, LA. Traffic Engineer. Purpose of the project was to evaluate the feasibility of implementing HSR lanes along I-10 to alleviate existing bottlenecks and congestion along critical segments of the corridor. Assisted in the development of conceptual drawings and typical sections for proposed Hard Shoulder Running (HSR) alternatives on I-10 between New Orleans and Slidell.		
08/19 – 02/20	US 61 Access Management and Corridor Improvements (Airline Hwy) Feasibility Study, LADOTD, East Baton Rouge Parish, LA. Traffic Engineer. Project purpose was to evaluate the effectiveness of proposed access management improvements along US 61 and identify feasible alternatives to maximize operational and safety benefits. Evaluated the need for pedestrian and bicycle accommodations		

16. Staff Experience: Max Aguirre, PhD, PE, RSP, PTOE | Arcadis U.S., Inc. – continued

	based on historical crash data and adjacent land use. Assisted in conducting traffic analysis and the development of benefit-cost analysis to compare the effectiveness of the proposed alternatives.
11/20 – Ongoing	I-10 CMAR, LADOTD, East Baton Rouge Parish, LA. Traffic Engineer. Assisting in traffic engineering tasks including development of permanent signing plans, Interchange Modification Reports, and Transportation Management Plans for the widening of I-10 from LA 415 to Essen Lane and improvements to interchanges along this segment. Assisted in the development of existing condition safety analysis including tasks such as crash data analysis, collision diagrams, and crash report documentation.

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

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	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 standard 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 standard 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 standard for the proposed roadway structures. A P S performed a total of 4 PDA during construction monitoring.
01/19–Present	Project No.2012-FEMA-1B-1: Westend Group: 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	Phase II Project No. H.011798: Airline Park Blvd (Camphor-West Napoleon): 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	Project No. H.011795: Westwood Drive (WB Expressway to Lapalco): 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	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.
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 standard for the proposed roadway structures.
04/18–11/18	Phase I Project No. H.011798: Airline Park Blvd: 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: Sergio Aviles, P.E., M.ASCE | APS Engineering and Testing, LLC - continued

TRAINING:

NHI certifications Courses: Design & Implementation of Erosion & Sediment Control, Driven Pile Foundation Inspection and Design, Drilled Shaft Inspection, Design of Mechanically Stabilized Earth Walls and Reinforced Soil Slopes, and Design of Drilled Shafts Foundation.

Pile Dynamic Analysis (PDA), WEAP, & CAPWAP

Microsoft Visual Studio .NET programming course at LSU, and Microsoft Office Suite.

WorkZone Traffic Technician and Flagger Certifications

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

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	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 standard 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 standard 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 standard 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 standard for the proposed roadway structures.
01/19–Present	Project No.2012-FEMA-1B-1: Westend Group: 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	Project No. H.011795: Westwood Drive (WB Expressway to Lapalco): 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	Phase II Project No. H.011798: Airline Park Blvd (Camphor-West Napoleon): 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	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 **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

0043487 / LA / 09-03-2025

Year registered

2019

Discipline

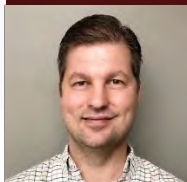
Civil

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>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	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.
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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	Joseph Layton	Years of relevant experience with this employer	5
Title	Senior Technician	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	Project No. H.013897: College Drive Flyover- 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	Project No. H.008145.8: LA 1 Golden Meadow to Leeville- 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	Project No. 011098.6: LA 30 South Blvd. to W. Chimes St.- 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	Project No. H.009250: I-10- Highland to LA 73- 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	Project No. 2012-FEMA-1B-1-Westend Group- 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	Project No. H.011795: Westwood Drive (WB Expressway to Lapalco)- 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	Project No. H.011798: Airline Park Blvd (Camphor-West Napoleon) Phase II- 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	Project No. H.011798: Airline Park Blvd I- 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 3241: LA 435 to LA 40 / LA 41
S.P. No. H.004113
Designed by T. Baker Smith, LLC

SECTION 17



17. Firm Experience

Firm name:	T. Baker Smith, LLC			Past Performance Evaluation Discipline(s)*	Road, Bridge, Survey	
Project name:	Lajaunie Road/Lateral 1 Bayou St. Clair Bridge Replacement			Firm responsibility (prime or sub?)	Prime	
Project number	H.010557	Owner's name	Louisiana Department of Transportation and Development			
Project location	Lafayette Parish, LA		Owner's Project Manager	Barbara Ostuno, PE		
Owner's address, phone, email		1201 Capital Access Rd., Baton Rouge, LA 70802; 225.379.1047; barbara.ostuno.la.gov				
Services commenced by this firm (mm/yy)		07/13	Total consultant contract cost (\$1,000's)			\$134
Services completed by this firm (mm/yy)		09/23	Cost of consultant services provided by this firm (\$1,000's)			\$134

Potential Project Relevance:

✓ Road Design ✓ Bridge Design ✓ Right-of-Way
 ✓ Survey ✓ Hydraulic Constraints ✓ Custom Structural Components ✓ Adjacent Residential Properties

The Lajaunie Road Bridge over Lateral 1 of Bayou St. Clair was part of the Off System Bridge Replacement Program. The existing structure was a 1970's style precast concrete bridge founded on timber piles in need of replacement due to being functionally obsolete & structurally deficient. The narrow, two-lane bridge sat within an existing horizontal curve on an RL-3 classified roadway without superelevation. The bridge's piles had been repaired several times and possibly replaced during its life. The existing bridge was replaced with a modern concrete structure utilizing multiple superstructure types and custom approach and barrier options.

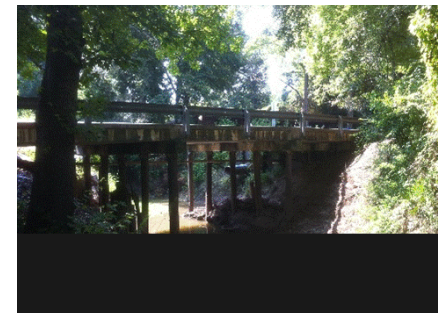
Due to the necessity of a curved, superelevated section, and the hydraulic need to remove obstructions from the channel, multiple superstructure types were used for this in-house design which resulted in a new bridge utilizing (2) 20' exterior reinforced concrete slab spans and (1) 40' quad beam span. Additionally, the replacement structure is near an existing residence on the begin bridge side, so special design elements were required included tapered barrier rails, curved approach slabs, and stepped bent caps to accommodate the different span types. T. Baker Smith was able to improve the safety of this corridor and minimize impacts on adjacent property owners while staying within the time and cost constraints of the Off-System Bridge Program.

Under the scope of this project, T. Baker Smith provided property survey, right-of-way mapping**, environmental surveys, wetland delineation, USACE permitting, right-of-way/utility servitudes, hydraulic design, drainage design & analysis, road & bridge design, structural analysis, and QA/QC.

** Right-of-Way Mapping services were performed under separate contract with LCG

The project was delayed for several years due to entity's right-of-way acquisition.

TBS Team: Kenny Belou, PE; Daniel Binet, PE; Kelly Radecker, PE; Jean Reulet, III, PLS; Lisa Osborne; Daniel Fontenelle, EI



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. Tammany Parish, 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.

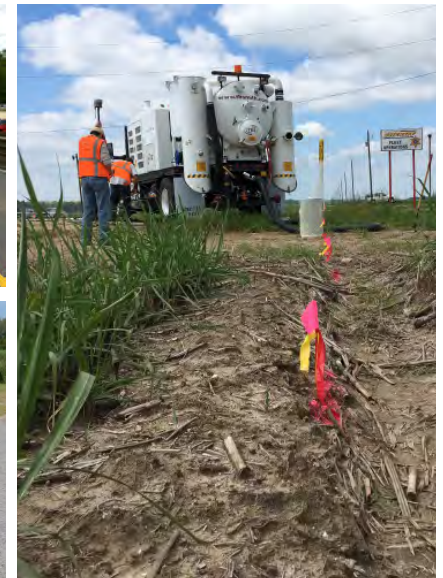
TBS was responsible for the horizontal and vertical design and roadway widening design, which included mill and overlay for nearly the entire project length with full depth roadway widening over existing ditches. Portions of the project also included full roadway reconstruction due to off-alignment curve 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; Laramey Leet



17. Firm Experience

Firm name:	T. Baker Smith, LLC		Past Performance Evaluation Discipline(s)*	Road
Project name:	US 190 at Northshore and Camp Villere		Firm responsibility (prime or sub?)	Prime
Project number	H.012812	Owner's name	Louisiana Department of Transportation and Development	
Project location	St. Tammany 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)	02/20	Total consultant contract cost (\$1,000's)		\$547
Services completed by this firm (mm/yy)	12/22	Cost of consultant services provided by this firm (\$1,000's)		\$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



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)*	Road, Survey	
Project name:	I-12 to Bush: LA 3241: LA 435 to LA 40/41			Firm responsibility (prime or sub?)	Prime	
Project number	H.013116	Owner's name	Louisiana Department of Transportation and Development			
Project location	St. James / Lafourche Parishes, LA		Owner's Project Manager	Corey Landry, PE		
Owner's address, phone, email		1201 Capital Access Rd., Baton Rouge, LA 70802; 225.379.1889; corey.landry@la.gov				
Services commenced by this firm (mm/yy)		07/17	Total consultant contract cost (\$1,000's)			\$751
Services completed by this firm (mm/yy)		06/23	Cost of consultant services provided by this firm (\$1,000's)			\$637

Potential Project Relevance:

- ✓ Roadway Widening Design
- ✓ Intersection Design
- ✓ J-Turns
- ✓ Hydraulic Design
- ✓ Topographic Survey
- ✓ Subsurface Utility Engineering

The I-12 to Bush project, located in St. Tammany Parish in LADOTD District 62, was part of the TIMED program established by Act 16 in the 1989 General Session of the LA State Legislature, which is funded by the four cent per gallon fuel tax. The project was an alternative North-South connection that would reduce congestion and delays for those traveling from northern St. Tammany and Washington Parishes to I-12. Its total length is 19.5 miles. The project was broken into three segments for design. TBS was the prime consultant for Segment # 3 - LA 435 to LA 40/41. Segment 3 of the corridor begins 500 feet north of LA 435 and ends at the intersection of the new corridor and LA 40/41 in Bush, LA with a total length of approximately 5.5 miles. Segment 3 traverses entirely on new alignment through virgin territory consisting of four lanes with inside and outside shoulders and a depressed median. This high-speed corridor was designed to RA-2 and RA-3 criteria with control of access throughout much of the project. The project includes several large drainage structures as well as a Type III girder style bridge approximately 500' long over Talisheek Creek.

The scope of services includes providing all necessary roadway and bridge design, topographic surveys, geotechnical engineering, sub-surface utility engineering (SUE), Traffic Management Plans, and related services. TBS established intermediate control points along the project and performed approximately 75% of the topographic surveying with a width of 300' along the mainline.

TBS allocated multiple crews in order to complete the topographic survey


ahead of schedule, including all utilities with depths provided by the SUE consultant and drainage information required for the preliminary design.

Additional project elements included the hydraulic design and analysis of the entire segment, including 4 major reinforced concrete box culvert crossings, R-Cut and median U-turn openings at both intersections, super-elevation design, graphical grading of U-turns, and special environmental requirements. TBS provided Final Right of Way Maps for the project and served in a Construction Support Role, reviewing Contractor RFI's and Submittals.

Project Team: Kenny Belou, PE; Kelly Radecker, PE; Daniel Binet, PE; Ryan DiSalvo, PLS; Lisa Osborne; Laramie Leet; TJ Stokes, PE (previous employer)



17. Firm Experience

Firm name			Past Performance Evaluation Discipline(s)*	Road, Traffic
Project name	Safety Design IDIQ - US 90 Ramps at LA 88 Roundabouts		Firm responsibility (prime or sub?)	Sub
Project number	H.011495	Owner's name	Louisiana Department of Transportation and Development (LADOTD)	
Project location	New Iberia Parish, LA		Owner's Project Manager	Brent Domingue
Owner's address, phone, email	428 Hugh Wallis Rd, Lafayette, LA 70508 / T: 337 262 6210 / E: christopher.domingue@la.gov			
Services commenced by this firm (mm/yy)	11/16	Total consultant contract cost (\$1,000's)		\$549
Services completed by this firm (mm/yy)	05/20	Cost of consultant services provided by this firm (\$1,000's)		\$504

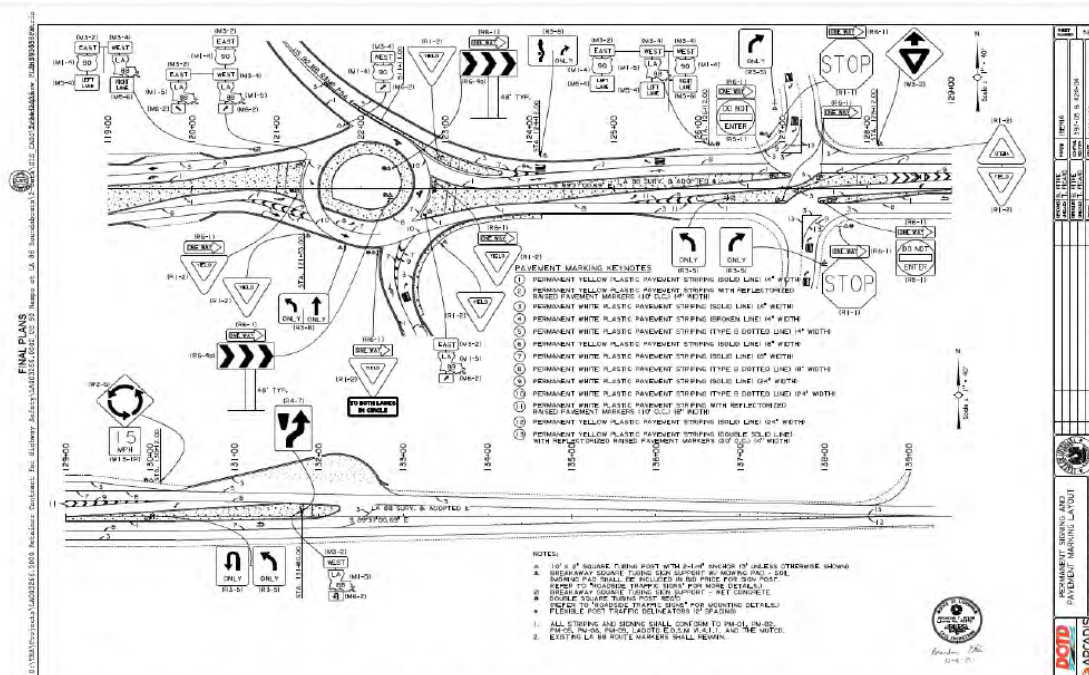
Describe the project including the firm's role and members involved. (Highlight members to be used in this proposal.)

Arcadis was tasked to prepare preliminary and final roadway plans to install two single lane roundabouts at the US 90 ramp intersection with LA 88 in Iberia Parish. The project also included modifying the LA 88/Service Road intersections to restricted crossing U-turn (RCUT) intersections. The installation of the roundabouts is aimed at promoting mobility and safety along the corridor.

Preliminary and Final Design Plans: Arcadis performed all engineering services for this task order to develop a full set of preliminary and final construction plans, including InRoads modeling of the roundabouts, as a pass-through from Aucoin & Associates under their safety design retainer contract. The design was prepared in accordance with the LADOTD Design Guidelines, Roadway Design Procedures and Details Manual and all applicable DOTD EDSMs, AASHTO and FHWA guidelines. The roundabouts were designed to accommodate a WB-67 design vehicle. Restricted crossing U-turn (RCUT) intersections were designed for the adjacent service roads to enhance safety and adhere to LADOTD's control of access policy. Both the roundabouts and RCUT intersections provide significant reductions in conflict points and expected number of crashes.


Construction Cost Estimates: Arcadis prepared engineer's construction cost estimates for the project.

Best Practice: The project team held several design review meetings throughout preliminary plan and final plan development to more closely coordinate with LADOTD District 03 and headquarters personnel prior to proceeding into subsequent design phases. The goal of this team coordination was to ensure all project team members agreed with proposed geometry prior to spending significant time proceeding into the subsequent design phases.

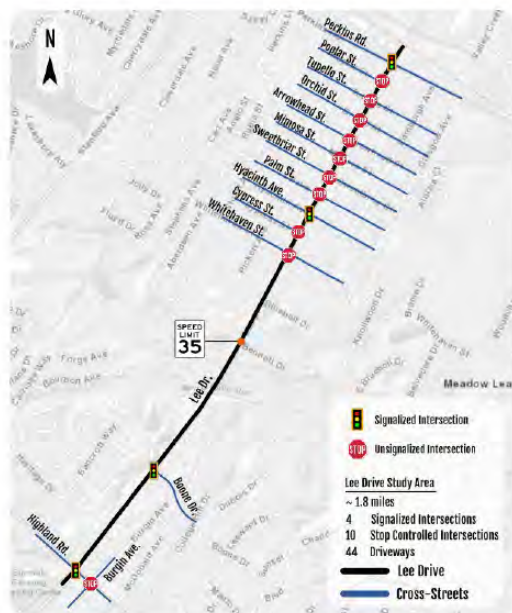


Roundabout design and signing plan at interchange ramps to enhance safety and operations

17. Firm Experience

Firm name			Past Performance Evaluation Discipline(s)*	Bridge, Road, Traffic, Env
Project name	Lee Drive (Highland Road-Perkins Road)		Firm responsibility (prime or sub?)	Prime
Project number	City-Parish Project No. 20-CP-HC-0044	Owner's name	City of Baton Rouge/ Parish of East Baton Rouge	
Project location	East Baton Rouge Parish, Louisiana		Owner's Project Manager	Justin Schexnayder
Owner's address, phone, email	8555 United Plaza Blvd., Baton Rouge, LA 70809, (225) 761-3628, justin.schexnayder@csrsinc.com			
Services commenced by this firm (mm/yy)	02/21	Total consultant contract cost (\$1,000's)		\$2,568
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$1,536

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



Firm's Role: The purpose of this project is to widen Lee Drive from a 2-lane to a 3-lane section between Highland Road and Perkins Road. Arcadis is responsible for design study and design services, which include traffic study and report, topographic survey, hydraulic and drainage analysis, preliminary and final plans preparation, signal design, bridge design, construction cost estimate, and right-of-way maps.

Design Study Report and Preliminary Design: Arcadis provided traffic engineering studies and preliminary roadway and drainage design and evaluated alignment alternatives. The work was prepared in coordination with the City of Baton Rouge and the MOVEBR Program. A preferred alternative was presented to the City of Baton Rouge based on findings from the traffic study, impacts to existing right-of-way, and a detailed construction cost analysis. Arcadis also assisted the City of Baton Rouge in obtaining public input by participating in public meetings and preparing exhibits for public display.

Final Design Plans and Cost Estimate: For the Final Design Phase, Arcadis is tasked with preparing construction roadway plans, right-of-way maps, and construction cost estimates. The Lee Drive project involves the complete reconstruction of Lee Drive from Highland Road to Perkins Road. The proposed typical section extends approximately 1.7 miles and is a three-lane urban section with a left-turn center lane. The project goal was to improve vehicular traffic capacity and connectivity to all corridor users by delivering safe and efficient

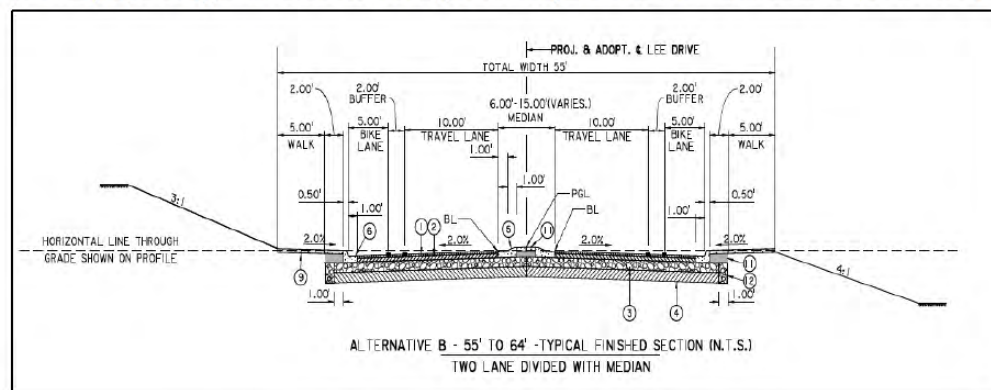



Figure: Proposed Typical Section Alternative on Lee Drive

pedestrian/bicycle facilities while maintaining neighbourhood integrity. Improvements also include sidewalks and bike lanes, traffic signal upgrades, intersection capacity and safety improvements, and access management.

The design team gave special considerations to traffic and access maintenance, constructability, utility coordination and right-of-way requirements. Ensuring proper drainage during construction and overall drainage improvements was another major factor considered for the project.

Key Personnel: Jose L. Rodriguez, Ari Deitch, and Gabriel Arias.

17. Firm Experience

Firm name			Past Performance Evaluation Discipline(s)*	Planning, Traffic, Road
Project name	New Orleans Pedestrian Stage 0 Safety Feasibility Study		Firm responsibility (prime or sub?)	Prime
Project number	H.012312.1	Owner's name	Louisiana Department of Transportation and Development (LADOTD)	
Project location	Orleans Parish, LA		Owner's Project Manager	Adriane McRae
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225 379 1950, adriane.mcrae@la.gov			
Services commenced by this firm (mm/yy)	04/16	Total consultant contract cost (\$1,000's)		\$320
Services completed by this firm (mm/yy)	09/18	Cost of consultant services provided by this firm (\$1,000's)		\$307

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

Firm's Role: LADOTD in partnership with the New Orleans Regional Planning Commission (NORPC) tasked Arcadis with completing a pedestrian safety feasibility study of 20 intersections located in Orleans Parish. NORPC identified the candidate intersections through a detailed Pedestrian Safety Action Plan (PSAP) investigation.

Stage 0 Safety Study and Documentation: The Arcadis team conducted the studies in accordance with DOTD's Stage 0: Manual of Standard Practice, and DOTD's Traffic Signal Manual. Stage 0 documentation, including Preliminary Scope and Budget and Environmental Checklists, were completed for all 20 intersections.

Needs Assessment: Arcadis evaluated 3 years of crash data to identify crash trends, overrepresented crashes, High PSI Locations, etc. Site visits were performed to document the user experience from a ped/bike perspective, assess the condition of existing infrastructure, and identify safety concerns.

Alternative Development & Preliminary Design Plans: Improvements focused on pedestrian and bicycle safety and included signal improvements, striping & signing improvements, lighting improvements, sidewalk/crosswalk improvements, curb extensions, traffic calming, ADA compliant curb ramps, and parking modifications. Improvements were segmented into short-term and long-term alternatives based on the cost and time needed to implement. Complete streets and context sensitive solutions were an important aspect of alternative development due to the historic nature of the area. Preliminary design plans, cost estimates, and benefit-costs were developed for each intersection to determine the feasibility of implementing the proposed alternatives and to inform project prioritization.

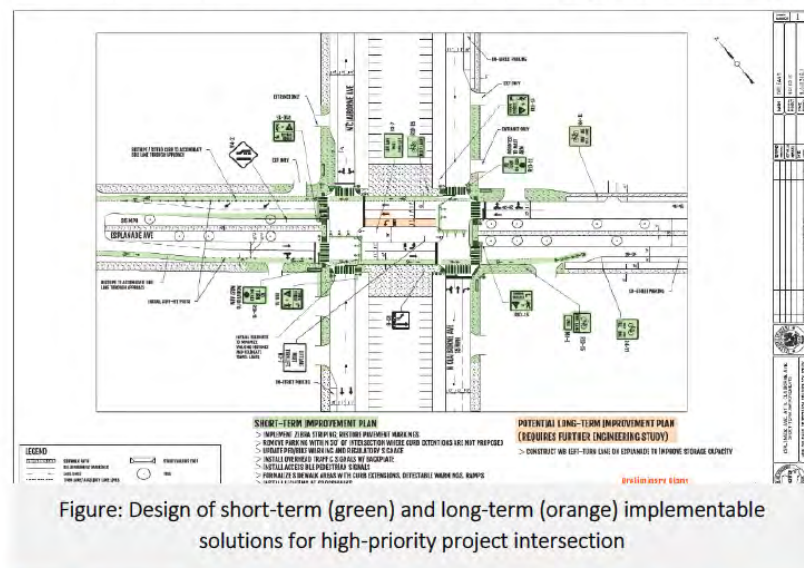


Figure: High visibility crosswalk and pedestrian refuge installed at I-10 Service Road and Read Boulevard

Key Personnel: Ari Deitch, Akhil Chauhan, Jose M. Rodriguez

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/ tgattle@huvalassoc.com				
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)			\$78K

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 / ksaleh@nola.gov				
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)			\$300K

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 / jkapisis@la.gov				
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)			\$240K

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

- ☒ Geotechnical Construction (GC)
- ☒ Constructability
- ☒ 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 Districts 03 and 07 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 may include projects such as 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 03 and 07 and its representative Parishes: TBS is currently executing several projects throughout 03 and we have completed several in Districts 03 and 07. TBS has worked closely with several Parishes in these Districts. 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 **Arcadis U.S., Inc.** and **APS Engineering and Testing, LLC**. These firms provide an excellent track record of successfully completing design, 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 Arcadis will provide roadway and bridge/structural design;**
- **TBS will provide topographic surveying, property surveying, and right-of-way mapping services;**
- **Arcadis 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' Team will leverage key strengths for successful execution of Task Orders:

- **Experienced Team:** TBS' extensive experience, as outlined in Section 16, and 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 03 and 07 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 the Minimum Design 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 will provide topographic surveying services. **The ability to conduct in-house surveying provides a distinct advantage to the TBS IDIQ team.** TBS' engineering staff works closely with our survey group, collaborating on projects throughout the state, for LADOTD and municipalities. TBS has the ability to engage multiple survey teams and engineering project managers, allowing us to 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' staff has 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 be used during the field survey and throughout the project. Following

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, III, 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
Akhil Chauhan (Arcadis): 44-25921 IDIQ TSMO Program
Ari Deitch (Arcadis): 44-23689 & 44-23690 Safety Studies IDIQ
Sergio Aviles, PE (APS): 44-24653 IDIQ Contract for Geotechnical Services Statewide

18. Approach and Methodology

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' Environmental Group will oversee all permit drawing preparation for incorporation into DOTD's permit applications or environmental clearance processes.

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 Arcadis 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, Arcadis, 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

Property Survey & RW Maps | Should the project require right-of-way acquisition, **TBS can provide property surveys and right-of-way mapping in-house.** These right-of-way mapping services will 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.

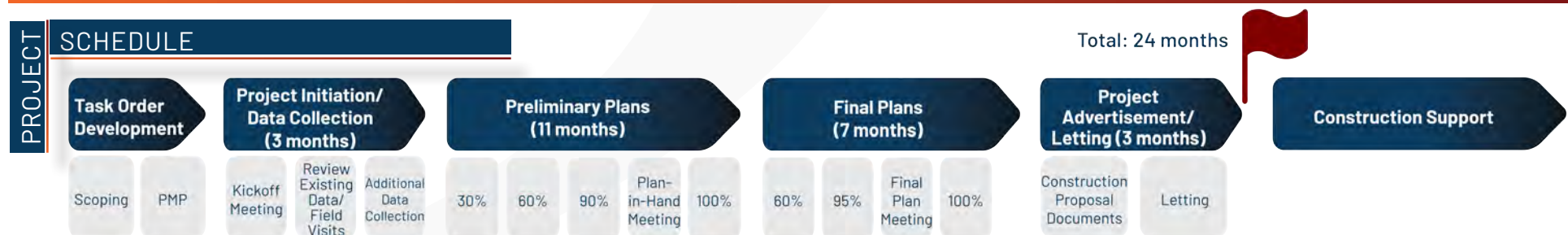
Following the identification of the design limits of construction and the required right-of-way lines developed in the 60% Preliminary Plan submittal, TBS' surveying group will prepare the 60% Base Right-of-Way Maps in accordance with Addendum "A". Check Prints and Final Maps will be prepared in successive 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 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 1183: Turner Canal Bridge
S.P. No. H.013948
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	4400021325 / H.015193.1	LA 22: Tchefuncte Bridge Feasibility / St. Tammany Parish	\$15,434
	CE&I/OV	4400025046 / H.013710.6	I-10: US 61 to LaPlace ITS Deployment (CE&I) / Ascension, St. James and St. John the Baptist Parishes	\$5,170
		4400025665 / H.013482.6	I-10 WBR Queue Warning System / Iberville and West Baton Rouge Parishes	\$293,204
	Data Collection	4400021325 / H.012837.5	I-10 New Orleans Master Plan / Orleans Parish	\$193,840
	Environmental	4400009703 / H.000688.2	US 11 Norfolk Southern Railroad / St. Tammany Parish	\$3,008
		4400007175 / H.011328.2	I-49 South (Ricohoc to Berwick) / St. Mary Parish	\$1,230,835
		H.009932	US 80 Widening: Vancil Road to Well Road EA / Ouachita Parish	\$5,343
		4400019338 (Multiple State Project Nos.)	Rural Bridge Replacement Initiative Phase II / Statewide	\$70,579
	ITS	4400016811 / H.013868.5	ITS Program Management and Operations / Statewide	\$131
		4400016811 / H.013868.6 (B)	ITS Responsive/Emergency Maintenance Engineering and Inspection (ME&I) / Statewide	\$26,667
		4400016811 / H.013868.6 (A)	ITS Routine Maintenance Engineering and Inspection (ME&I) / Statewide	\$17,136
		4400016811 / H.013868.5	ITS MGMT, OPERATIONS, & MAINT / Statewide	\$870,770
		4400016811 / H.013868.6 (B)	ITS MGMT, OPERATIONS, & MAINT / Statewide	\$197,274
		4400016811 / H.013868.6 (A)	ITS MGMT, OPERATIONS, & MAINT / Statewide	\$681,936
		4400025921 / H.015938.1	Transportation Systems Management and Operations (TSMO) Program / Statewide	\$361,164
		4400023812 / H.015377.5	Task Order No. 1 (Weigh Station Assessment)	\$454,079

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**
	Road	4400025022 (Multiple State Project Nos.)	IJJA Off System Bridge Program / Statewide	\$396,788
		4400024084 / H.009300.5	CMAR Contract for Hooper Road Widening (LA 3034 – LA 37)	\$12,608
		4400027361 / H.011220.6, H.012901.6, H.010634.6	US 90 Engineering Support / Jefferson and Orleans Parishes	\$264,301
		4400019010 / H.010116.5	LA 1088: Soult and Trinity Roundabouts	\$33,307
		4400016923 / H.012901.6, H.010634.6	US 90Z (Bodenger Blvd. – Stumpf Blvd.) / Jefferson and Orleans Parishes	\$198,037
		4400018646 / H.004100.5 and H.004100.6	I-10: LA 415 to Essen Lane on I-10 and I-12 / East and West Baton Rouge Parishes	\$3,661,897
	Traffic	4400018646 / H.004100.5	I-10: LA 415 to Essen Lane on I-10 and I-12 / East and West Baton Rouge Parishes	\$904,512
		4400024307 / H.015052	I-20: Widening/Ovrly (Vancil Rd-LA 34) / Ouachita Parish	\$154,043
		4400019379 / H.013797	LA 30: EBR PL – I-10 / East Baton Rouge, Iberville and Ascension Parishes	\$232,048
	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		COMMERCIAL DIVISION 225.925.4704	
		Fax Numbers 225.932.5317 (Admin. Services) 225.932.5314 (Corporations) 225.932.5318 (UCC)	
Name	Type	City	Status
T. BAKER SMITH, LLC	Limited Liability Company	HOUMA	Active
Previous Names			
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)			
Business: T. BAKER SMITH, LLC			
Charter Number: 26901340K			
Registration Date: 1/7/1965			
Domicile Address			
412 SOUTH VAN AVENUE			
HOUMA, LA 70363			
Mailing Address			
P.O. BOX 2266			
HOUMA, LA 70361			
Status			
Status: Active			
Annual Report Status: In Good Standing			
File Date: 1/7/1965			
Last Report Filed: 12/11/2023			
Type: Limited Liability Company			
Registered Agent(s)			
Agent: KENNETH W. SMITH			
Address 1: 412 SOUTH VAN AVENUE			
City, State, Zip: HOUMA, LA 70363			
Appointment Date: 10/29/2001			
Officer(s)			
Officer: KENNETH W. SMITH			
Title: Manager			
Address 1: 412 SOUTH VAN AVENUE			
City, State, Zip: HOUMA, LA 70363			

20. Certifications/Licenses



<p>State of Louisiana Secretary of State</p> 		<p>COMMERCIAL DIVISION 225.925.4704</p> <p>Fax Numbers 225.932.5317 (Admin. Services) 225.932.5314 (Corporations) 225.932.5318 (UCC)</p>	
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Name	Type	City	Status
ARCADIS U.S., INC.	Business Corporation (Non-Louisiana)	WILMINGTON	Active

Previous Names

ARCADIS G&M, INC. (Changed: 1/4/2007)

ARCADIS GERAGHTY & MILLER, INC. (Changed: 6/12/2001)

Business: ARCADIS U.S., INC.

Charter Number: 34610353F

Registration Date: 2/5/1998

Domicile Address

222 DELAWARE AVENUE, SUITE 1110
WILMINGTON, DE 19801

Mailing Address

C/O LEGAL DEPT.
110 WEST FAYETTE ST., SUITE 300
SYRACUSE, NY 13202

Principal Business Office

630 PLAZA DR., SUITE 200
HIGHLANDS RANCH, CO 80129

Registered Office in Louisiana

3867 PLAZA TOWER DR.
BATON ROUGE, LA 70816

Principal Business Establishment in Louisiana

10352 PLAZA AMERICANA DR.
BATON ROUGE, LA 70816

Status

Status: Active

Annual Report Status: In Good Standing

Qualified: 2/5/1998

Last Report Filed: 1/23/2024

Type: Business Corporation (Non-Louisiana)

Registered Agent(s)

Agent: C T CORPORATION SYSTEM

Address 1: 3867 PLAZA TOWER DR.

City, State, Zip: BATON ROUGE, LA 70816

Appointment Date: 2/5/1998

Officer(s) Additional Officers: No

Officer: WASSIM SELMAN

Title: Director

Address 1: 2839 PACES FERRY ROAD, STE 900

City, State, Zip: ATLANTA, GA 30339

Officer: KIMBERLY LASNICKI

Title: Officer

Address 1: 110 WEST FAYETTE ST., SUITE 300

City, State, Zip: SYRACUSE, NY 13202

Officer: JOHN MCCARTHY

Title: Director, President

Address 1: 44 SOUTH BRODWAY, SUITE 1200

City, State, Zip: WHITE PLAINS, NY 10601

Officer: BROOKE BONKOSKI

Title: Director

Address 1: 830 NE HOLLADAY STREET

City, State, Zip: PORTLAND, OR 97232

Officer: NILESH PARMAR

Title: Director

Address 1: 4301 NORTH FAIRFAX DRIVE, SUITE 530

City, State, Zip: ARLINGTON, VA 22203

Officer: JESSICA NEWTON

Title: Treasurer

Address 1: 630 PLAZA DRIVE, SUITE 200

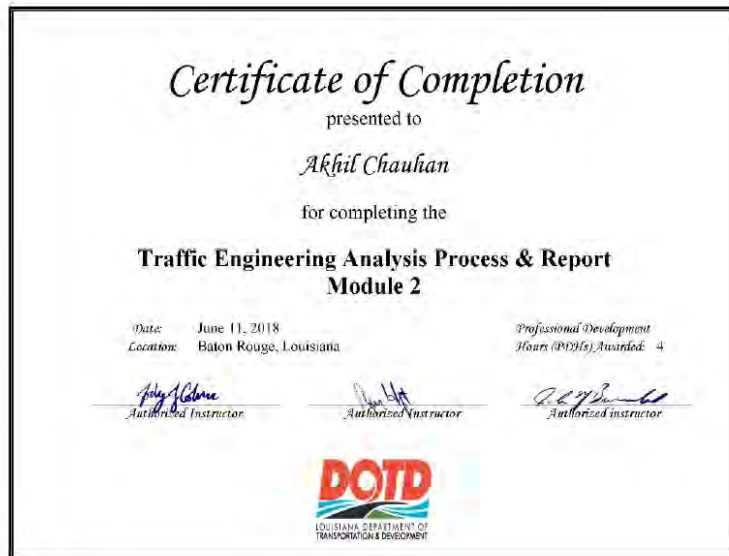
City, State, Zip: HIGHLANDS RANCH, CO 80129

Officer: ROBYN MILLER

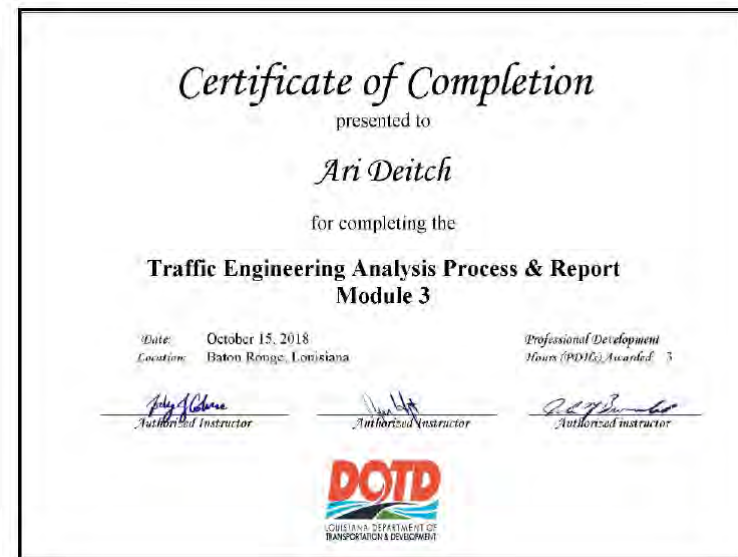
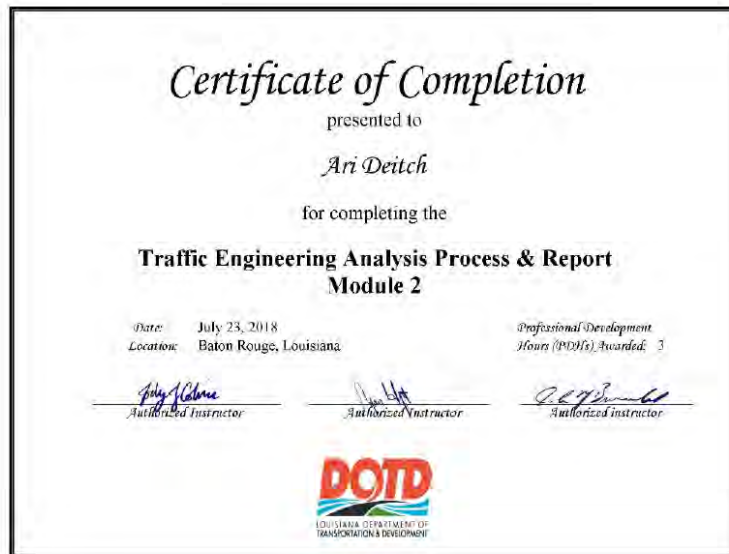
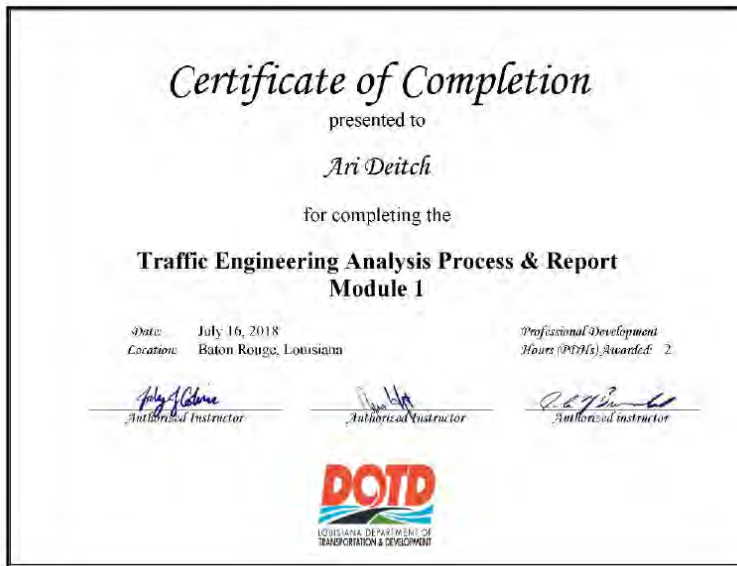
Title: Secretary

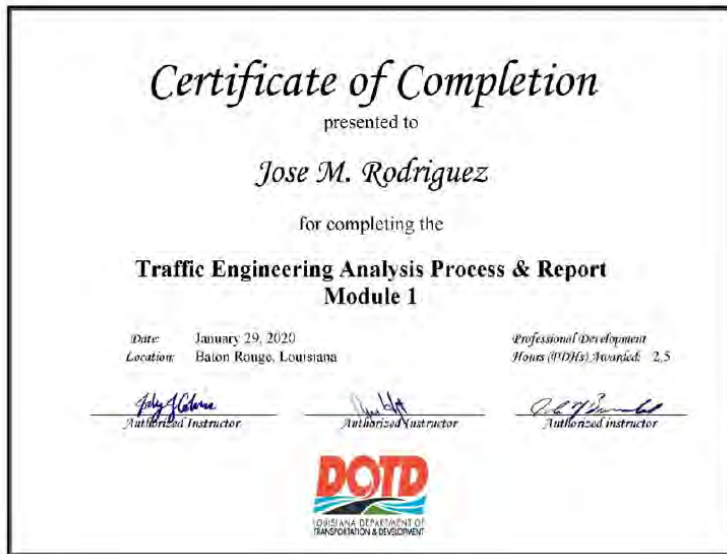
Address 1: 333 HOPE STREET, SUITE C-200

City, State, Zip: LOS ANGELES, CA 90071



20. Certifications/Licenses





Certificate of Completion

presented to

Max Aguirre


for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: January 29, 2020
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 2.5


Authorized Instructor


Authorized Instructor


Authorized Instructor



Certificate of Completion

presented to

Max Aguirre

for completing the


Traffic Engineering Analysis Process & Report Module 2

Date: January 29, 2020
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3.5


Authorized Instructor


Authorized Instructor


Authorized Instructor



Certificate of Completion

presented to

Max Aguirre


for completing the


Traffic Engineering Analysis Process & Report Module 3

Date: January 30, 2020
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3.5

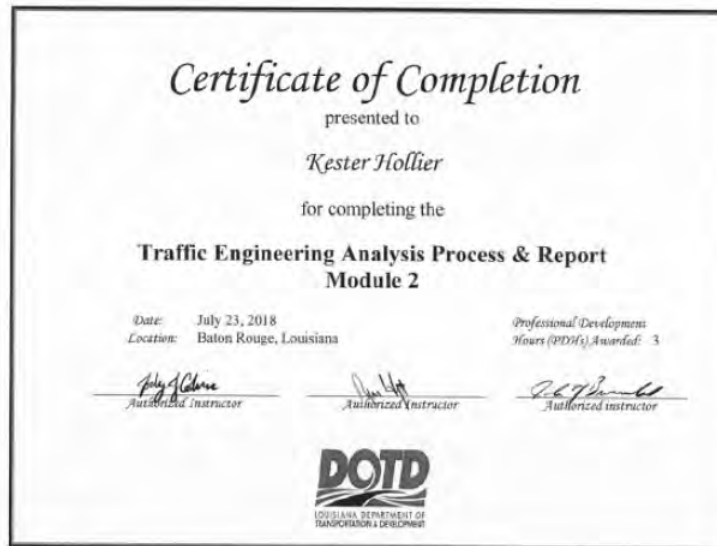
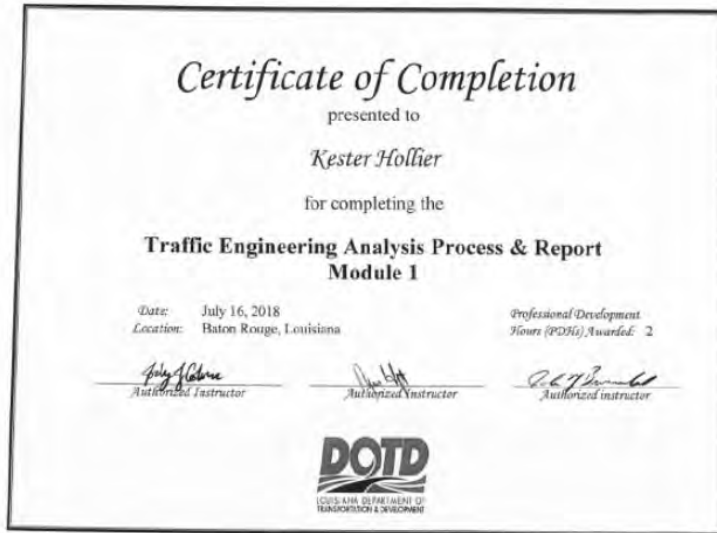

Authorized Instructor


Authorized Instructor


Authorized Instructor




20. Certifications/Licenses



20. Certifications/Licenses



State of Louisiana Secretary of State 		COMMERCIAL DIVISION 225.925.4704 Fax Numbers 225.932.5317 (Admin. Services) 225.932.5314 (Corporations) 225.932.5318 (UCC)	
Name	Type	City	Status
APS ENGINEERING AND TESTING, LLC	Limited Liability Company	BATON ROUGE	Active
Previous Names			
Business: APS ENGINEERING AND TESTING, LLC			
Charter Number: 40911984K			
Registration Date: 8/9/2012			
Domicile Address			
1645 NICHOLSON DR			
BATON ROUGE, LA 70802			
Mailing Address			
5261 HIGHLAND RD. #320			
BATON ROUGE, LA 70808			
Status			
Status: Active			
Annual Report Status: In Good Standing			
File Date: 8/9/2012			
Last Report Filed: 7/16/2024			
Type: Limited Liability Company			
Registered Agent(s)			
Agent: SERGIO AVILES			
Address 1: 5261 HIGHLAND RD. #320			
City, State, Zip: BATON ROUGE, LA 70808			
Appointment Date: 6/25/2018			
Officer(s)			
Officer: SERGIO AVILES			
Title: Member			
Address 1: 5261 HIGHLAND RD. #320			
City, State, Zip: BATON ROUGE, LA 70808			

Additional Officers: No

20. Certifications/Licenses



22. Sub-consultant information

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)	Address	Point of Contact and email address	Phone Number
ARCADIS U.S., INC.	6100 Corporate Blvd., Suite 325 Baton Rouge, LA 70808	Akhil Chauhan, PE, PTOE, PTP, PMP Akhil.chauhan@arcadis.com	225.368.6563
APS ENGINEERING AND TESTING, LLC	1645 Nicholson Drive Baton Rouge, LA 70802	Sergio Aviles sergio@aps-testing.com	225.456.5714

23. Location