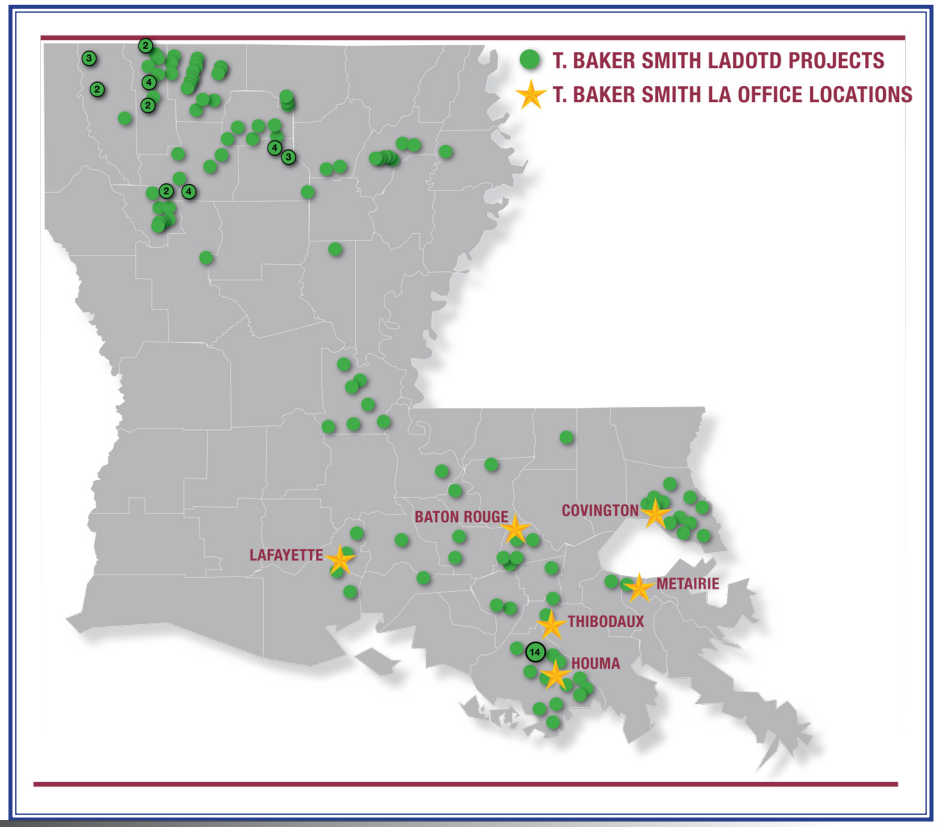
IDIQ CONTRACT FOR ROADWAY DESIGN SERVICES STATEWIDE

Contract Nos. 44-24927 & 44-24928

OCTOBER 04, 2022

T. BAKER SMITH, LLC
A CENTURY OF SOLUTIONS



T. BAKER SMITH
A CENTURY OF SOLUTIONS
17927 Old Jefferson Hwy
Prairieville, LA 70769

October 04, 2022

RE: IDIQ Contract for Roadway Design Services
Contract Numbers 44-24927 & 44-24928

Dear Sir or Madam,

Enclosed is T. Baker Smith's proposal for your review and consideration with regard to the above-referenced request for proposal to provide professional services in engineering and design, H&H Modeling, and SUE services to the Department of Transportation and Development. TBS currently has approximately 280 staff members firm-wide including civil, structural, mechanical, coastal, and environmental engineers, land surveyors, planners, environmental scientists, biologists, construction administrators, and project representatives. Our professional engineering services include planning and landscape architecture; civil, structural, mechanical, environmental, and coastal engineering; and construction engineering and inspection. Licensed to work across the state, our professional engineers are ready and equipped to work on meaningful projects that improve our way of life.

We thank you for putting your trust in TBS and look forward to continuing to provide these services to you for the continual efforts of our communities.

Sincerely,

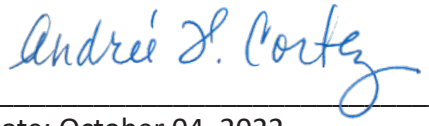
Andree F. Cortez, PE, PMP | Chief Operations Officer
985.493.2938 | Andree.Cortez@tbsmith.com

DOTD FORM: 24-102 (Revised March 1, 2022)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.
ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE DOTD FORM 24-102, MAY BE CONSIDERED NON-RESPONSIVE.
Prime consultant should enter the firm name in the footer at the bottom of this page. (It will carry over to subsequent pages.)

1. Contract title as shown in the advertisement	**IDIQ CONTRACT FOR ROADWAY DESIGN SERVICES STATEWIDE**
2. Contract number(s) as shown in the advertisement	44-24927 & 44-24928
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	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	17927 Old Jefferson Hwy Prairieville, LA 70769
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	17927 Old Jefferson Hwy Prairieville, LA 70769
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Paul Olivier, PE | Lead Professional 985.493.2936 | Paul.Olivier@tbsmith.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Andrée F. Cortez 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.	Signature (shall be the same person as #9):  Date: October 04, 2022
11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.	Firm(s): **Vectura Consulting Services, LLC** Firm(s)' %: **15%**

12. Past Performance Evaluation Discipline Table:

Evaluation Discipline(s)	% of Overall Contract	T. Baker Smith (Prime)	Vectura (DBE)	Each Discipline must total 100%
Survey	**10%**	**100%**		**100%**
Traffic	**15%**	**0%**	**100%**	**100%**
Road	**75%**	**100%**		**100%**

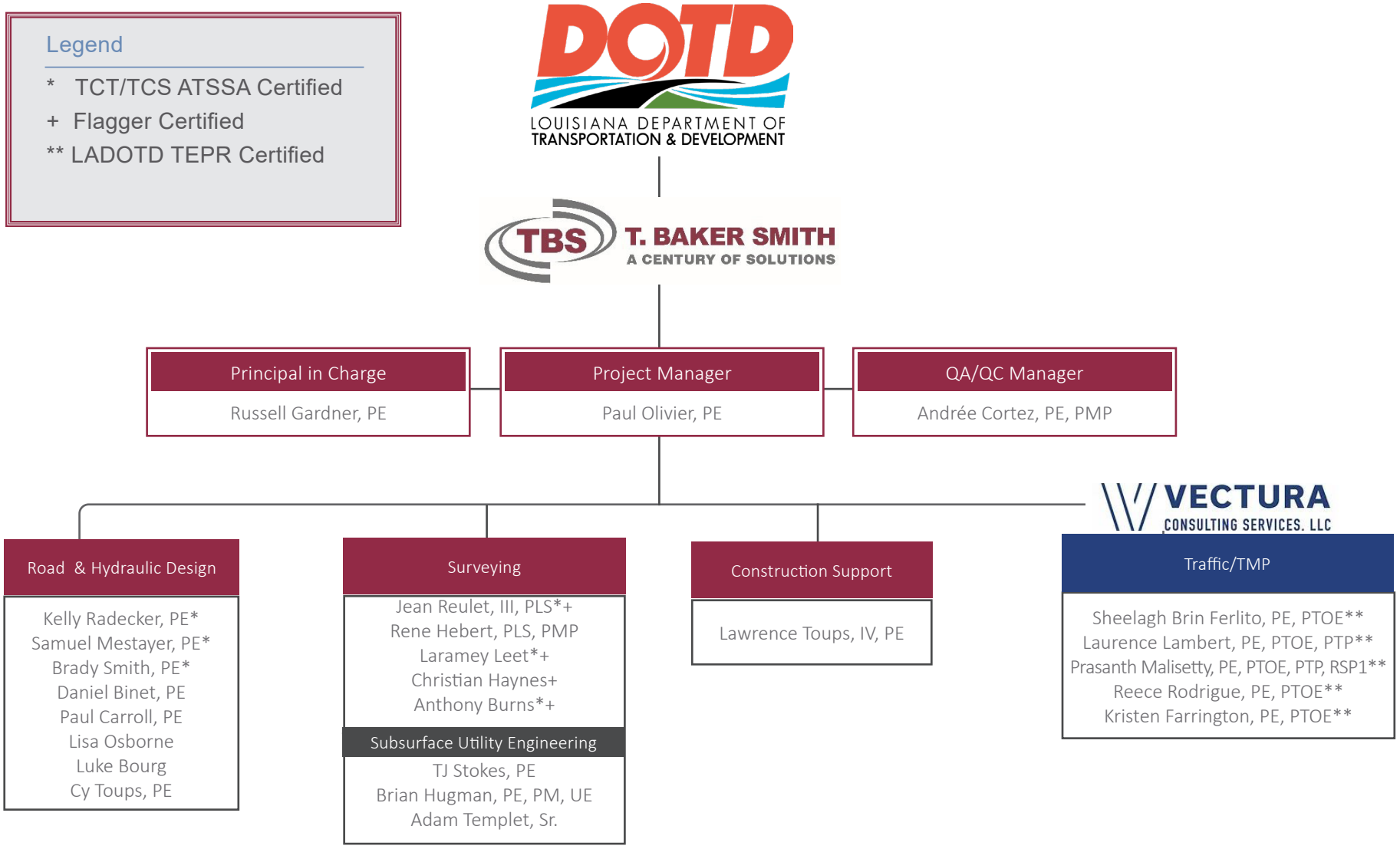
Identify the percentage of work for the **overall contract** to be performed by the prime consultant and each sub-consultant.

Percent of Contract	**100%**	**85%**	**15%**	

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)
T. BAKER SMITH A CENTURY OF SOLUTIONS	Principal	1	7
	Supervisor ENG	2	4
	Supervisor Other	2	27
	Engineer	6	22
	Engineer Intern	4	5
	Environmental Manager	1	3
	Surveyor	3	6
	Senior Technician	2	18
	CADD Technician	2	19
	CADD Drafter	1	14
	Party Chief	2	32
	Instrument Man	2	16
	Rodman	2	8
	Administrative	3	11
VECTURA CONSULTING SERVICES, LLC	Supervisor - ENG	2	2
	Engineer	3	5

14. Organizational Chart:



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 / certification & number	State of license	License / certification expiration date
1	Andrée Cortez, PE, PMP	T. BAKER SMITH A CENTURY OF SOLUTIONS	Registered PE-31523 | 22 years	LA	03/31/2024
2	Andrée Cortez, PE, PMP	T. BAKER SMITH A CENTURY OF SOLUTIONS	Registered PE-31523 | 22 years	LA	03/31/2024
3	Andrée Cortez, PE, PMP Paul Olivier, PE	T. BAKER SMITH A CENTURY OF SOLUTIONS	Registered PE-31523 | 22 years Registered PE-39967 | 12 years	LA LA	03/31/2024 03/31/2024
4	Jean Reulet, PLS Rene Hebert, PLS, PMP	T. BAKER SMITH A CENTURY OF SOLUTIONS	Registered PLS-5145 | 14 years Registered PLS-5070 | 11 years	LA LA	03/31/2024 03/31/2024
5	Sheelagh Brin Ferlito, PE, PTOE Laurence Lambert, PE, PTOE, PTP	VECTURA CONSULTING SERVICES, LLC	Registered PE.0025383 Registered PE.0029901	LA LA	9/30/2023 3/31/2024

16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**			
Name	**Paul Olivier, PE**	Years of relevant experience with this employer	**12**
Title	**Lead Professional, Transportation**	Years of relevant experience with other employer(s)	**0**

Degree(s) / Years / Specialization			**Bachelor of Science / 2010 / Civil Engineering**
Active registration number / state / expiration date			**39967 / Louisiana / 3/31/2024**
Year registered	**2015**	Discipline	**Civil**
Contract role(s) / brief description of responsibilities			**Paul Olivier fulfills MPRs No. 3 and will serve as the Overall 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 time specified in the applicable MPR(s).
	Paul Olivier serves as the Lead Professional for all Transportation related services provided by T. Baker Smith. He also serves as a Project Manager and Supervising Engineer over a team of Professional Engineers, Engineer Interns and CADD Technicians responsible for the design and development of plans, specifications and cost estimates for several roadway and bridge projects. Paul served as a Project Engineer and Project Manager for 8 years prior to becoming the Transportation Lead Professional, and aside from plan design and preparation, he has experience in project scoping, man hour estimates, construction support, and technical specification writing. Paul also has previous experience serving as a Survey Party Chief and regularly provides oversight of the preparation of field packs, crew coordination, and review of topographic survey deliverables and R/W Maps. He has played an integral role in the design and plan production aspects of TBS' LADOTD projects since 2010, and is experienced in Microstation, Inroads, CadConfrom, and all DOTD HYDR Software Programs.
09/16 – Ongoing	**S.P. No. H.011152, I-12 Widening (US 190 to LA 59), LADOTD, St. Tammany Parish, LA –** Lead Roadway Design Engineer and Project Manager. Lead engineer of several roadway design elements such has H&V alignments, construction phasing, hydraulics, striping and signing, mainline and ramp geometrics and graphical grades. Also responsible for the oversight of all inroads modeling and quantity take-offs. Currently serving as the Project Manager and is responsible for the oversight of Construction Support Services including reviewing and responding to contractor RFI's, Submittals and Shop Drawings.
01/14 – Ongoing	**S.P. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), LADOTD, St. Tammany Parish, LA –** Project Engineer/Project Manager. Lead roadway design engineer, responsible for developing roadway geometrics including H&V alignment, cross sectional elements, R-Cut and Median U-Turn design and construction phasing for a new 5.5 mile, four lane, divided median Rural Arterial Roadway from LA 435 to Bush, LA. Provided supervision and quality control of Drainage Analysis and Design of all roadside ditches, side drain pipes and major cross drain pipes including 4 reinforced concrete box culvert crossing locations. Also responsible for oversight of Construction Support Services including reviewing and responding to Contractor RFI's and Submittals.
02/20 – Ongoing	**S.P. H.012812 US 190 at Northshore and Camp Villere, LADOTD, St. Tammany Parish, LA –** Project Manager. Supervising Engineer of the design and plan preparation of a multi lane roundabout at the intersection of US 190 and Northshore Blvd and a single lane roundabout at the intersection of US 190 and Camp Villere Rd. Provided quality control of several design elements including H&V alignments, drainage design, striping/signing, sequence of construction, roadway geometrics, autoturn movements, typical sections and all inroads modeling and required r/w takings. Provided environmental support by creation of documents and exhibits to be utilized for Public Meetings. Provided all supporting project documentation including Cost Estimates and Design Report Forms.
08/17 – Ongoing	**S.P. No. H.013116, LA 20 Widening: LA 307 to S. Vacherie, LADOTD, St. James & Lafourche Parishes, LA –** Project Manager/Engineer of Record. Lead roadway design engineer for the asymmetrical widening of 2.7 miles of LA 20 to add 8' shoulders near Vacherie, LA. Responsible for H&V geometry, drainage design, cross sectional roadway elements, utility coordination and conflict matrices, and oversight of the inroads modeling and plan production. Performed Quality Control of the design and plans of a five-span structure using split phased construction sequencing. Responsible for coordination with LADOTD in ensuring a property tie in to an ongoing State Project along the same route. Also responsible for quality control of all project pay items, quantity take-offs and cost estimation.

16. Staff Experience:

10/14 – 12/17	**07-EXT-22, Bayou Gardens Blvd. Extension: LA 660 to LA 316, Terrebonne Parish Consolidated Government, Terrebonne Parish, LA –** Project Engineer. Prepared survey field packs, coordinated with field crews, provided site reconnaissance, and reviewed survey deliverables. Also performed roadway design including drainage, geometrics, subsurface drainage, left turn lane widening, Traffic Management Plans and utility relocation. Responsible for compiling all project pay items, quantities and cost estimates for a new, 1.6 mile, four-lane roadway extension (Urban Arterial) connecting state routes LA 660 and LA 316. Assisted in the preparation of bidding documents including drafting special provisions to the DOTD Standard Specifications and creation of a project sampling plan. Also provided Construction Support services including shot drawing review, asphalt mix designs, and reviewing and responding to Contractor RFIs.
09/18 – Ongoing	**S.P. No. H.001344, US 190: LA 437 to US 190 BUS (Ph. 1), LADOTD, St. Tammany Parish, LA –** Project Manager/Engineer of Record. Lead Design engineer responsible for the widening of 0.9 miles of US 190 from LA 437 to US 190 (Bus.). Oversaw the design of elements including H&V alignments, superelevation design, roadway geometrics, Pier Protection and striping and signing of a 5 lane, raised, divided median, urban arterial roadway in Covington, LA. Provided Quality Control of the Bridge Plans, Hydraulic Design, project pay items, quantity take-offs, and cost estimates.
09/18 – 01/20	**MA-18-07, Braud Rd. & Germany Rd. Roundabout, Ascension Parish Government, Ascension Parish, LA –** Project Manager/Engineer of Record. Lead design of all roadway design elements including single lane roundabout design, horizontal and vertical geometry, drainage design, oversight of plan production for preliminary and final plans, and utility conflict matrices. Also coordinated with geotechnical and roadway lighting sub-consultants and oversaw the production of the Right-of-Way Maps.
07/20 – 06/22	**Contract No. 4400017598, Rural Bridge Replacement Initiative (Phase 1), LADOTD, Districts 04, 05, 08, and 58 –** Project Manager. Managed and oversaw the design and plan preparation of 47 bridge replacements (15 State Projects) throughout Central and North Louisiana. Provided Quality Control of all Preliminary and Final Design and Plan Elements, Cost Estimates, Design Report Forms, Design Waivers and Design Exceptions for all bridges. Coordinated with Surveyors, Environmental Support and Geotechnical Engineers to ensure satisfactory topographic surveys, R/W Maps, CE Documents, Wetland Reports, SOV Packages and Geotechnical Reports were provided to LADOTD to meet tight deadlines for project delivery.
05/21 – Ongoing	**Contract No. 4400019336, Rural Bridge Replacement Initiative (Phase 2), LADOTD, Districts 04 and 05 –** Project Manager. Managed and oversaw the design and plan preparation of 40 bridge replacements (12 State Projects) throughout North Louisiana. Provided Quality Control of all Preliminary Design and Plan Elements, Cost Estimates, Design Report Forms, Design Waivers and Design Exceptions for all bridges. Coordinated with Surveyors, Environmental Support and Geotechnical Engineers to ensure satisfactory topographic surveys, R/W Maps, CE Documents, Wetland Reports, SOV Packages and Geotechnical Reports were provided to LADOTD to meet tight deadlines for project delivery.
09/18 – 08/20	**MA-17-01, Roddy Road Widening (LA 935 to LA 621), Ascension Parish Government, Ascension Parish, LA –** Project Manager. Supervising Engineer for the reconstruction of a 2-lane, Urban Collector in Gonzales, LA. Responsible for the oversight of all roadway and bridge design elements including H&V alignments, urban drainage design, Typical Sections, Intersection Design, and Striping and Signing among others. Responsible for oversight of all Cost Estimate and Design Report Forms and provided bidding assistance and construction support for a separate Clearing and Grubbing Package that was let by Ascension Parish prior to completion of the roadway plans.
09/18 – 08/19	**S.P. No. H.003790, LA 930: LA 929 to LA 42, Ascension Parish Government, Ascension Parish, LA –** Project Manager. Responsible for all roadway design elements including typical sections, horizontal and vertical geometry, intersection design, traffic management plans, drainage design, preparation and plan production for roadway plans. Prepared clearing and grubbing plans as part of separated project deliverables, value engineering and re-design of roadway design for mitigation of major utility conflicts.
12/14 – 03/18	**S.P. H.004932, I-49 South @ LA 318 Interchange, LADOTD, St. Mary Parish, LA –** Project Engineer. Assisted with D-B Proposal preparation and Value Engineering assessment, roadway design including geometrics, H&V alignment, hydraulic design including SDP, SD, CDP and open ditches, intersection layout and design, striping/signing, TMP coordination for the new interchange including nearly three miles of Rural Collector classification frontage roads on new alignment.

16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**			
Name	**Kelly Radecker, PE**	Years of relevant experience with this employer	**3**
Title	**Project Engineer**	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			**43919 / Louisiana / 3/31/2024**
Year registered	**2019**	Discipline	**Civil**
Contract role(s) / brief description of responsibilities			**Kelly Radecker will serve as a project engineer on the roadway/hydraulic design team.**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
Kelly Radecker serves as project engineer for projects that include roadway design, hydrologic and hydraulic analysis. She assists in these aspects for a variety of TBS' LADOTD projects including, new high-speed rural corridors, roadway widening, reconstruction, roundabouts and off-system bridges. She is experienced with AASHTO geometric and roadside design guides, LADOTD plan production, SignCAD, AutoCAD, Microstation, InRoads, Torus, AutoTURN, and CADConform. Kelly is currently the lead design engineer and Engineer of Record of several ongoing project with LADOTD including several bridge replacement projects, LADOTD HYDR Programs, HEC-RAS and two roundabouts along US 190 in Slidell, LA.	
06/19 – Ongoing	**S.P. H.012812 US 190 at Northshore and Camp Villere, LADOTD, St. Tammany Parish, LA –** Project Engineer/ Engineer of Record. Lead roadway engineer for the design and plan preparation of a multi-lane roundabout at the intersection of US 190 and Northshore Blvd. and a single lane roundabout at the intersection of US 190 and Camp Villlere. Responsible for the design of several roadway elements including the H&V alignments, roundabout geometrics, autotracking movements, typical sections, sequence of construction, pay item compilation and quantity take-offs. 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. Also coordinated with sub-consultants and provided quality control of design elements performed by the sub-consultant including temporary traffic signal design and roadway striping and signing sheets. Kelly was also responsible for hydraulic design/analysis and plan preparation of all cross drain, storm drain, and side drain pipes, including 2-54" SDP's and 3-5'5' RCB's. All hydraulic calculation were performed using DOTD's HYDR program and a width of flooding spreadsheet for inlet spacing.
06/19 – Ongoing	**S.P. No. H.011152, I-12 (US 190 to LA 59), LADOTD, St. Tammany Parish, LA –** Engineering Support. Assisted with roadway design plan production. Developed highway signing design plans including ground mounted Sign Support locations, guardrail locations, and overhead sign support footing locations. Developed sign shop drawings using SignCAD, clearance diagrams for overhead signs, and Engineering Record of Decision documents. Kelly provides construction support in the form of reviewing Contractor Submittals and RFI's, specifically as they pertain to roadside and overhead signage.
09/17 – 05/19 Previous Employer	**S.P. No. H.012393, LA 98: Roundabout at Mills Street –** Engineering Support. Assisted in the design and plan preparation of a single lane roundabout at the intersection of LA 98 and Mills St. in Lafayette Parish. Responsible for the design of H&V alignments, roundabout geometrics, autoturn movements, typical pavement sections, construction sequencing and quantity take-offs. Also assisted in the creation of plan sheets and design documentation.
03/17 – 03/18 Previous Employer	**S.P. H.011314, LA 22: Near I-10 Geometric Improv., LADOTD, Ascension Parish, LA –** Engineering Support. Provided assistance for the design and plan preparation of a single lane roundabout at the intersection of LA 70 and LA 22 in Ascension Parish. Assisted in the design of the roundabout geometrics and autoturning movements. Also assisted in the geometric and plan and profile sheets, as well as the development of project pay items, summary sheets, quantity take-offs and cost estimates.

16. Staff Experience:

07/20 – 06/22	**Contract No. 4400017598, Rural Bridge Replacement Initiative (Phase 1), LADOTD, Districts 04, 05, 08, and 58 –** Engineer of Record. Lead Engineer for the design and plan production of 10 bridge replacements (4 state projects) throughout Central and North Louisiana.Prior to design, conducted project site visits, compiled survey field packs and survey request forms, and reviewed topographic survey deliverables. Responsible for the development of all road and bridge design elements including H&V alignments, bridge hydraulic design, roadway cross sectional elements, guardrail calculations, geometrical layouts, summary sheets and cost estimates. Delineated the drainage basins for several sites, determined the peak discharge at each bridge site utilizing HYDR1130, and ran the hydraulics model through GEO-HECRAS to determine design water surface elevations, velocities, backwater, and flow area. Produced Final Hydraulic Reports and Scour Memorandum for several sites. Reviewed and assisted in the submission of all Environmental and Right-of-Way related deliverables including Wetland Delineations, SOV Packages, Categorical Exlusion Documents, Permit applications and Preliminary and Final R/W Maps. Also responsible for the development of all additional project documentation including Design Report Forms, Bridge and Hydraulic Design Criteria, Design Exceptions and Design Waivers.
05/21 – Ongoing	**Contract No. 4400019336, Rural Bridge Replacement Initiative (Phase 2), LADOTD, Districts 04 and 05 –** Engineer of Record. Lead Engineer for the design and plan production of 9 bridge replacements (1 state project) throughout North Louisiana. Prior to design, conducted project site visits, compiled survey field packs and survey request forms, and reviewed topographic survey deliverables. Responsible for the development of all road and bridge design elements including H&V alignments, bridge hydraulic design, roadway cross sectional elements, guardrail calculations, geometrical layouts, summary sheets and cost estimates. Delineated the drainage basins for several sites, determined the peak discharge at each bridge site utilizing HYDR1130, and ran the hydraulics model through GEO-HECRAS to determine design water surface elevations, velocities, backwater, and flow area. Produced Final Hydraulic Reports and Scour Memorandum for several sites. Reviewed and assisted in the submission of all Environmental and Right-of-Way related deliverables including Wetland Delineations, SOV Packages, Categorical Exlusion Documents, Permit applications and Preliminary and Final R/W Maps. Also responsible for the development of all additional project documentation including Design Report Forms, Bridge and Hydraulic Design Criteria, Design Exceptions and Design Waivers.
05/19 – 06/21	**S.P. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), LADOTD, St. Tammany Parish, LA –** Engineering Support. Assisted in roadway design and plan production. Performed quality control of inroads modeling and assisted in quantity take-off calculations. Reviewed roadway design plan sheets including Typical Section, Plan & Profile Sheets, and Geometric Layout Sheets. Also performed quality control of R/W Maps to ensure concurrence with Construction Plans.
01/16 – 05/19 Previous Employer	**S.P. No. H.001661, Bayou Black Bridge, LADOTD, Caddo Parish, LA –** Engineering Support. Provided design and plan preparation assistance for the development of plans for the replacement of the existing bridge on LA 530 in Caddo Parish with a new Precast, Prestressed, Concrete Girder Bridge. Designed H&V alignments, intersection geometrics improvements, autoturning movements, typical sections and sequence of construction. Also responsible for the development of project pay items, quantities and cost estimates.
01/16 – 04/19 Previous Employer	**S.P. No. H.000118, Bayou Fife Bridge, LADOTD, Bossier Parish, LA –** Engineering Support. Assisted in the design and plan preparation of the replacement of 2-200' long twin span bridges along US 80 in Bossier Parish. Responsible for the design of H&V alignments, roadway and bridge detour geometrics, typical pavement sections and construction sequence sheets. Also assisted in the compilation of project pay items, quantity take-offs and cost estimates.

16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**			
Name	**Samuel Mestayer, PE**	Years of relevant experience with this employer	**3**
Title	**Project Engineer**	Years of relevant experience with other employer(s)	**3**

Degree(s) / Years / Specialization			**Bachelor of Science / 2016 / Civil Engineering**
Active registration number / state / expiration date			**45933 / Louisiana / 3/31/2024**
Year registered	**2021**	Discipline	**Civil**
Contract role(s) / brief description of responsibilities			**Samuel Mestayer will serve as a project engineer on the roadway/hydraulic design team.**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
	Sam Mestayer began his career at the Louisiana Department of Transportation and Development where he served as a road designer and designed/developed roadway plans along state and federal routes for projects including bridge replacements, safety projects, and interstate ramps. He also developed typical sections, summary of quantities, designed plan and profiles (including drainage structures), geometric details/graphical grades, pavement marking/signing sheets, sequencing of construction/diversion bridges, and cross sections. Sam also spent several months providing CE&I inspection for Ascension Parish's Roddy Road Widening project. He has also coordinated utility conflict tasks where he identified all conflicts and created conflict matrices, performed analyses, and coordinated utility relocation. Sam is now the lead design engineer and Engineer of Record of several ongoing projects through LADOTD and Ascension Parish.
01/22 - Ongoing	**S.P. No. H.014407, Roddy Road @ LA 621 Roundabout, LADOTD, Ascension Parish, LA** - Project Manager and Engineer of Record. Responsible for the design and plan development of a single lane roundabout, including right turn slip lanes in the northbound and southbound directions, in Ascension Parish. Responsible for the development of all project design criteria and report forms, H&V alignments, R/W taking determination, construction phasing, cross sectional pavement design, striping/signing, and storm sewer network design and calculations. Also responsible for coordinating property surveys and right-of-way maps with TBS in-house surveyors. Responsible for the coordination with traffic engineers in determining the proper intersection improvements at this location.
05/19 – Ongoing	**S.P. No. H.013116, LA 20 Widening: LA 307 to S. Vacherie, LADOTD, St. James & Lafourche Parishes, LA –** Project Engineer. Assisted in the development of project design criteria and report forms and performed quality control of all inroads modeling and cross sections for the asymmetrical widening of 2.7 miles of a two-lane, rural roadway in Vacherie, LA. Also provided coordination between roadway and bridge design elements and plans for the split phased construction sequencing of a new, 40' wide bridge within the project limits. Also assisted in the preparation of project quantities and cost estimates.
05/19 – 08/19	**S.P. No. H.011152, I-12 Widening (US 190 to LA 59), LADOTD, St. Tammany Parish, LA –** Project Engineer. Assisted with roadway vertical and horizontal alignment development, roadway cross sectional element design, drainage analysis and design, intersection geometric design and roadway plan production including Traffic Management Plans for the widening and reconstruction of four miles of Interstate 12 in Covington, LA. Also responsible for median barrier design, pier protection design, guardrail design, temporary interstate ramp sequencing of construction.
05/19 – 03/22	**S.P. H.001344, US 190: LA 437 to US 190 BUS (Ph. 1), LADOTD, St. Tammany Parish, LA –** Project Engineer. Assisted with the design of roadway elements including traffic management plans, preparation and plan production of preliminary roadway plans, roadway barrier design, sheet pile wall design, embankment widening and guardrail design, pier protection. Assisted with utility conflict matrix, analysis and utility relocation coordination.

16. Staff Experience:

07/20 – 06/22	**Contract No. 4400017598, Rural Bridge Replacement Initiative (Phase 1), LADOTD, Districts 04, 05, 08, and 58** – Engineer of Record. Lead Engineer for the design and plan production of 8 bridge replacements (3 state projects) throughout Central and North Louisiana.Prior to design, conducted project site visits, compiled survey field packs and survey request forms, and reviewed topographic survey deliverables. Responsible for the development of all road and bridge design elements including H&V alignments, bridge hydraulic design, roadway cross sectional elements, guardrail calculations, geometrical layouts, summary sheets and cost estimates. Delineated the drainage basins for several sites, determined the peak discharge at each bridge site utilizing HYDR1130, and ran the hydraulics model through GEO-HECRAS to determine design water surface elevations, velocities, backwater, and flow area. Produced Final Hydraulic Reports and Scour Memorandum for several sites. Reviewed and assisted in the submission of all Environmental and Right-of-Way related deliverables including Wetland Delineations, SOV Packages, Categorical Exlusion Documents, Permit applications and Preliminary and Final R/W Maps. Also responsible for the development of all additional project documentation including Design Report Forms, Bridge and Hydraulic Design Criteria, Design Exceptions and Design Waivers.
05/21 – Ongoing	**Contract No. 4400019336, Rural Bridge Replacement Initiative (Phase 2), LADOTD, Districts 04 and 05 –** Engineer of Record. Lead Engineer for the design and plan production of 12 bridge replacements (3 state projects) throughout North Louisiana.Prior to design, conducted project site visits, compiled survey field packs and survey request forms, and reviewed topographic survey deliverables. Responsible for the development of all road and bridge design elements including H&V alignments, bridge hydraulic design, roadway cross sectional elements, guardrail calculations, geometrical layouts, summary sheets and cost estimates. Delineated the drainage basins for several sites, determined the peak discharge at each bridge site utilizing HYDR1130, and ran the hydraulics model through GEO-HECRAS to determine design water surface elevations, velocities, backwater, and flow area. Produced Final Hydraulic Reports and Scour Memorandum for several sites. Reviewed and assisted in the submission of all Environmental and Right-of-Way related deliverables including Wetland Delineations, SOV Packages, Categorical Exlusion Documents, Permit applications and Preliminary and Final R/W Maps. Also responsible for the development of all additional project documentation including Design Report Forms, Bridge and Hydraulic Design Criteria, Design Exceptions and Design Waivers.
05/19 – 08/19	**S.P. No. H.003790, LA 930: LA 929 to LA 42, Ascension Parish Government, Ascension Parish, LA –** Project Engineer. Assisted with the design and plan preparation of a urban local, roadway reconstruction project in Prairieville, LA. Created Design Report Forms, calculated superelevation transitions, and coordinated with other consultants to ensure correct tie ins to adjacent projects. Also performed quality control of all inroads modeling to confirm limits of construction, and assisted in separation of the project into a separate Clearing and Grubbing package.
09/18 – 01/20	**MA-18-07, Braud Rd. & Germany Rd. Roundabout, Ascension Parish Government, Ascension Parish, LA –** Project Engineer. Assisted with the design and plan preparation for the roundabout at the intersection of Braud Rd. and Germany Rd. in Gonzales, LA. Responsible for the quality control of all inroads modeling, cross sectional elements, and limits of construction determination of the project. Assisted in the creation and review of the Right-of-Way Maps in conjunction with the Construction Plans. Also assisted in quantity take-offs, summary sheets and cost estimates.
07/19 – 07/20	**Degravelle Road Improvements, St. Mary Parish Government, St. Mary Parish, LA –** Project Engineer. Served as the lead engineer for the widening, reconstruction and overlay of a 1.5 mile, 2-lane roadway in Amelia, LA. Responsible for the design of the roadway pavement section, H&V alignments, subsurface drainage, and intersection geometry improvements. Also led the preparation of preliminary and final plan sets, cost estimates and project specifications. Provided Construction Support by coordinating with Project Inspectors, Contractor and Owner, reviewing pay applications, and reviewing and responding to all RFI's and Submittals.

16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**			
Name	**Andrée Cortez, PE, PMP**	Years of relevant experience with this employer	**10**
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			**31523 / Louisiana / 3/31/2023**
Year registered	**2004**	Discipline	**Civil**
Contract role(s) / brief description of responsibilities			**Andrée Cortez fulfills MPRs No. 1, 2, and 3 and will serve as the QA/QC 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 time specified in the applicable MPR(s).
	Andrée Cortez has experience in civil and structural engineering. Her past experience includes hydrologic/hydraulic design, road design, utility layout and coordination, storm water management design and water quality, site development, pavement design, structural design including steel structures, concrete foundations and earth retaining structures, permitting and construction administration. Her experience in stormwater drainage design includes LADOTD HYDRWIN programs, HEC-1, HEC-RAS, HEC-HAS, PondPack, Hydroflow, Hydrograph, and storm sewer. Andree has served as a Principal in Charge for 5 years, and provides supervision over all Lead Professionals and Project Managers. Prior to becoming a Principal in Charge, Andree served as a Project Manager since joining T. Baker Smith in 2012.
10/14 – 12/17	**07-EXT-22, Bayou Gardens Blvd. Extension: LA 660 to LA 316, Terrebonne Parish Consolidated Government, Terrebonne Parish, LA –** Principal in Charge. Provided supervision and quality control of all preliminary and final roadway design including H&V alignments, drainage, joint layouts, graphical grading, superelevation, sequence of construction and utility relocation design and coordination for a 1.6 mile, 4-lane divided roadway extension of Bayou Gardens Blvd. Also responsible for design of the intersection layouts and coordination of the signal improvements at state routes LA 660 and LA 316.
01/14 – 06/21	**S.P. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), LADOTD, St. Tammany Parish, LA –** Principal in Charge. Supervising engineer for preliminary and final roadway design including H&V alignments, drainage, and R-Cut and median U-turns for a new, 5.5 mile, 4-lane, divided median, Rural Arterial Roadway from LA 435 to LA 40/41 near Bush, LA. Also provided Quality Control of the 100% Final Plan Submittal and reviewed the Final Cost Estimate and Calculations Book.
09/16 – 08/19	**S.P. No. H.011152, I-12 Widening (US 190 to LA 59), LADOTD, St. Tammany Parish, LA –** Principal in Charge. Supervising engineer and performed quality control of several roadway design elements including H&V alignments, drainage, median barriers and sequence of construction. Also assisted in the development of a Level 4 Traffic Management Plan and oversaw the preparation of preliminary and final plan submittals and cost estimates.
08/17 – Ongoing	**S.P. No. H.013116, LA 20 Widening: LA 307 to S. Vacherie, LADOTD, St. James & Lafourche Parishes, LA –** Principal in Charge. Performed quality control of the final design and plan preparation of several roadway design elements for the asymmetrical widening of LA 20 to accommodate 8' shoulders near Vacherie, LA. Responsible for the review of several design elements including H&V alignments, roadway typical sections, superelevation design, Right-of-Way impacts and drainage design. Also reviewed 60% and 95% Final Cost Estimates and Final Design Report Forms.
11/12 – 02/13	**St. James High School Access Road, St. James Parish School Board, St. James Parish, LA –** Engineer of Record. Responsible for the topographic survey and roadway design including intersection design, hydraulic analysis and roadway geometrics for new, urban local access roadway from LA 3127 to new St. James High School. Also responsible for the coordination and mitigation of multiple pipeline crossing conflicts near the intersection of the new access roadway and LA 3127.

16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**			
Name	**Brady Smith, PE**	Years of relevant experience with this employer	**1**
Title	**Project Engineer**	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			**45362 / Louisiana / 09/30/2023**
Year registered	**2021**	Discipline	**Civil**
Contract role(s) / brief description of responsibilities			**Brady Smith will serve as a project engineer on the roadway design team.**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
Brady Smith serves as a project engineer for projects that include roadway design, spot bridge replacements and hydrologic and hydraulic analysis. He has experience in a wide variety of DOTD projects including roundabouts, interstate ramps, bridge replacements, roadway widening projects. Brady is experienced in AASHTO and LADOTD's Geometric Design Guidelines as well as Bentley Inroads, Microstation and LADOTD's HYDRWIN programs. He also has experience serving as a Project Engineer for several CE&I projects awarded by LADOTD.	
02/22 – Ongoing	**Contract No. 4400019336, Rural Bridge Replacement Initiative (Phase 2), LADOTD, Districts 04 and 05 –** Engineer of Record. Lead Engineer for the design and plan production of 10 bridge replacements (4 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, geometrical layouts, summary sheets and cost estimates. Delineated the drainage basins for several sites, determined the peak discharge at each bridge site utilizing HYDR1130, and ran the hydraulics model through GEO-HECRAS to determine design water surface elevations, velocities, backwater, and flow area. Produced Final Hydraulic Reports and Scour Memorandum for several sites. Reviewed and assisted in the submission of all Environmental and Right-of-Way related deliverables including Wetland Delineations, SOV Packages, Categorical Exclusion Documents, Permit applications and Preliminary and Final R/W Maps. Also responsible for the development of all additional project documentation including Design Report Forms, Bridge and Hydraulic Design Criteria, Design Exceptions and Design Waivers.
04/17- 02/19 Previous Employer	**S.P. No. H.010124, LA-16: Roundabout @ LA-447, LADOTD, Livingston Parish, LA –** Project Engineer. 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. Scope includes replacing a 3-way stop intersection with a single-lane roundabout, which includes a bypass lane from westbound LA-16 to northbound LA-447. Also coordinated with the Environmental section and prepared permit drawings to be used to obtain project clearance.
03/17- 02/19 Previous Employer	**I-20 WB Off Ramp @ LA-617, LADOTD, Ouachita Parish, LA –** Project Engineer. Responsible for roadway letter-sized plan preparation, ramp geometric design, construction phasing, temporary traffic control and cost estimation. Scope includes replacing a single yield-controlled right turn lane with two signal-controlled right turn lanes.
08/17- 02/19 Previous Employer	**S.P. No. H.008312, 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.

16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**			
Name	**Doyle "Paul" Carroll, PE**	Years of relevant experience with this employer	**5**
Title	**Project Engineer**	Years of relevant experience with other employer(s)	**10**
Degree(s) / Years / Specialization		**Bachelor of Science / 2006 / Civil Engineering** **Bachelor of Science / 2003 / Mechanical Engineering**	
Active registration number / state / expiration date		**33902 / Louisiana / 09/30/2024**	
Year registered	**2021**	Discipline	**Civil**
Contract role(s) / brief description of responsibilities		**Paul Carroll will serve as a project engineer on the hydraulic design team.**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
Paul Carroll has experience in stormwater drainage, levees, retention ponds, vertical curve roadway design, structural design, and project management of small to large projects. He is primarily responsible for providing QA/QC, advanced technical support and assisting the project manager in the development and design of project plans, specifications and estimates. Paul is proficient using various modeling software for flood/drainage applications including: 2D HEC-RAS model utilizing GeoHECRAS 2D for use in revising FEMA DFIRM Map; SWMM model utilizing PCSWMM for the purpose of showing the existing extent and depth of flooding; and HEC-RAS model to create a proposed conditions model to show what improvements would be required to achieve the desired level of flood reduction.	
06/17 - 08/19	**S.P. No. H.011152, I-12 Widening (US 190 to LA 59), LADOTD, St. Tammany Parish, LA** – Engineering Support. Assisted with the drainage design and hydraulics memorandum for all cross drains and bridges on I-12. Created hydraulic model of the existing and proposed drainage for all cross drains to determine if the existing structures were suitable or if they needed to be upgraded to meet hydraulic capacity. Also performed the hydraulic analysis and modeling of the Ponchitalawa Creek crossing below a 175' twin span bridge including the delineation of a 18 square mile drainage basin, existing and proposed HEC-RAS model, and determination of backwater, channel velocities and design water surface elevation. Assisted in the development of the Final Hydraulics Report.
06/17 – 06/21	**S.P. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), LADOTD, St. Tammany Parish, LA** – Engineering Support. Assisted in the design for the hydrologic and hydraulic analysis for the bridge sites and box culverts along a new 5.5-mile, four-lane RA-3 roadway from LA 435 to Bush, LA. Performed the hydraulic analysis and modeling of the Talisheek Creek crossing below a 400' twin span bridge including the delineation of a 17 square mile drainage basin, existing and proposed HEC-RAS model, and determination of backwater, channel velocities and design water surface elevation. Assisted in the development of the Final Hydraulics Report.
10/17 – 08/18	**2017-032-RBP, West Esplanade Avenue Restoration Eastbound, Tartan Drive To Haring Road, Jefferson Parish Government, Jefferson Parish, LA** – Project Engineer. Designed subsurface drainage network along the sidewalk for the reconstruction design of approximately 2,650 linear feet of two-lane concrete roadway. Also assisted in plan production and bidding process.
05/17 – 10/19	**2017-015-RBP, David Drive Corridor Improvements, West Napoleon Avenue to Veterans Boulevard, Jefferson Parish Government, Jefferson Parish, LA** – Engineer of Record. Designing, developing plan and specifications, modeling, and writing the report for the drainage improvements associated with the reconstruction of the roadway corridor.
02/20 – Ongoing	**S.P. H.012812 US 190 at Northshore and Camp Villere, LADOTD, St. Tammany Parish, LA** – Project Engineer. Provide quality control of the hydraulic design and plans for the subsurface drainage network at the roundabouts at US 190 and Northshore Blvd. and US 190 and Camp Villere Rd. Reviewed all calculations in DOTD's HYDRWIN programs including HYDR1120, HYDR1130, HYDR6000 and HYDR6020. Also assisted in the development of the inlet spacing spreadsheet to determine the width of ponding and the inlet spacing for all catch basins.

16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**			
Name	**Daniel Binet, PE**	Years of relevant experience with this employer	**9**
Title	**Project Engineer**	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			**42997 / Louisiana / 3/31/2023**
Year registered	**2018**	Discipline	**Civil**
Contract role(s) / brief description of responsibilities			**Daniel Binet will serve as a project engineer on the roadway design team.**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
	Daniel Binet serves as project engineer for projects that include roadway design, structural analysis, bridge design, hydrologic and hydraulic analysis. He assists in these aspects for a variety of TBS' LADOTD projects including off-system bridges, new high-speed rural corridors, roadway widening and reconstruction. He is experienced with AASHTO geometric and roadside design guides, LADOTD plan production, LRFR bridge rating using AASHTO BrR 6.8, STAAD Pro V8i, LEAP CONSPAN structural analysis software, Risa 3D, AutoCAD, Microstation, InRoads and CADConform. Daniel is currently providing QA/QC for numerous DOTD projects including spot bridge replacements and roundabouts, but also plays a significant Construction Support role for several ongoing projects.
01/14 – 06/21	**S.P. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), LADOTD, St. Tammany Parish, LA –** Engineering Support. Assisted with roadway geometrics, performed hydraulic design, prepared bridge design criteria, structural alternatives and TS&L for bridge sites, assisted with bridge design QA/QC and plan production for the new 5.5-mile, four-lane, Rural Arterial roadway from LA 435 to Bush, LA. Daniel also assisted in performing quantity calculations and reviewed cost estimates.
10/14 – 12/17	**07-EXT-22, Bayou Gardens Blvd. Extension: LA 660 to LA 316, Terrebonne Parish Consolidated Government, Terrebonne Parish, LA –** Engineering Support. Performed topographic surveying, assisted with roadway design including drainage, geometrics, Maintenance of Traffic, concrete joint layouts at intersections, utility relocation, and plan production. Performed complex bridge design and LRFR Bridge Load Rating for 7-span structure with pile supported approach slabs, design QC for special/curved spans for the 1.6-mile, four-lane roadway extension (UA-2) including signal upgrades and turn lanes on state routes LA 660 and LA 316.
09/16 – Ongoing	**S.P. No. H.011152, I-12 Widening (US 190 to LA 59), LADOTD, St. Tammany Parish, LA –** Engineering Support. Assisted in roadway design elements including mainline and ramp geometrics and grading and median barrier design. Responsible for all non-standard median design elements such as barrier transitions, lighting and sign mounts and bi-directional guardrail layouts. Engineering support for bridge design including the widening of Pontchitalawa Creek and Tammany Trace bridges utilizing AASHTO Type III prestressed girders with varying skew spans, bridge design using LEAP CONSPAN, STAAD and Virtis for LRFR. Produced plans and details for widening including partial bridge demolition, foundation plans, widened bents, deck and superstructure.
03/13 – 10/13	**Parish Project No. 13028, 2013 Road Sales Tax District A Improvements, Lafourche Parish Government, Lafourche Parish, LA –** Engineering Support. Assisted in the design and plan preparations of 12 separated roadway improvement locations in Lafourche Parish. Roadway improvements including asphalt roadway reconstruction, asphalt mill and overlay, asphalt roadway widening, and concrete paneling and curb replacements. Conducted site visits to determine asphalt patching locations and assisted in the design of several elements including H&V alignments, typical sections, intersection geometrics and graphical grades. Also responsible for compilation of project pay items and cost estimates and also assisted in the preparation of the bid package, including special provision write-ups.

16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**			
Name	**Cy Toups, PE**	Years of relevant experience with this employer	**15**
Title	**Environmental Sr. Project Manager**	Years of relevant experience with other employer(s)	**4**

Degree(s) / Years / Specialization			**Bachelor of Science / 2002 / Environmental Engineering**
Active registration number / state / expiration date			**33966 / Louisiana / 09/30/2024**
Year registered	**2008**	Discipline	**Environmental Engineering**
Contract role(s) / brief description of responsibilities			**Cy Toups will serve as an environmental professional and will perform environmental services.**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
Cy Toups' environmental experience includes 19 years NEPA experience as well as Section 404/10 permitting, Coastal Use Permitting, endangered species surveys, U.S. Environmental Protection Agency (EPA) compliance, regulatory compliance, Phase I ESA's, wetland delineations, Recognized Environmental Conditions (RECs), and preparing NEPA documents for a multitude of agencies including Federal Highway Administration (FHWA), the United States Army Corps of Engineers (USACE), Federal Emergency Management Agency (FEMA) and the Federal Aviation Administration (FAA). His environmental experience ranges from private developments to local, state and federal public works and transportation projects. Cy has led many of TBS Categorical Exclusions (CE) and Environmental Assessment (EA) documents for various roadway and bridge projects. Cy will oversee the development of all Environmental documents and drawings that pertain to obtaining Environmental Clearance for any potential project, particularly realted to Wetland Delineations/Reports, SOV Documents, Categorical Exclusion Documents, and all Permit Applications.	
02/18 – 12/21	**ENG-17-013, LA 3127 Extension (LA 70 to LA 1), Ascension Parish Government, Ascension Parish, LA** – Environmental Engineer/Sr. Project Manager. Lead Environmental for the preparation of the preliminary environmental evaluation report including Phase I ESA, wetland delineations, Threatened and Endangered Species, alternative analysis, SHPO coordination. Assisted with preparation of LADOTD Stage 0 Feasibility Study and will lead Environmental Assessment (EA) NEPA document preparation upon approval of Stage 0 for the seven-mile, four-lane rural arterial roadway extension located south of Donaldsonville, LA.
08/20 – 04/22	**Contract No. 4400017598, Rural Bridge Replacement Initiative (Phase 1), LADOTD, Districts 04, 05, 08, and 58** – Environmental Lead for Wetland Delineations, Threatened and Endangered Species Surveys, Scenic Rivers Permits, Solicitation of Views, and USACE Permitting for 47 bridge rehabilitations. Also prepared NEPA documents for all bridges and coordinated with LADOTD to obtain Categorical Exclusions or Programmatic Categorical Exclusions (PCE's).
05/21 – Ongoing	**Contract No. 4400019336, Rural Bridge Replacement Initiative (Phase 2), LADOTD, Districts 04 and 05 –** Environmental Lead for Wetland Delineations, Threatened and Endangered Species Surveys, Scenic Rivers Permits, Solicitation of Views, and USACE Permitting for 40 bridge rehabilitations. Also prepared NEPA documents for all bridges and coordinated with LADOTD to obtain CEs or PCE's.
03/19 – 05/21	**S.P. No. H.013116, LA 20 Widening: LA 307 to S. Vacherie, LADOTD, St. James & Lafourche Parishes, LA** – Environmental Engineer/Sr. Project Manager. Prepared NEPA document (Categorical Exclusion), developed and edited NEPA documents with LADOTD/FHWA comments, stakeholder comments, public meetings, wetland delineation, T&E reporting, alternative analyses, farmlands and mitigation justification, assisted with USACE, LADNR and USCG permit drawings for the 2.5-mile roadway widening and bridge replacement project.
03/16 – 01/19	**S.P. H.011670, I-10, Loyola Interchange Improvement, LADOTD, Jefferson Parish, LA** – Environmental Engineer/Sr. Project Manager. Performed environmental data research and environmental screening for the IMR Tier I and Tier II alternate analysis. Served as Environmental lead and prepared the Environmental Assessment (EA), NEPA document, developed and edited document from stakeholder and FHWA comments, performed alternative screening and analysis; obtained FONSI.

16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**			
Name	**Lisa Osborne**	Years of relevant experience with this employer	**8**
Title	**Senior Project Designer**	Years of relevant experience with other employer(s)	**33**

Degree(s) / Years / Specialization			**Coursework for Civil Engineering Studies/1980**
Active registration number / state / expiration date			**N/A**
Year registered	**N/A**	Discipline	**N/A**
Contract role(s) / brief description of responsibilities			**Lisa Osborne will serve as the project designer on the engineering roadway design team.**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
Lisa Osborne is a senior project designer at TBS with over 41 years of CAD experience in civil, transportation, structural, and mechanical engineering. She has extensive experience using MicroStation and Autocad for civil, roadway, and structural projects. Lisa is experienced in using InRoads for developing horizontal and vertical alignments including generating templates to develop roadway sections and earthwork quantities. She utilizes InSurvey for importing survey features into the design model and to develop the existing surface. She has prepared complete set of drawings for construction on numerous civil and structural projects. 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 and Autocad and has completed a 40-hour program for ArcGis through Penn State Online Courses.	
09/16 – 08/19	**S.P. No. H.011152, I-12 Widening (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 ControlCAD for the four-mile widening and reconstruction of Interstate 12 in Covington, LA.
02/20 – Ongoing	**S.P. 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 roundabouts at the intersections of US 190 and Northshore Blvd. and US 190 and Camp Villere Rd. Merged the roadway surface from the H&V alignments to the graphical grading sheets to derive accurate cross sections and earthwork quantities. Also responsible for the creation of several plan sheets including Plan & Profile Sheets, Typical Sections, Geometric Layouts, and Cross Sections. Assisted in the determination of several quantities including earthwork, asphalt, concrete curb and gutter and PCC pavement.
01/14 – 06/21	**SP 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 rural arterial roadway from LA 435 to Bush, LA. Also derived earthwork quantities from the corridor model and created several plan sheets including Typical Sections, Plan & Profile Sheets, Graphical Grades and several others.
08/17 – Ongoing	**S.P. No. H.013116, LA 20 Widening: LA 307 to S. Vacherie, LADOTD, St. James & Lafourche Parishes, LA –** Senior Project Designer. Prepared topographic survey and SUE (QLD-A) deliverables, and 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, and cut and annotated cross sections. Also assisted in the creation and development of several sheets including Typical Sections, Plan & Profile Sheets and Geometric Layout Sheets.

16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**			
Name	**Luke Bourg**	Years of relevant experience with this employer	**14**
Title	**Senior Project Technician**	Years of relevant experience with other employer(s)	**0**

Degree(s) / Years / Specialization			**Associate of Applied Science / Drafting and Design / 2008**
Active registration number / state / expiration date			**N/A**
Year registered	**N/A**	Discipline	**N/A**
Contract role(s) / brief description of responsibilities			**Luke Bourg will serve as the senior project technician on the engineering roadway design team.**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
	Luke Bourg serves as a Senior Project Technician in TBS' transportation group for both engineering and environmental services. His experience in design drawings and environmental permit sketches provides for a seamless transition from detailed drawings to permit sketches. He is thoroughly experienced using Microstation and ArcGIS platforms to produce environmental permit drawings for various project types including bridge replacements, roadway widenings, new roadway corridors and interchange improvements. He has provided permit sketches for many of TBS' LADOTD bridge replacement projects, I-12 to Bush, I-10/Loyola Interchange and has served in similar capacity for the last 14 years in providing drawings for permits including USACE Section 404 & 10, LDWF Scenic Streams, LADNR CUP and various Parishes and Levee Districts.
09/18 – 03/22	**SP No. H.001344, US 190: LA 437 to US 190 BUS (Ph. 1), LADOTD, St. Tammany Parish, LA –** Project Technician. Responsible for roadway plan development, Microstation drafting and technician tasks including typical sections, plan and profile sheets, geometric layout, cross sections, drainage plan/profile and miscellaneous details, miscellaneous details including joint layouts, graphical grades and pier protection plan and details. HE also assisted in template creation through inroads as well as revisions to H&V alignments from Engineering markups.
01/14 – 06/21	**SP H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), LADOTD, St. Tammany Parish, LA –** Project Technician. Assisted in the development of several plan sheets for the design of a 6.2 mile rural arterial, divided median highway near Bush, LA. Created and assisted in the development of sheets such as Typical Sections, Plan & Profile Sheets, Geometric Layout Sheets, Striping and Signing Sheets among others. Also responsible for the creation of Permit Sketches or obtaining a USACE permit. Sheets included are a vicinity map, typical sections, plan & profile sheets and a summary sheet.
03/16 – 12/18	**SP No. H.011670, I-10/Loyola Interchange Improvement, LADOTD, Jefferson Parish, LA –** Project Technician. Prepared permit drawings for the selected alternation (4-level stack, directional interchange) including vicinity maps, plan and profiles, cross sections, calculated material quantities for USACE, Levee Board, FAA and LADNR permitting. He also assisted in the drafting and development of the Line and Grade Plan & Profile Sheets and Typical Roadway and Bridge Sections for all surface and interchange ramps associated with all alternate alignments for the I10 and Loyola Interchange.
10/14 – 12/17	**07-EXT-22, Bayou Gardens Blvd. Extension: LA 660 to LA 316, Terrebonne Parish Consolidated Government, Terrebonne Parish, LA –** Project Technician. Assisted in the development of several plan sheets including Plan & Profile Sheets, Typical Sections, and several additional miscellaneous details. Also served as a Project Inspector during construction, responsible for daily inspection reports, progress photos, pay application review, and coordination between contractor, owner and engineer.

16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**			
Name	**Jean Reulet, III, PLS**	Years of relevant experience with this employer	**1**
Title	**Project Manager, Survey**	Years of relevant experience with other employer(s)	**13**

Degree(s) / Years / Specialization			**Bachelor of Science / 2011 / Geomatics**
Active registration number / state / expiration date			**5145 / Louisiana / 3/31/2024**
Year registered	**2015**	Discipline	**Survey**
Contract role(s) / brief description of responsibilities			**Jean Reulet fulfills MPRs No. 4 and will serve as the project's Professional Land Surveyor.**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
Jean Reulet has served in various roles as a professional land surveyor since 2015. His field experience for LADOTD projects began in 2012 where he has been involved in dozens of topographic surveys of varying sizes across southern Louisiana. He has participated in all stages of a topographic survey from field data collection to final deliverables preparation according to the LADOTD's Location and Survey Manual. 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.	
07/21 – Ongoing	**Contract No. 4400019336, Rural Bridge Replacement Initiative (Phase 2), LADOTD, Districts 04 and 05 –** Project Surveyor. 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 40 bridge structures in the 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/QCd, 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.
12/21 – 05/22	**Harrison Ave. Improvements (US 190 to LA 59**) S**t. Tammany Parish Government, St. Tammany Parish, LA –** Survey Project Manager. Responsible for topographic surveys, crew coordination, data processing, surface generation for use in existing drainage maps, deliverable preparation, title take off, property surveys, prepared base and final right of way maps for the improvements that includes approximately 13,200 feet of roadway widening.
02/15 – 04/16 *Previous Employer*	**H.011137 and H.011152: I-12 (LA 21 to US 190) & I-12 (US 190 to LA 59), St. Tammany Parish, LA** – Sr. Project Manager. Performed data processing, project QAQC and management for Topographic Survey.
05/22 - 08/22	**H.009892: LDRR (New Iberia) US 90 FR** - Sr. Project Manager Responsible for Topographic survey, field crew coordination, surface generation and development of existing drainage map for the extension of the US 90 Frontage Road in New Iberia, Louisiana.
03/17 - 04/18	**H.004987: US 190 Collins Blvd. Widening** - 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. DTM width was approximately 300ft.

16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**			
Name	**Rene Hebert, PLS, PMP**	Years of relevant experience with this employer	**15**
Title	**Survey Lead Professional**	Years of relevant experience with other employer(s)	**2**

Degree(s) / Years / Specialization			**Bachelor of Science / 2008 / Geomatics**
Active registration number / state / expiration date			**5070 / Louisiana / 3/31/2024**
Year registered	**2011**	Discipline	**Survey**
Contract role(s) / brief description of responsibilities			**Rene Hebert will serve as a project surveyor.**

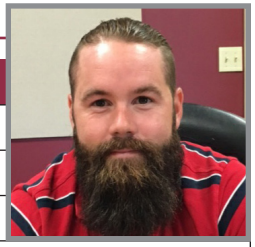
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
As Survey Lead Professional, Rene has 17 years of project experience. He has served as Principal in Charge of numerous survey projects where he has been responsible for overseeing and executing the technical aspect of surveying projects including producing and revising drawings, sketches, plans, etc. for contract documents and QC/QA of surveying services. He coordinates work among project technicians, field crew coordinator, field survey personnel, and other required professionals working on the project. Rene has gained valuable experience surveying the environment of south Louisiana including topographic, boundary and GPR surveys and underwater acoustic hydrographic surveys including multi-beam, single beam, side scan sonar, acoustical soundings, magnetometry and other bathymetric surveys for industrial, government and private clients.	
05/14 - 06/19	**SP H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), LADOTD, St. Tammany Parish, LA –** Survey Lead Professional. Oversaw topographic surveying, property surveys and Right of Way map production including 101 parcels for new 5.5-mile, four-lane SA-3 roadway from LA 435 to Bush, LA. Topographic Survey included a DTM width of 300' through heavily wooded terrain and several drainage crossings and bridge structures.
08/17 - 01/22	**S.P. No. H.013116, LA 20 Widening: LA 307 to S. Vacherie, LADOTD, St. James & Lafourche Parishes, LA –** Survey Lead Professional. Responsible for the supervision of the topographic survey of a 2.7 mile stretch of LA 20 near Vacherie, LA. Oversaw crew coordination, data processing, deliverable preparation and also surveyor of record for the Final R/W Maps. Oversaw the survey through challenging environments including forested wetlands, parallel borrow canal, and substandard bridge design width and sight lines.
02/18 – 12/18	**ENG-17-013, LA 3127 Extension (LA 70 to LA 1), Ascension Parish Government, Ascension Parish, LA –** Survey Lead Professional. Responsible for overseeing topographic surveys, crew coordination, oversight of data processing, deliverable preparation, title take off, property surveys, prepared base and final right of way maps for 30% design and right of way mapping for the extension of LA Hwy 3127 from LA 70 to LA 1 in Ascension Parish, LA. The project is proposed by Ascension Parish as the first phase of a 4-lane divided highway to the south of the City of Donaldsonville, LA.
01/22 – 01/22	**Harrison Ave. Improvements (US 190 to LA 59**) S**t. Tammany Parish Government, St. Tammany Parish, LA –** Survey Lead Professional. Responsible for overseeing topographic surveys, crew coordination, oversight of data processing, surface generation for use in existing drainage maps, deliverable preparation, title take off, property surveys, prepared base and final right of way maps for the improvements along Harrison Ave. that includes approximately 13,200 feet of roadway widening along existing alignment including the installation of single lane roundabouts at Marigold Drive and Falconer Drive.

16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**			
Name	**Anthony Burns**	Years of relevant experience with this employer	**<1**
Title	**Project Manager**	Years of relevant experience with other employer(s)	**19**
Degree(s) / Years / Specialization			
Active registration number / state / expiration date			
Year registered	**1989**	Discipline	**Survey**
Contract role(s) / brief description of responsibilities			

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).
Anthony has nineteen 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, and serves on SJB’s Safety Committee. He has ATSSA Traffic Control Technician, Traffic Control Supervisor, and Flagger certifications, and is TWIC and OSHA certified.	
09/13 – 07/14	**Hooper Road Widening – LA DOTD Project No. H.009300** - Party Chief. A topographic survey provided by SJB in preparation for widening Hooper Rd. (LA 408) in East Baton Rouge Parish from Sullivan Road (LA 3034) to Greenwell Springs Road (LA 37) for a distance of about 2.95 miles.
09/13 – 09/14	L**A 308 Curve Realign and Shoulders – LA DOTD Project No. H.010443** - Party Chief. A topographic survey and Quality Level C SUE were done in Assumption Parish along LA Hwy 308 in preparation for a Curve Re-Alignment and Shoulder improvements.
10/13 – 05/14	**Interchange for US 90 and LA 318 – LA DOTD Project No. H.004932** - Party Chief. A Topographic Survey was done for LA DOTD along LA 318 and US 90.
06/14 – 11/14	**North Sherwood Blvd. Improvements** - Party Chief. Project for Professional Engineering Consultants – Topographic Survey, Property Survey, and Right-of-Way Maps
02/15 – 04/16	**(LA 21 to US 190) & I-12 (US 190 to LA 59) - LA DOTD Project No. H.011137 and H.011152: I-12** - Project Manager / Field Crew Manager. SJB Group was a prime on the I-12 (LA 21 to US 190) & I-12 (US 190 to LA 59) and did Topographic Survey alongside Lazenby. SJB Group contracted Cardno as a sub to do the SUE work on this project.
04/15 – 04/16	**US 90 Captain Cade to Ambassador Caffery Frontage Road – LADOTD Project No. H.011298.5** - Project Manager / Field Crew Manager. A topographic survey was done alongside a proposed route along the East and West side of US 90. This survey was located in Lafayette, St. Martin, and Iberia Parishes between Youngsville and Broussard, LA.
05/15 – 11/15	**US 190 Guardrail/Rutting Rep. (Phase I) – LA DOTD Project No. H.011224** - Project Manager / Field Crew Manager. A topographic survey was done 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.

16. Staff Experience:



Firm employed by: **T. Baker Smith, LLC**			
Name	**Laramey Leet**	Years of relevant experience with this employer	**6**
Title	**Survey Party Chief**	Years of relevant experience with other employer(s)	**10**

Degree(s) / Years / Specialization			**N/A**
Active registration number / state / expiration date			**N/A**
Year registered	**N/A**	Discipline	**N/A**
Contract role(s) / brief description of responsibilities			**Laramey Leet will serve as a survey crew party chief.**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
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. Laramey's 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. Laramey is experienced with static, rapid static, kinematic and real-time kinematic GPS surveying as well as surveys utilizing conventional total stations and robotic total stations.	
10/16 – 10/16	**S.P. No. 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.
01/18 – 02/18	**SP 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.
08/20 – 06/21	**Contract No. 4400017598, Rural Bridge Replacement Initiative (Phase 1), LADOTD, Districts 04, 05, 08, and 58 –** Survey Crew Party Chief, Performed topographic surveys, SUE designation surveys, and GPS Control of 24 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.
06/21 – 03/22	**Contract No. 4400019336, Rural Bridge Replacement Initiative (Phase 2), LADOTD, Districts 04 and 05 –** Survey Crew Party Chief, Performed topographic surveys, SUE designation surveys, and GPS Control of 20 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.
10/17 – 09/18	**MA-17-01, Roddy Road Widening (LA 935 to LA 621), Ascension Parish Government, Ascension Parish, LA –** SUE Party Chief. Performed field location of all SUE Level B designations and Level A locations for the 1.5-mile widening project, including over 71,000 linear feet of utilities.
02/18 – 12/18	**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.
01/19 – 08/19	**Harrison Avenue Improvements (US 190 - LA 59), St. Tammany Parish Government, St. Tammany Parish, LA –** Survey Crew Party Chief. Performed topographic surveys, survey controls network, and SUE surveys for the Harrison Avenue Improvements project from US 190 to LA 59 in St. Tammany Parish.

16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**			
Name	**Christian Haynes**	Years of relevant experience with this employer	**6**
Title	**Instrument Man**	Years of relevant experience with other employer(s)	**9**

Degree(s) / Years / Specialization			**N/A**
Active registration number / state / expiration date			**N/A**
Year registered	**N/A**	Discipline	**N/A**
Contract role(s) / brief description of responsibilities			**Christian Haynes will serve as a survey crew party chief.**

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

Christian Haynes has extensive experience with LADOTD projects and is very familiar with LADOTD Location and Survey procedures Certifications for control, location, traverse and cross sections. He is very experienced with LADOTD coding procedures and the development of survey surfaces for design. Christian's project experience includes boundary, topographic, cross sections and construction staking ATSSA TCT, TCS, Flagger for roadways, bridges, subdivisions and municipal projects. He is familiar with roadway alignment properties used in developing topographic surveys for LADOTD. Christian is experienced with static, rapid static, kinematic, pseudo kinematic, and real-time kinematic GPS surveying as well as surveys utilizing conventional total stations and robotic total stations. Christian has performed surveys requiring accuracies of First Order horizontal control and First Order Class I for vertical control.

10/16 – 10/16	**S.P. No. H.011152, I-12 Widening (US 190 to LA 59), LADOTD, St. Tammany Parish, LA –** Instrument Man. 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.
02/18 – 12/18	**ENG-17-013, LA 3127 Extension (LA 70 to LA 1), Ascension Parish Government, Ascension Parish, LA –** Instrument Man. 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.
01/19 – 08/19	**Harrison Avenue Improvements (US 190 - LA 59), St. Tammany Parish Government, St. Tammany Parish, LA – Instrument Man.** Performed topographic surveys, survey controls network, and SUE surveys for the Harrison Avenue Improvements project from US 190 to LA 59 in St. Tammany Parish.
01/18 – 01/18	**SP H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), LADOTD, St. Tammany Parish, LA –** Instrument Man. Performed property surveys along 101 parcels through virgin terrain for the 5.5 mile roadway project.
07/17 – 12/18	**S.P. No. H.013116, LA 20 Widening: LA 307 to S. Vacherie, LADOTD, St. James & Lafourche Parishes, LA –** Instrument Man. Location and designation of subsurface utilities including pipelines, fiber optics, water and gas lines, survey of utility locations, preparation of utility location deliverables in accordance with ASCE 38-02 guidelines.
08/20 – 06/21	**Contract No. 4400017598, Rural Bridge Replacement Initiative (Phase 1), LADOTD, Districts 04, 05, 08, and 58 –** Instrument Man. Performed topographic surveys, SUE designation surveys, and GPS Control of 24 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.
06/21 – 03/22	**Contract No. 4400019336, Rural Bridge Replacement Initiative (Phase 2), LADOTD, Districts 04 and 05 –** Instrument Man. Performed topographic surveys, SUE designation surveys, and GPS Control of 20 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.

16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**			
Name	**TJ Stokes, PE**	Years of relevant experience with this employer	**1**
Title	**Lead Professional, SUE Engineering**	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		**40079 / Louisiana / 03/31/2024**	
Year registered	**2015**	Discipline	**Industrial**
Contract role(s) / brief description of responsibilities		**TJ will serve as SUE 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 time specified in the applicable MPR(s).
TJ has over 13 years experience in successfully managing numerous SUE projects specializing in transportation and roadway projects. As the Lead Professional for Utility Engineering, he is currently overseeing the completion of DOTD and MDOT retainer contracts along with numerous other public and private client projects. He has thorough knowledge of the Subsurface Utility Engineering standards listed in CI/ASCE Standard 38-02 and is familiar with all SUE technologies and equipment, including but not limited to, ground penetrating radar (GPR), hydro/air vacuum excavation, and numerous other types of geophysical locating equipment. TJ will serve as the SUE Manager and Supervisor of any project aspects that related to SUE services.	
12/21 – 12/21	**ENG-17-013, LA 3127 Extension (LA 70 to LA 1), Ascension Parish Government, Ascension Parish, LA –** SUE Manager. Performed Subsurface Utility engineering (SUE) QL B-A in accordance with CI/ASCE 38-02 for all utilities affected by the project alignment. Level A test holes were conducted on 21 underground pipelines which either crossed the route or were within the Right of Way of the roadway. Subsurface utilities designated as part of the SUE services included water mains, sewer force mains, sewer effluent lines, pipelines carrying various products and ranging from 6" to 30" in diameter, buried electrical services, buried telephone, buried fiber optic telephone, fiber optic television, and gas mains. The project is proposed by Ascension Parish as the first phase of a 4-lane divided highway to the south of the City of Donaldsonville, LA.
11/21 – 01/22	**Harrison Ave. Improvements (US 190 to LA 59) St. Tammany Parish Government, St. Tammany Parish, LA –** SUE Manager. Performed subsurface utility engineering and related services scope of work necessary to support the design of the widening of Harrison Ave. from US 190 to LA 59 in Covington, LA for St. Tammany Parish. The improvements along Harrison Ave. include approximately 13,200 feet of roadway widening along existing alignment including the installation of a raised median, construction of single lane roundabouts at Marigold Drive and Falconer Drive and various features such as bulb outs and R-CUT intersection treatments.
06/21 – 06/21	**MA-17-02, Roddy Road Widening (LA 935 to LA 61), Ascension Parish Government, Ascension Parish, LA –** SUE Manager. Provided Subsurface Utility Engineering and R/W Mapping for the for the Roddy Road Safety Widening from US 61 to LA 935 as part of the Move Ascension Program. Project included geometric improvements to be made at the LA 429 intersection including Left-turn bays on the EB, WB and SB approaches and right-turn bays at the NB and SB approaches; Geometric improvements at LA 935 to include Left-turn bays at the EB, NB and SB approaches, right-turn bays at the NB approach; replacement of the bridges over New River and Bayou Narcisse.
03/21 - Ongoing	**44-14661, LADOTD - IDIQ - SUE Services Statewide, LA** - SUE Manager, Responsible for QA/QC of all SUE work performed for every task order issued. Responsible for reviewing the survey file depicting type and horizontal location of the ultilities in accordance with ASCE 38-02.

16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**					
Name	**Adam Templet**			Years of relevant experience with this employer	**1**
Title	**Senior Subsurface Utility Engineering Technician**			Years of relevant experience with other employer(s)	**14**
Degree(s) / Years / Specialization			**N/A**		
Active registration number / state / expiration date			**N/A**		
Year registered	**N/A**	Discipline	**N/A**		
Contract role(s) / brief description of responsibilities			**Adam Templet will serve as a survey SUE 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 time specified in the applicable MPR(s).
Adam is a Sr. SUE Field Technician in the Prairieville, LA office. He is experienced in Subsurface Utility Engineering Designating and Utility Locating. He designates and locates subsurface utilities according to ASCE 38-02 Quality Levels A and B and acquires utility records for ASCE 38-02 Quality Level D investigations as well as collects necessary data for the use in a professional's judgement for ASCE 38-02 Quality Level C investigations. He performs Quality Assurance checks on all field work performed to ensure the utility locations depicted are in accordance with ASCE 38-02.	
07/22 – Ongoing	**MA-17-02, Move Ascension Bluff Road, LA 73 Connector, Ascension Parish Government, Ascension Parish, LA –** Sr. SUE Technician. Provided Subsurface Utility Engineering for the Bluff Road - LA 73 Connector 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.
02/22 – 05/22	**Move Ascension Parker Road and LA 929 Widening, Ascension Parish Government, Ascension Parish, LA –** Sr. SUE Technician. 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.
07/22 – Ongoing	**MA-22-01, Move Ascension LA 73 - Bluff Road Connector Roundabout, Ascension Parish Government, Ascension Parish, LA –** Sr. SUE Technician. Provided Subsurface Utility Engineering for the LA 73 - Bluff Road Connector 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.
08/22 – Ongoing	**Move Ascension, LA 44 & Parker Roundabout, Subsurface Utility Engineering, Ascension Parish Government, Ascension Parish, LA – S**r. SUE Technician. 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.

16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**			
Name	**Brian Hugman, PE, PM, UE**	Years of relevant experience with this employer	**4**
Title	**Project Manager**	Years of relevant experience with other employer(s)	**15**

Degree(s) / Years / Specialization			**Bachelor of Science / 2006 / Civil Engineering**
Active registration number / state / expiration date			**PE / LA / 03/31/2023**
Year registered	**2022**	Discipline	**Civil Engineering**
Contract role(s) / brief description of responsibilities			**Brian Hugman, PE will serve as a SUE 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 time specified in the applicable MPR(s).
Brian has over 13 years of experience in the civil engineering industry specializing in utility engineering. His expertise includes utility conflict management, utility design, and utility construction management for various public infrastructure and private utility projects. He also has extensive experience in managing SUE projects with an expertise in transportation and roadway projects. He has coordinated and built relationships with numerous private utility providers as well as governmental agencies which he utilizes to ensure proper utility locations and comprehensive SUE deliverables.	
02/22 – 05/22	**Move Ascension Parker Road and LA 929 Widening, Ascension Parish Government, Ascension Parish, LA –** SUE Project Manager. 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.
07/22 – Ongoing	**MA-22-01, Move Ascension LA 73 -** Bluff Road Connector Roundabout, Ascension Parish Government, Ascension Parish, LA – SUE Project Manager. Provided Subsurface Utility Engineering for the LA 73 - Bluff Road Connector 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.
08/22 – Ongoing	**Move Ascension, LA 44 & Parker Roundabout, Subsurface Utility Engineering, Ascension Parish Government, Ascension Parish, LA –** SUE Project Manager. 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.
01/22 – 07/22	**IDIQ SUE Services, Task Order No. 2, LA 594 Overpass at I-20, Statewide, LA –** SUE Project Manager. Reviewing the drawings prepared of the subsurface utilities that were collected from records, surveyed features and geophysical methods. Responsible for reviewing the survey file depicting the type and horizontal location of the utilities in accordance with ASCE 38-02.
04/22 - 07/22	**MOVEBR Plank Nicholson BRT, Baton Rouge, LA – SUE Project Manager** - Provided SUE services for 15 designated project sites along the Plank-Nicholson Bus Rapid Transit (BRT) Route.
08/19 - 06/19	**IH 45 Reconstruct Texas City Wye PS&E, TxDOT, Galveston County, TX** – Brian reviewed the existing utilities from SUE within the project limits for the design of the proposed paving and drainage construction by TxDOT. He was responsible for the utility conflict management and coordination with the design plans. *(Previous Employer)*

16. Staff Experience:

Firm employed by: **T. Baker Smith, LLC**			
Name	**Lawrence Toups, IV, PE**	Years of relevant experience with this employer	**4**
Title	**Construction Engineering/Inspection Group Leader**	Years of relevant experience with other employer(s)	**16**

Degree(s) / Years / Specialization			**Bachelor of Science / 2002 / Civil Engineering**
Active registration number / state / expiration date			**35155 / Louisiana / 03/31/2024**
Year registered	**2009**	Discipline	**Civil**
Contract role(s) / brief description of responsibilities			**Lawrence Toups will serve as the construction/inspection group leader provide construction support.**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
Lawrence has 20 years of experience conducting, leading, and managing infrastructure inspection, construction, and rehabilitation projects. He has served as resident engineer for major public and private infrastructure projects where he has been charged with ensuring compliance with the owner's plans and specifications and completion of the project in a timely manner. He has also conducted construction monitoring and inspection for numerous bridge replacement and rehabilitation projects and other structures of varying types. Lawrence will serve in a Construction Support Role and provide guidance and supervision of any special provision prior to bidding, as well as any assistance in reviewing and responding to Contractor RFI's, Submittals, and Shop Drawings.	
01/19 – 01/19	**Move Ascension, Ascension Parish Government, Ascension Parish, LA –** Construction Engineering and Inspection Group Leader. Managed a project to rehabilitate and upgrade various roadways and bridges throughout Ascension Parish. Mr. Toups led a bridge inspection for this project, and is providing additional construction administration and technical construction oversight of assigned bridge construction projects later in the year.
05/19 – 07/19	**S.P. No. H.011152, I-12 Widening (US 190 to LA 59), LADOTD, St. Tammany Parish, LA –** Construction Engineering and Inspection Group Leader. Managed field survey of signs, document review for the locations for roadway and bridge borings along I-12 for a 4-mile F-3 Interstate widening project.
08/12 – 11/18 Previous Employer	**2017-032-RBP, West Esplanade Avenue Restoration Eastbound, Tartan Drive To Haring Road, Jefferson Parish Government, Jefferson Parish, LA –** Construction Engineering and Inspection Group Leader. He led the project to rehabilitate a ½-mile section of West Esplanade Avenue. In this role, he advised the project manager in supervising the technical effort of the full-time construction inspectors subcontracted through Hartman Engineering. He also monitored the staffing and scope of the construction services provided for the owner on site. He reviewed submittals and RFIs related to the construction of the roadway and drainage structures for compliance with the plans, specifications, and applicable design guidelines. He also coordinated with contractors, the owner's representatives, and other technical personnel to enable the roadway and drainage structures to be constructed according to the contract documents and within time limitations and budget.
02/17 – 11/18 Previous Employer	**SPN H.009730.5, UT Bridge Pin & Hanger Inspection, LADOTD –** Project Manager. Managed a project to UT inspect 608 bridge pins and hangers of 22 steel girder bridges for the LADOTD. Supervised the technical efforts of the inspectors on site. Monitored the staffing, scope, and budget of the project to ensure a successful and profitable outcome. Coordinated with contractors, the owner's representatives, and other project managers in order to enable the bridge pins and hangers to be inspected according to the contract documents and within time limitations and budget.

16. Staff Experience:

Firm employed by Vectura Consulting Services, LLC			
Name	**Sheelagh Brin Ferlito, PE, PTOE**	Years of experience with this firm/employer	**7**
Title	**Principal**	Years of experience with other firm(s)/employer(s)	**27**

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

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
07/21 - Current	**H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, Louisiana)** Brin is the task leaders for Vectura for the Construction Engineering and Inspection of 24 traffic signals. Brin oversaw the review of signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Brin and Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.
07/19 – current	**H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement PPP (Belle Chasse, LA)** Brin is the project manager for the temporary and permanent traffic signal plans for the intersections of LA 23 at Burmaster St and at Engineers Rd. She based her traffic signal plans on design year volumes that were developed using growth rates from the New Orleans Regional Planning Commission Travel Demand Model. This project is the first ever Public-Private-Partnership performed by Louisiana DOTD. She coordinated the detour plans based on the sequence of construction as part of the Level 2 Transportation Management Plan (TMP).
09/20 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish)** Brin is the project manager for the design of temporary traffic signal plans that will be implemented during the roundabout construction along LA 30 in Gonzales, LA. The project involves replacing three existing signalized intersections with multilane roundabouts along LA 30 at I-10 Interchange ramps and at the Tanger Boulevard. Vectura also developed signal timing plans for each phase of the construction to maintain progression along LA 30.
02/20 – 11/21	**H.010616 DOTD I:20 LA 544 Overpass Replacement (Ruston, LA)** Brin is the project manager for the Transportation Management Plan (TMP) as part of a design for a bridge replacement and three roundabouts in Ruston, LA. The TMP was a Level 2 and included evaluation of 10 Sequence of Construction Phases. Detours included rerouting traffic to other interchanges at nighttime only, rerouting traffic from I-20 to the off ramp and on ramp at nighttime only, and rerouting traffic to service roads in vicinity of the project. Brin coordinated the queue analysis with DOTD to determine when lane closures would be allowed utilizing 24-hour tube counts. She will also coordinate the development of temporary traffic signal plans for this project as well.
07/18 – 04/19	**LA 1 Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Design West Baton Rouge Parish, Addis, LA** Brin developed a Pedestrian Crosswalk Study and Traffic Signal Construction Plans for the intersection of LA 1 at LA 990 in Addis, LA. The study was based on DOTD Traffic Engineering Manual Crosswalk Guidelines followed by traffic signal design plans based on DOTD requirements. The study included traffic and pedestrian traffic data collection, a speed study, crash analyses, intersection analyses and progression analyses. The signal plans included pedestrian signal equipment, signal timing parameter calculations, crosswalk striping, signs, DOTD pay items, estimated quantities, and construction cost. Brin also assisted with the Parish with the DOTD Permit Request for Intersection Control Devices on a State Right of Way.
09/17-04/18	**US 11 at US 190 Bus. (Fremaux Ave.) Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Equipment Design Slidell, LA** Brin developed a formal traffic study for a proposed crosswalk with pedestrian traffic signal equipment and pedestrian clearance timings based on DOTD requirements. Brin assisted with vehicle and pedestrian data collection, analyzed 3-year intersection crash data and developed signal timing for pedestrians to cross the street. From the design study, a set of Traffic Signal Modification Plans were developed to implement the recommended alternative.

16. Staff Experience:

Firm employed by Vectura Consulting Services, LLC			
Name	**Laurence Lucius Lambert, II, PE, PTOE, PTP**	Years of experience with this firm/employer	**7**
Title	**Supervisor**	Years of experience with other firm(s)/employer(s)	**18**
Degree(s) / Years / Specialization		**B.S./1997/Civil Engr. M.S./2006/Civil Engr. (Transportation focus) M.B.A./2010**	
Active registration number / state / expiration date		**PE.0029901 / LA / 3/31/2024**	
Year registered	**2001**	Discipline	**Civil**
Contract role(s) / brief description of responsibilities		**TMP Supervisor / Traffic Signal Design QC**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
06/21 – 02/22	**H.013267 Capital Area Pathways Project (Baton Rouge, LA)** Laurence was project manager for a traffic study to evaluate trail crossings at three state routes that required DOTD approval. The traffic study included traffic data collection, safety analysis, existing conditions analysis and alternative analysis. Laurence used the DOTD Traffic Engineering Manual, MUTCD, and FHWA guidance to develop the most effective trail crossing alternatives.
02/21 - 03/21	**H.013256.5 I-10 ITS Scott to Lake Charles (Southwest Louisiana)** Laurence was the lead traffic engineer for a Level 2 Traffic Management Plan (TMP) for the construction of ITS equipment along I-10. The plan included a safety strategy that included a CAT Scan, LOS determination utilizing Citrix data, lane closure recommendations based on a queue analysis and public information strategies.
04/18 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger & I-10 Gonzales (Ascension, LA)** Laurence provided a Quality Control review of the temporary construction and sequence of construction plans. Vectura also provided Quality Control review of signing and striping plans at 30% and 60% plan sets to ensure the roundabouts conformed to the Pavement Markings Details Sheet PM-09 and the MUTCD details on roundabouts.
04/18 – 12/21	**H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish)** Laurence provided a Quality Control review of the temporary construction and sequence of construction plans. Vectura also provided Quality Control review of signing and striping plans at 30% and 60% plan sets to ensure the roundabouts conformed to the Pavement Markings Details Sheet PM-09 and the Manual on Uniform Traffic Control Devices (MUTCD) details on roundabouts.
02/20 – 09/21	**College Drive Corridor Enhancement from Perkins Road to I-10 (Baton Rouge, LA) Laurence was the project manager to develop Chapter 1 (Data Collection), Appendix A (Initial Data Collection), and Appendix B (Final Dat**a Collection) for proposed improvements College Drive. Since the I-10 interchange was included in the study, approval from DOTD was required. After the 7-day, 24-hour counts were collected in March of 2020, DOTD stopped all data collection due to the impacts of COVID-19. After a pause of a year, Vectura closely worked with the City of Baton Rouge and DOTD to provide sufficient data that traffic patterns were returning to pre-COVID conditions and allowed PM peak hour data to be collected. Vectura collected, turning movement counts, 85% speed data, travel time runs, queue measurements, field observations, verification of Traffic Signal Inventories, and bicycle / pedestrian / transit observations.
10/17 - 10/18	**H.013025 LA 182 (University Avenue) Corridor Planning Study (Lafayette, LA) Laurence was the lead transportation engineer for a Corridor Planning Study for LA 182. The scope focused on improving safety and mobilit**y for pedestrian, bicycle, and transit users. Laurence collected AM & PM peak vehicle turning movement counts as well as pedestrian and bicycle counts. Laurence coordinated with the Acadiana Planning Commission to develop growth rates and design year volumes. Laurence then performed Highway Capacity Manual analysis for 5 intersections along the intersection analyses for the signalized and roundabout controlled alternatives. Included in the study was a safety analyses of five intersections and the intermediate segments. Based on the results of the safety analysis, Laurence provided design criteria to the design team for improving safety of pedestrians, bicycles, and vehicles.

16. Staff Experience:

Firm employed by: **Vectura Consulting Services, LLC**			
Name	**Kristen Gahagan Farrington, PE, PTOE**	Years of relevant experience with this employer	**1**
Title	**Project Traffic Engineer**	Years of relevant experience with other employer(s)	**7**
Degree(s) / Years / Specialization		**B.S. / 2014/ Civil Engineering**	
Active registration number / state / expiration date		**PE.0042785 / LA / 3/31/2023**	
Year registered	**2016**	Discipline	**Civil**
Contract role(s) / brief description of responsibilities		**Project Engineer for Traffic Control Design, Signal CE&I and TMP**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
06/21 – 02/22	**H.013267 Capital Area Pathways Project (Baton Rouge, LA)** Kristen was a project engineer for a traffic study to evaluate trail crossings at three state routes that required DOTD approval. The traffic design study included traffic data collection, safety analysis, existing conditions analysis and alternative analysis. Laurence used the DOTD Traffic Engineering Manual, MUTCD, and FHWA guidance to develop the most effective trail crossing alternatives.
03/19 – 11/19	**H.012311 LA 429 Connector Stage 0 (Ascension Parish)** Kristen was the task leader for the preparation of a Stage 0 study to evaluate alignments for a limited-access corridor (LA 429) near I-10, between LA 30, LA 73, and US 61. Two alternatives for the widening and reconstruction of LA 429 were evaluated. The scope consisted of stakeholder and public meetings, site visits and data collection, phasing of alternative development for the corridor, scope and budget checklists, and an opinion of probable cost to prepare the Stage 0 Report. Kristen served as the civil engineer responsible for designing high level concept exhibits and comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes, coordinated with interchange study consultants for a cohesive project, and wrote report.
09/17 – 09/18	**H.011160 LA 73 Corridor Study Stage 0 (LA 74 to LA 621) (Ascension Parish)** Kristen was the designer responsible for concept development, report writing, and impact analysis for a Stage 0 study. The purpose of the study was to evaluate conceptual alternatives to improve capacity and operations along the LA 73 corridor and its connecting transportation network. The scope included the evaluation of three interchange configurations for the interchange of I-10 at LA 73 in conjunction with two corridor alternatives for LA 73, resulting in six different alternatives for which line and grade, impacts, and high-level cost estimates were prepared.
04/18 – 04/19	**H.011243.1 I-49 at US 190 and LA 31 Interchange Improvements Stage 0 (St. Landry Parish)** Kristen was the project engineer responsible for crash and safety analysis, report writing, planning, and designing for this Stage 0 Study to evaluate alternatives to improve traffic operations and safety at the I-49 interchanges with US 190 and LA 31. Crash and safety analysis was performed using the LADOTD CAT Scan tool and IHSDM, and line and grade was prepared to DOTD Design Standards for various corridors, including arterial collectors and freeway ramps. Close coordination with traffic engineer ensured maximum improvement of safety and operations given limited right-of-way and utility conflicts along the corridors.
04/19 – 6/21	**H.013817.1 A 117 Improvements Stage 0 (Vernon and Natchitoches Parishes)** Kristen served as project engineer responsible for a Stage 0 study for 18 miles of two-lane LA 117 from LA 8 to LA 118. The study evaluated the impacts of correcting deficient vertical and horizontal geometry along the corridor, widening for the addition of shoulders, and adding passing lanes and turn lanes at strategic locations along the corridor. Kristen was responsible for performing the safety analysis including crash rate number method, over-representation, CAT Scan quality assurance, HSM existing safety analysis, and No-Build Analysis. Kristen designed high-level concept exhibits, evaluated environmental impacts, and prepared high level cost estimates and comparison matrices to determine which preliminary alternatives best meet the purpose and need of the project. Kristen compiled all findings in the Stage 0 report and coordinated with stakeholders and local agencies to ensure purpose and need of project is met.

16. Staff Experience:

Firm employed by	Vectura Consulting Services, LLC		
Name	**Prasanth Malisetty, PE, PTOE, PTP, RSP1**	Years of experience with this firm/employer	**1**
Title	**Senior Project Engineer**	Years of experience with other firm(s)/employer(s)	**17**
Degree(s) / Years / Specialization		**B.E. / 2003/ Civil Engineering; M.S. / 2004/ Civil Engineering**	
Active registration number / state / expiration date		**PE.0035792 / LA / 3/31/2023**	
Year registered	**2010**	Discipline	**Civil**
Contract role(s) / brief description of responsibilities		**Senior Project Engineer for Traffic Control Design, Signal CE&I and TMP**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
09/20 – 12/21	**H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish)** Prasanth was the lead design engineering for temporary signal design associated with the sequence of construction for the roundabout at US 171 at Boone St.
09/20 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish)** Prasanth was the lead design engineering to produce the temporary signal design associated with the sequence of construction for the roundabouts on LA 30 in Gonzales, LA. This project consists of eight proposed construction phases.
02/21 – 02/22	**MOVEBR LA 67 (Plank Road) Enhancement Project, Baton Rouge, LA, 2020-2021** Prasanth was a senior project engineer to enhance transit, bicycle, and pedestrian mobility on LA 67 (Plank Road) that required City-Parish and DOTD approval. Laurence and Prasanth developed traffic operations evaluation of the traffic study which included traffic signal timing evaluations.
01/21 – 05/21	**H.013256 - I-10 ITS Scott to Lake Charles (Lafayette, Acadia, and Jefferson Davis Parishes)** Prasanth and Reece were responsible for measuring anticipated construction quantities and producing a cost estimate for fifteen sites along I-10 where CCTV cameras were being installed by using DOTD's Bid Tabulation and Cost Estimating Tool.
12/18 – 7/20	**H.002297 LA 37 Sullivan Road to Liberty Road (Baton Rouge)** Prasanth was the project manager to develop feasible roadway improvements that will improve operation and increase safety along the LA 37 corridor. The project included data collection, development of growth rates, existing and future traffic analyses. Prasanth was responsible for traffic forecasting for no-build and future alternatives using the CRPC travel demand models. Also, performed the existing and future traffic analysis and propose potential alternatives to mitigate existing deficiencies.
11/17 – 12/18	**H.013264 District 08 Safety Investment Plan (Louisiana)** Prasanth was the project engineer responsible for preforming districtwide safety analysis and preliminary engineering studies for various locations considered high potential for safety improvements. Responsible for evaluating crash statistics to identify possible roadway issues by using appropriate safety analysis tools and recommend potential operation safety countermeasures. Developed Countermeasure Evaluation Tool (CET) tool which aid in determining total crash reduction for each proposed countermeasure with associated cost savings and perform benefit / cost analysis.
8/10 – 2/18	**DOTD Traffic Engineering Contracts (Statewide, LA)** As a project engineer for numerous task orders for Traffic Signal Timing Studies and Designs, Prasanth was responsible for coordinating data collection tasks, intersection analysis, crash analysis, developing coordinated signal timing plans and field implementation / fine tuning along 27 corridors throughout statewide which involved 264 intersections. Following are the list of corridors • District 04; LA 1, LA 526 & US 171, Shreveport, LA; LA 3, LA 3105 & LA 72, Bossier, LA – 110 intersections, 7 corridors • District 02; LA 3040 & LA 57, Houma, LA; LA 20, Thibodaux, LA; US 61, New Orleans, LA – 44 intersections, 4 corridors • District 62; US 11, Slidell, LA; LA 19, Baker, LA; LA 44, Gonzales, LA; LA 3124 & LA 60, Bogalusa, LA; LA 10 Franklinton, LA; LA 16, Amite, LA; LA 38, Kentwood, LA; LA 25, Folsom, LA – 68 intersections, 9 corridors

16. Staff Experience:

Firm employed by Vectura Consulting Services, LLC			
Name	**Reece Rodrigue, PE, PTOE**	Years of experience with this firm/employer	**2**
Title	**Project Traffic Engineer**	Years of experience with other firm(s)/employer(s)	**7**
Degree(s) / Years / Specialization		**B.S. / 2013/ Civil Engineering**	
Active registration number / state / expiration date		**PE.0042074 / LA / 3/31/2024**	
Year registered	**2017**	Discipline	**Civil**
Contract role(s) / brief description of responsibilities		**Project Engineer for Traffic Control Design, Signal CE&I and TMP**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
07/21 – Current	**H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge)** Reece is part of the team responsible for Construction Engineering and Inspection. Reece has reviewed the signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.
01/21 – 05/21	**H.013256 - I-10 ITS Scott to Lake Charles (Lafayette, Acadia, and Jefferson Davis Parishes)** Reece was a member of the sub-consultant team who was tasked with reviewing the ITS plans for 15 sites along I-10 where CCTV cameras were being installed. Reece was responsible for measuring anticipated construction quantities and producing a cost estimate for said quantities by using DOTD's Bid Tabulation and Cost Estimating Tool.
09/20 – 12/21	**H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish)** Reece was a project engineer, who participated in the production of the temporary signal design associated with the sequence of construction for the roundabout at US 171 at Boone St. He conducted a thorough analysis of the US 171 corridor's existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.
09/20 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish)** Reece was a project engineer, who assisted in the production of the temporary signal design associated with the sequence of construction for the roundabouts on LA 30 in Gonzales, LA. This project consists of eight proposed construction phases. He assisted in calculating the temporary pole heights, determining the placement location for the temporary poles for each phase, measuring and calculating clearance intervals. Reece conducted a thorough analysis of the LA 30 corridor's existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.
04/20 - Current	**H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project (Belle Chasse)** Reece is the project engineer who designed the temporary traffic signal for the intersection of LA 23 at Engineers Rd. The design of the temporary signals is set for eight phases of construction per the anticipated sequence of construction. Temporary pole location and heights were recommended for placement for use for all construction phases. Vehicle clearance interval calculations were conducted for each phase in accordance with DOTD and ITE guidance. Reece is responsible for producing the traffic impact analysis portion of the Traffic Management Plan, which were also used in planning for the permanent and temporary signal timing plans. Reece was also responsible for the production of permanent signal plans for the LA 23 intersections at Engineers Road and at Burmaster Street. He evaluated STOP bar locations, calculated vehicle, and pedestrian clearance intervals, designed the railroad preemption sequence for both at-grade crossings, designed the wiring layout, and developed the interconnect plan. Reece maintains correspondence with the fellow design engineering team for product consistency. In addition, Reece was responsible for reviewing and approving shop drawings that were submitted by the contractor for use in construction.

17. Firm Experience:

Firm name	**T. Baker Smith, LLC**			Past Performance Evaluation Discipline(s)*	**Road**
Project name	**I-12 Widening (US 190 to LA 59)**			Firm responsibility (prime or sub?)	**Prime**
Project number	**H.011152**	Owner's name	**Louisiana DOTD**		
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)	**09/16**	Total consultant contract cost ($1,000's)	**$ 2,894**		
Services completed by this firm (mm/yy)	**Ongoing**	Cost of consultant services provided by this firm ($1,000's)	**$ 2,600**		

Team Members Highlighted in this Proposal: Paul Olivier, PE; Daniel Binet, PE; Lawrence Toups, IV, PE; Andrée Cortez, PE, PMP; Kelly Radecker, PE; Sam Mestayer, PE; Luke Bourg; Laramey Leet; Christian Haynes; Lisa Osborne; Paul Carroll, PE

The I-12 Widening project consisted of approximately four miles of Interstate widening in St. Tammany Parish between US 190 and LA 59. The project included three lanes in both the Westbound and Eastbound directions, with associated bridge widening and remedial work at the interchange ramps. The project began West of the I-12/US 190 interchange and ended at the I-12/LA 59 interchange. Included within these limits were three bridge sites for a total of six structures including I-12 over US 190, I-12 over Pontchitolawa Creek, and I-12 over Tammany Trace/Ohio Railroad.

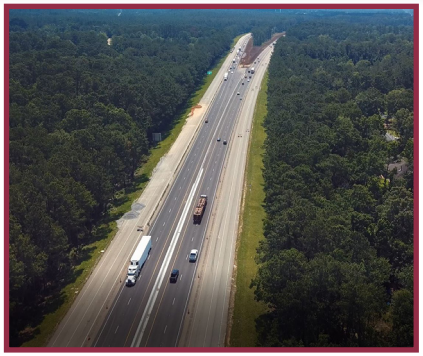
The widening occurred to the inside of the existing 4-lane interstate and included the removal of the inside shoulder and replacement with a full depth, asphalt pavement section, including an OGFC layer. The inside widening included a 12' travel lane and a 17' inside shoulder which spanned from the edge of the travel lane to the face of the 54" concrete median barrier. The median barrier included a variety of modified design and plan elements such as a single slope 54" concrete barrier on footing, transitions to bridge railing, roadway barriers at approach slabs, median barriers transitions for overhead signs and DMS, median barrier transition for light poles and adjusted barrier height for profile grade variance.

Additional roadway design considerations included superelevated roadway design and transitions, hydraulic analysis and design of multiple bridge and box culvert locations, retaining walls, modified pier protection design, graphical grading at entrance and exit ramps, and permanent marking and signing layouts. Major construction phasing was also required along mainline interstate as well as the interchanges at US 190 and LA 59 including temporary detour roads and construction access details. In addition to the above, multiple pavement design techniques were incorporated including mill and overlay, full reconstruction, and spot binder course replacement. The considerations were made in an attempt to improve the current vertical alignment, which had been severely modified since the original design due to years of asphalt overlays, specifically at the tie in of all approach slab locations.

T. Baker Smith is currently serving in a Construction Support Role and reviewing and responding to Contractor RFI's, Shop Drawings and Submittals. TBS is also responsible for providing DOTD with revised Pavement Marking Layout Sheets and Permanent Sign Summary Sheets revolving around the conformance of the 3 state projects within the corridor due to the different letting dates of all projects.

The project schedule was accelerated and Final Plans were completed in 5 months.

Tasks Relating to RFQ	
Road Design	✓
Level 4 TMP	✓
Surveying	✓
Hydraulic Design	✓
Construction Support	✓



17. Firm Experience:

Firm name	**T. Baker Smith, LLC**	Past Performance Evaluation Discipline(s)*	**Road**
Project name	**I-12 to Bush: LA 3241 (LA 435 to LA 40/41)**	Firm responsibility (prime or sub?)	**Prime**
Project number	**H.004113**	Owner's name	**Louisiana DOTD**
Project location	**St. Tammany Parish, LA**	Owner's Project Manager	**Joachim C. Umeozulu, PE**
Owner's address, phone, email	**1201 Capitol Access Rd., Baton Rouge, LA 70802, 225.379.1386, joachim.umeozulu@la.gov**		
Services commenced by this firm (mm/yy)	**03/14**	Total consultant contract cost ($1,000's)	**$ 2,679**
Services completed by this firm (mm/yy)	**Ongoing**	Cost of consultant services provided by this firm ($1,000's)	**$ 1,818**

Team Members Highlighted in this Proposal: Paul Olivier, PE; Andrée Cortez, PE, PMP; Daniel Binet, PE; Paul Carroll, PE; Rene Hebert, PLS, PMP; Lisa Osborne; TJ Stokes, PE; Laramey Leet; Christian Haynes

The I-12 to Bush project is 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 is 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 is broken into three segments for design TBS is 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.

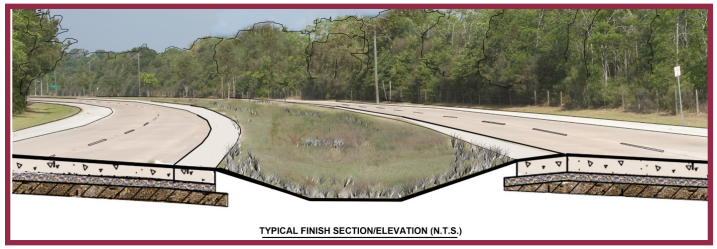
Segment 3 will traverse entirely on new alignment through virgin territory consisting of four lanes with inside and outside shoulders and a depressed median. This high-speed corridor is being designed to RA-2 and RA-3 criteria with control of access throughout much of the project. The project includes several large drainage structures as well as a Type III girder style bridge approximately 500' long over Talisheek Creek.

The scope of services include 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 also provided Final Right of Way Maps for the project.

TBS submitted 100% Final Plans to LADOTD in June 2022 and Construction has since begun. TBS is currently serving in a Construction Support Role, reviewing Contractor RFI's and Submittals.

TBS performed 100% of the project in Louisiana.



Tasks Relating to RFQ	
Road Design	✓
Surveying	✓
Hydraulic Design	✓
Traffic Management Plan	✓
Construction Support	✓

17. Firm Experience:

Firm name	**T. Baker Smith, LLC**			Past Performance Evaluation Discipline(s)*	**Road**
Project name	**US 190: LA 437 to US 190 BUS (Ph. 1)**			Firm responsibility (prime or sub?)	**Prime**
Project number	**H.001344**	Owner's name	**Louisiana DOTD**		
Project location	**St. Tammany Parish, LA**	Owner's Project Manager	**Corey Landry, PE**		
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)	**10/18**	Total consultant contract cost ($1,000's)	**$ 1,722**		
Services completed by this firm (mm/yy)	**Ongoing**	Cost of consultant services provided by this firm ($1,000's)	**$ 1,095**		

Team Members Highlighted in this Proposal: Paul Olivier, PE; Daniel Binet, PE; Andrée Cortez, PE, PMP; Sam Mestayer, PE; Luke Bourg; Lisa Osborne

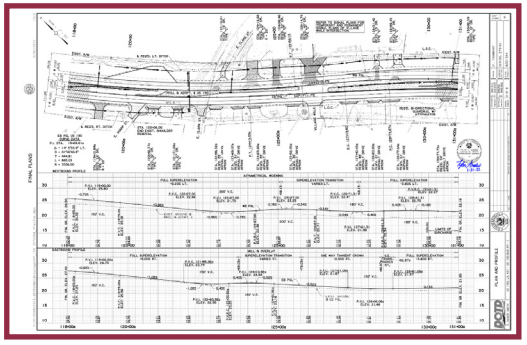
Phase 1 of the US 190 widening from LA 437 to US 190 BUS involves asymmetrical urban roadway widening and the design of a new 1,400' long bridge over the Bogue Falaya River increase the capacity of US 190 from two lanes to four lanes beginning at LA 437 (N. Lee Rd.) and ending at US 190 BUS on the south side of the Bogue Falaya River in Covington, LA. Currently, US 190 transitions from four lanes to two lanes to cross the Bogue Falaya River just north of US 190 BUS. The roadway is classified as an Urban Arterial with right of way access and is in a heavily commercial use corridor. Phase 1 design also accommodates future Phases 2, 2a and 3 of the project which includes up to 10 multi-lane roundabouts along the corridor to replace existing signalized intersections. The Phase 1 bridge over the Bogue Falaya River will accommodate future ramps from the LA 21 & US 190 BUS roundabouts onto US 190 westbound. In Phase 3, the existing steel W-beam girder bridge will be replaced with a bridge similar to Phase 1.

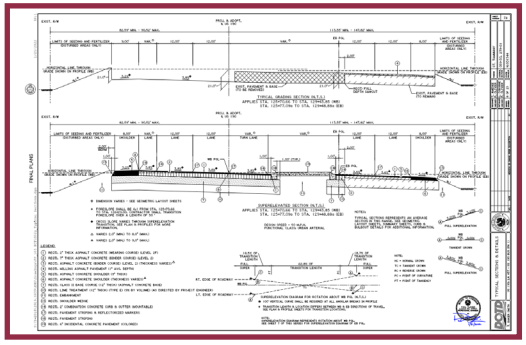
The Phase 1 bridge over the Bogue Falaya River is being designed with a clear width of 54 feet (3-12' lanes, 8' and 10' shoulders) and a total length of 1,400 feet. The bridge utilizes LG-36 and LG 54 girders on column bents and incorporates all current BDEM Rev. 8 requirements for deck link slabs (floating spans). The new Phase 1 bridge spans LA 21, the Tammany Trace bike trail and the Bogue Falaya River. The bridge includes both horizontal and vertical curvature and is superelevated near 4%. The roadway widening occurs to the east side of US 190 and is in superelevation for the majority of the project. Raised concrete splitter and channelization islands are designed throughout the project including directional U-turns in the median and at left turn lanes at the signalized intersections of Village Walk and LA 437. Roadway widening design includes varying width roadway sections, varying height PGL's from eastbound to westbound sides due to horizontal curvature and superelevation swapping.

Additional design elements include subsurface storm sewer network design, site specific commercial drives and grading, traffic management plans, non-standard pier protection design, permanent steel retaining wall, and utility conflict matrix development and utility management. Geotechnical exploration logs were taken in the Bogue Falaya River and along the alignment of the roadway widening and settlement plate monitoring was required due to the embankment build up.

TBS has signed and delivered the 100% Final Plans in January 2022 and was responsible for all preliminary and final roadway and bridge design and plans, LRFR Load Rating, Traffic Management Plans, Utility Conflict Matrices and Project Management. TBS assisted the DOTD Project Manager during the Bidding Process and is currently serving in a Construction Support Role upon awarding the Project.

Tasks Relating to RFQ	
Road Design	✓
Construction Support	✓
Traffic Management Plan	✓





TBS performed 100% of the project in Louisiana.

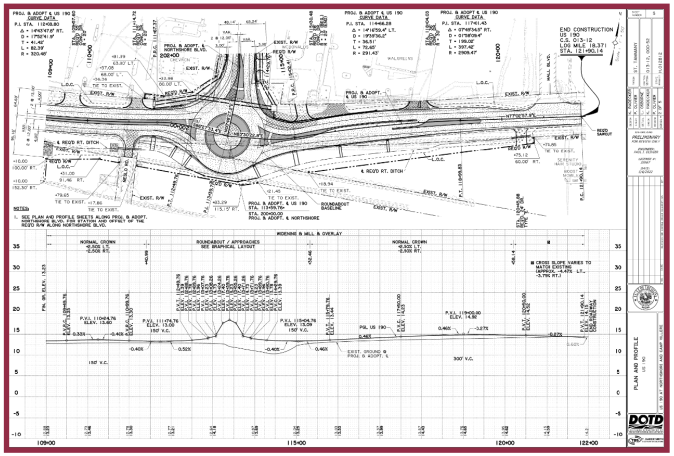
17. Firm Experience:

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 DOTD**		
Project location	**St. Tammany Parish, LA**		Owner's Project Manager	**Jacob Fuselier, PE**	
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 ($1,000's)		**$ 541**
Services completed by this firm (mm/yy)	**Ongoing**		Cost of consultant services provided by this firm ($1,000's)		**$ 498**

Team Members Highlighted in this Proposal: Paul Olivier, PE; Kelly Radecker, PE; Lisa Osborne; Luke Bourg

The US 190 at Northshore and Camp Villere project involves upgrading existing signalized intersections at US 190 and Northshore Blvd (Airport Road) and US 190 at Camp Villere with roundabouts to improve efficiency and safety along this corridor near Slidell, LA. Within the project area, Northshore Blvd is a 4-lane divided urban corridor which intersects with US 190, a 3-lane urban arterial. A three-legged, multi lane roundabout is being designed as the replacement of the existing signalized intersection at this location. Avoidance of adjacent commercial properties and the nearby Tammany Trace is held paramount during design. Included within the project, the nearby stop controlled intersection of US 190 and Camp Villere Rd. is being replaced with a three-legged single lane roundabout. All roundabouts are being designed to accommodate pedestrian movements with sidewalks and splitter island accessibility. In addition to eliminating any R/W takings from the St. Tammany Trace Bike Path, careful consideration was taking in accommodating a major subsurface drainage network including multiple 54" side and cross drain pipes running alongside US 190.

T. Baker Smith is serving as the Prime Consultant on the project and is providing all roadway design, hydraulic design and analysis, preliminary and final plan development, traffic management plans, and a specialized and detailed written construction phasing plan. TBS is also coordinating and performing quality control of all work performed by the sub-consultant including temporary traffic signal design, pavement marking layout, and permanent signing layout. Hydraulic design elements included inlet spacing calculations, storm sewer drainage design, and major cross drain calculations, including 3 - 5' x 5' Reinforced Concrete Box Culverts. All turning movements were performed in AutoTurn, and were provided for both permanent construction and temporary traffic sequencing. A Final Design Review Meeting for this project will be held in June 2022, with 100% Final Plans expected to be delivered in August 2022. This project is set for letting at the end of 2022.



TBS performed 100% of the project in Louisiana.

Tasks Relating to RFQ	
Road Design	✓
Hydraulic Design	✓

17. Firm Experience:

Firm name	**T. Baker Smith, LLC**	Past Performance Evaluation Discipline(s)*	**Road**
Project name	**Bayou Gardens Blvd. Extension: LA 660 to LA 316**	Firm responsibility (prime or sub?)	**Prime**
Project number	**07-EXT-22**	Owner's name	**Terrebonne Parish Consolidated Government**
Project location	**Terrebonne Parish, LA**	Owner's Project Manager	**Al Levron**
Owner's address, phone, email	**8026 Main Street, Houma, LA 70360, 985.873.6407, allevron@tpcg.org**		
Services commenced by this firm (mm/yy)	**03/09**	Total consultant contract cost ($1,000's)	**$ 1,500**
Services completed by this firm (mm/yy)	**01/17**	Cost of consultant services provided by this firm ($1,000's)	**$ 1,000**

Team Members Highlighted in this Proposal: Paul Olivier, PE; Andrée Cortez, PE, PMP; Daniel Binet, PE; David Martinez, PLS; Rene Hebert, PLS, PMP; Lisa Osborne

The Bayou Gardens Extension project was a continuation of the Bayou Gardens Extension and Widening projects (S.P. 742-05-0099 & 742-07-0019) completed by TBS in 2000, which consisted of widening the two-lane highway to four lanes with a 300-foot wide grassed median and the extension thereof. Before the project began, Bayou Gardens Blvd. formed a three-legged "Tee" intersection at LA 660 (Coteau Road). The Bayou Gardens Extension project extended this roadway to connect LA 660 with LA 316 (Bayou Blue Road) and consisted of a four-lane roadway (UA-2 classification) with a raised median. The project consisted of approximately 1.6 miles of concrete roadway and twin, seven-span, 140' long, curved, cast-in-place bridges over St. Louis Bayou. The project was divided into two phases. The first phase included constructing two of the proposed four lanes of the project and the second phase would complete the four-lane corridor. Each phase was divided into two "sub-phases" which included embankment surcharge programs from the roadway lanes being constructed. The embankment was allowed to surcharge for ten months prior to the roadway paving and bridge construction portions.

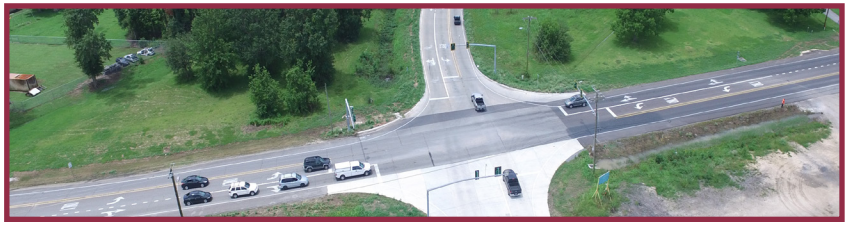
TBS completed the embankment surcharge phase for the first two lanes in August 2012 and construction was completed in November 2013. TBS completed the final design of the roadway paving and bridge phase for the first two lanes of the corridor, which was bid in mid-2014. Construction for Phase II began in 2015 and was completed in 2017. Preliminary design of the remaining two lanes of the corridor was completed during the initial design phase of the project. Included in the paving and bridge phase for the first two lanes of the corridor was approximately 4,000 linear feet of left and right turn lanes on LA 316 and LA 660 and a right turn lane along the existing Bayou Gardens Blvd. Turn lane plans included signal upgrades/relocations, utility relocation and right of way acquisition. Bayou Gardens Extension traversed two major pipeline corridors, which required extensive coordination for the relocation of these facilities.

TBS was responsible for all topographic surveying including subsurface utility engineering involved with the various utility conflicts along the corridor in general accordance with CI/ASCE 38-02 designation and location of pipelines and utilities within the roadway corridor and along the widening sections for the turn lane sections along LA 660 and LA 316. Utilities along the corridor included two natural gas pipelines, one crude oil pipeline, sewer, water, telecommunications (copper and fiber) and gas distribution. TBS provided records research, reconnaissance and survey location of above ground features of utilities, Quality Level B designation of subsurface utilities including horizontal positioning (designation used GPR, electromagnetic and other methods) and utility mapping, which was provided to the various utility owners.

TBS coordinated utility designations with utility owners and provided conceptual utility relocation designs and actual utility relocation designs of some facilities. Utility coordination continued with 3rd party relocation design coordination, cost estimates, construction quotations, as-built locations and utility reimbursement agreements between utility owners and TBS' client. Construction for Phase I of the project was completed in November 2013 and Construction for Phase II was completed in January 2017.

TBS performed 100% of the project in Louisiana.

Tasks Relating to RFQ	
Road Design	✓
Topographic Survey	✓
Hydraulic Design	✓
Environmental Support	✓
Construction Support	✓



17. Firm Experience:

Firm name	**Vectura Consulting Services, LLC**	Past Performance Evaluation Discipline(s)*	**TM**
Project name	**I12 to Bush - LA 3241 (I12 - LA36) Corridor Study**	Firm responsibility (prime or sub?)	**Sub**
Project number	**H.004957.5**	Owner's name	**DOTD**
Project location	**Lacombe, LA**	Owner's Project Manager	**Joachim C Umeozulu, PE**
Owner's address, phone, email	**1201 Capitol Access Road, Baton Rouge, LA 70802, 225.379.1386, Joachim.Umeozulu@la.gov**		
Services commenced by this firm (mm/yy)	**09/16**	Total consultant contract cost ($1,000's)	**$1,895,000**
Services completed by this firm (mm/yy)	**05/17**	Cost of consultant services provided by this firm ($1,000's)	**$84,000**

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

* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.

As part of the DOTD TIMED program, Vectura prepared a formal traffic study for the new alignment of LA 3241. The traffic study examined concepts that improved the safety and efficiency of the roadway consistent with the latest DOTD policies related to access management and complete streets. The study included analyses for intersection and corridor improvements such as median openings, spacing of openings, signalized, unsignalized and roundabout intersections.

Task 1 Data Collection

Vectura collected the following traffic data for 10 intersections:

- 7-day (mainlines) and 2-day (side streets) 24-hour tube counts with vehicle classification
- Turning movement counts for morning and evening peak periods
- 15-minute driveway counts
- Traffic Signal warrants, radar speed studies and sight distance evaluation
- Developed growth rate methodology and AM and PM peak forecast traffic volumes

Task 2 Traffic Study

- This task included a roundabout study as defined in EDSM VI.1.1.5, VI.1.1.1 and DOTD Traffic Engineering Manual Section 20.2. This task included the following elements:
- Performed Vistro and Sidra analyses for existing conditions
- Performed Vistro and Sidra analyses for Implementation and Design Years.
- Intersection alternatives included restricted median openings, signalized and unsignalized intersections, median U-turns at existing signal locations, restricted crossing U-turn (RCUT) intersections, and roundabouts
- Developed Vissim model of the preferred corridor layout
- Developed Draft Traffic Study Report (3 copies)

Task 3 Safety Analyses

- Developed 3-year crash analyses report as per DOTD standards

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

17. Firm Experience:

Firm name	**Vectura Consulting Services, LLC**	Past Performance Evaluation Discipline(s)*	**Traffic & CE&I**
Project name	**Belle Chasse Bridge & Tunnel Replacement PPP**	Firm responsibility (prime or sub?)	**Sub**
Project number	**H.004791**	Owner's name	**DOTD**
Project location	**Belle Chasse, LA**	Owner's Project Manager	**Nicholas Olivier, PE**
Owner's address, phone, email	**1201 Capitol Access Road, Baton Rouge, LA 70802, 225.379.1133, Nicholas.Olivier@la.gov**		
Services commenced by this firm (mm/yy)	**04/19**	Total consultant contract cost ($1,000's)	**N/A**
Services completed by this firm (mm/yy)	**Ongoing**	Cost of consultant services provided by this firm ($1,000's)	**$211,890**

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

* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.

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

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

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

17. Firm Experience:

Firm name	**Vectura Consulting Services, LLC**	Past Performance Evaluation Discipline(s)*	**TM**
Project name	**Roundabout: US 171 at Boone St.**	Firm responsibility (prime or sub?)	**Sub**
Project number	**H.011909.5-4**	Owner's name	**DOTD**
Project location	**Vernon Parish, LA**	Owner's Project Manager	**Josh Harrouch**
Owner's address, phone, email	**1201 Capitol Access Road, Baton Rouge, LA 70802, 225.242.4640, Joshua.Harrouch@la.gov**		
Services commenced by this firm (mm/yy)	**11/20**	Total consultant contract cost ($1,000's)	**N/A**
Services completed by this firm (mm/yy)	**12/21**	Cost of consultant services provided by this firm ($1,000's)	**$82,045**

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

* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.

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

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

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

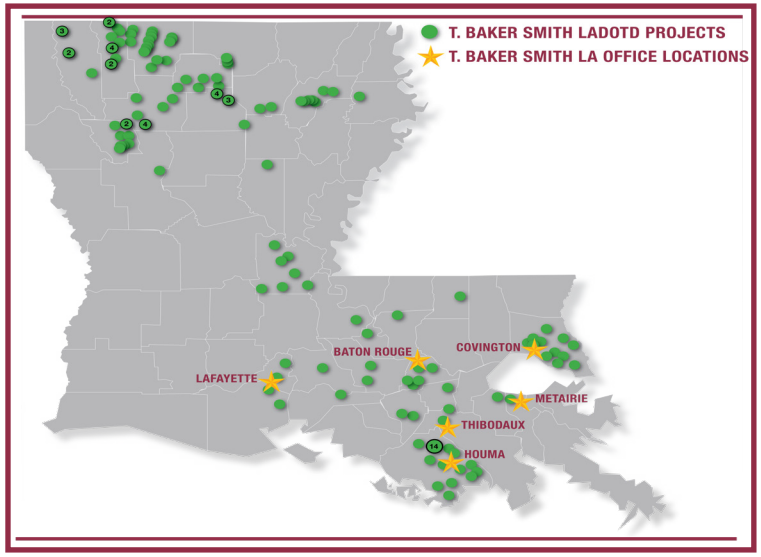
- Detailed study of sequence of construction plans to determine the optimal traffic signal operation and required traffic signal equipment for each sequence of construction phase,
- Reviewed potential access issues for all the impacted driveways / streets along the project area for each sequence of construction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

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

18. Approach and Methodology:

TEAM OVERVIEW

The T. Baker Smith team assembled for this proposal brings forth extensive knowledge and understanding of the scope of work, as well as strong experience and a successful history working alongside LADOTD. Serving as the Prime Consultant, T. Baker Smith (TBS), with assistance from Vectura Consulting Services, offer a full array of survey, Traffic/Roadway/Hydraulic design and construction support services necessary to complete any and all of the tasks issued as a part of the IDIQ Contract for Roadway Design Services. With past project experience encompassing such a wide variety of roadway and hydraulic design elements, the TBS Project Team is confident that we are best suited to tackle any potential project that may be issued through this contract. Offering a wide variety of in-house, integrated services including Survey, Subsurface Utility Engineering (SUE), Road Design, Hydraulic Design, Environmental and Construction Support, TBS is well positioned to produce high quality, streamlined deliverables on time, every time.



With our company headquarters located in Houma, LA and having provided over 100 years of surveying and engineering services throughout the state, T. Baker Smith is well aware of the challenges we face daily with our current infrastructure and is thrilled to have the opportunity to work hand in hand with LADOTD in solving these problems.

TOPOGRAPHIC SURVEYS

Conducting Topographic Survey services in-house provides the TBS team with a leg up on the competition by providing smooth and seamless coordination effort between the Survey and Design teams. Providing this service in-house will allow a collaborative effort between the surveyor and designer prior to, during, and after the field work has been completed. Led by Jean Reulet, PLS, the TBS Survey team has a rich history and working relationship with DOTD through both retainer contracts, as well as stand-alone projects. Several members of the Survey team are TCT/TCS Certified, and TBS also has certified Flaggers on staff if temporary lane closures were needed. TBS is well adept at surveying in challenging environments such as high-speed corridors, swampy terrain, and urban environments and safety for our employees and the general public is our priority. If surveys are required for any project, the TBS Engineering and Survey teams will conduct a joint site visit to identify any potential challenges that may be encountered by the field crew or design elements that may be discovered later on in the planning process. Upon completion of the field survey, and processing of the data, the Surveyor and Engineer will collaborate to review the deliverable and determine if additional information is necessary, this will allow the project to proceed without any surprises that may show up later in design. Having submitted topographic survey deliverables for 16 state projects over the last 3 years, the TBS team understands exactly what is expected in terms of the scope of work and the required deliverables needed to satisfy the survey and design teams.

We understand that Subsurface Utility Engineering (SUE) services and Right-of-Way Mapping are typically provided outside of the scope of this retainer, but if needed, the TBS team is well equipped to handle. Led by TJ Stokes, our SUE group has over 75 years of combined experience, and a very successful track record of producing high quality deliverables, on time. TBS's SUE team of expert engineers and technicians combines cutting-edge technology and decades of experience to help clients mitigate uncertainties and risks associated with existing underground utilities.

ROADWAY DESIGN AND PLAN DEVELOPMENT

INITIAL SCOPING

Prior to the beginning of design and plan development, the project team, with Paul Olivier, P.E. serving as Project Manager, will perform a site visit and conduct a thorough review of the topographic survey deliverable. A preliminary site visit will allow the project team to identify project constraints and solidify design criteria prior to a kickoff meeting with DOTD. After this review is concluded and shortly after receiving our Notice to Proceed from DOTD, the consultant will schedule a kickoff meeting with DOTD including the DOTD PM, as well as all DOTD task members that we anticipate being involved. Early involvement with key DOTD team members will allow the design team to flesh out project scoping, schedule, project constraints, and design criteria. The project team plans on providing DOTD with Draft Roadway Design Report Forms and Hydraulic Design Criteria at the initial kickoff meeting, which will allow the Preoject Team to have a shared vision prior to the beginning of the design.

Early involvement with key DOTD team members will allow the design team to flesh out project scoping, schedule, project constraints, and design criteria.

60% PRELIMINARY PLANS

Submission of the design criteria at the kickoff meeting will allow the design team to get an early jump start in the process. Upon receiving approval from DOTD on the design parameters, TBS will begin 60% Preliminary Design, primarily setting horizontal and vertical alignments, creation of the typical roadway sections, preliminary drainage analysis and design, initial development of the roadway model and limits of construction and setting preliminary right-of-way taking lines. In addition to beginning the preliminary design, TBS will reassess the Draft Design Report Forms, determine any potential Design Exceptions and Waivers, and discuss alternative options with DOTD during the 60% Preliminary Submittal Process. Along with the preliminary plans and design reports, the design team intends to submit 60% hydraulic calculations that will justify design decisions. Ironing out major design decisions, expectations and waivers will eliminate any future disruptions in the project timeline.

95% PRELIMINARY PLANS

After receiving DOTD comments from 60% Preliminary Plans, TBS will provide a Design Review Form with written responses to all DOTD comments, which will be provided at every submittal stage. Kicking off the next phase, the project team will begin compilation of all project pay items and continue to push forward towards the Plan-in-Hand (95% Preliminary) submittal. During this phase of the project, TBS intends on finalizing all major design elements such as horizontal and vertical alignments, pavement design and typical sections, and drainage design. Finalizing major design elements will allow the engineer to set the final limits of construction, which will be the determining factor on whether additional Right-of-Way is required. If R/W is required, the final taking lines will be set and communicated with to DOTD. With experience licensed surveyors in-house, the design team is well adept to coordinating between construction plans and R/W maps and will ensure that minimum conflicts arise during this process. Prior to submitting 90% Preliminary Plans to DOTD, ***TBS will compile a project pay item list and preliminary cost estimate utilizing DOTD's AASHTOWare Project Consultant Estimation Software. Providing Cost Estimates in this program will minimize conflicts between the plans and DOTD by eliminating a "middleman".***

100% PRELIMINARY PLANS

Prior to the 100% Preliminary Plan stage, the project team will schedule a Plan-in-Hand (PIH) meeting with DOTD and other stakeholders. This meeting will involve several members of DOTD at both the HQ and District levels, as well as local agencies, and will be a great opportunity to provide relevant feedback and share information before beginning the final plans portion of the project. TBS will continue to proceed forward with the 100% Preliminary Plan submission, incorporating feedback from DOTD Task Managers as well as the District and local agencies, if necessary. In addition to the plans, TBS will finalize all Design Reports, and any Design Waivers and Exceptions. Submission of the Final Design Waivers and Exceptions will allow the designer and any of the associated DOTD task managers to be on the same page and eliminate any design elements in non-compliance prior to beginning Final Plans. If Right-of-Way impacts are required on any project, TBS would remain fully engaged with the Survey Team, with the goal of submitting the 60% Base R/W Maps, or possibly even the Final R/W Maps, with the 100% Preliminary Plan Submittal.

60% FINAL PLANS

At the 60% Final Plan stage, the designer will have the meat and potatoes portion of the project complete and will focus on a variety of miscellaneous design elements such as striping, signing, detailing and temporary erosion control among others, as well as inclusion of all DOTD Standard Plans and Special Details. The 60% Final Stage will also include the summary breakdown tables, which should provide a final set of pay items, quantities, and accurate

cost estimate. With the bulk of the heavy design completed and approved, TBS will provide fast and efficient Final Plan submission turnarounds.

95% FINAL PLANS

After another round of incorporating comments and submission of the 95% Final Plans, TBS will attend the Final Design Review Meeting, providing the final chance for the Designer, DOTD Task Managers, and the District to meet on the project. As mentioned previously, with the design documentation and the R/W deliverables in the rear-view mirror, this will allow for the Design team to focus on final plan elements.

98% FINAL PLANS

The 98% Final Plan stage will serve as the last version of the plan set that will be reviewed by DOTD. TBS has worked with the Plan Quality Unit (PQU) on numerous past projects and is very familiar with what their expectation of the consultants plans should be. As always, we strive to minimize DOTD comments, which will aid in a timely delivery of plans which is integral to remaining on schedule.

TYPICAL ROAD DESIGN PROJECT SCHEDULE

Stage/ Deliverable	Months																	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Pre-Design Stage																			
Scoping, Data Review, Site Visit																			
NTP/Kickoff Meeting																			
Topographic Survey*																			
Preliminary Plan Development																			
Preliminary Design Reports & Criteria																			
60% Preliminary Plans																			
95% Preliminary Plans																			
Plan-in-Hand Meeting																			
100% Preliminary Plans & Final Design Reports																			
Property Survey & Right-of-Way Mapping*																			
Property Survey and Maps*																			
60% Base R/W Maps*																			
Joint Plan Review Meeting*																			
100% Final R/W Maps*																			
Final Plan Development																			
60% Final Plans																			
95% Final Plans																			
Final Design Review Meeting																			
98% Final Plans																			
100% Final Plans																			

Survey and R/W Mapping shown on an as needed basis.

100% FINAL PLANS

After agreement and incorporation of all DOTD comments and input, the project team will prepare the signed, 100% Final Plans. Alongside the 100% Final Plans, TBS will provide all other required documents including the Final Cost Estimate, TMP Checklist (and TMP Document if necessary), SWPPP Form and the Final Calculations Book.

PLAN DEVELOPMENT CONCLUSION

TBS has a wealth of knowledge and experience in Bentley's Microstation, Inroads and CadConform, and several other roadway and hydraulic design programs including AutoTurn, Torus, Hydrwin and Geo-HecRas. In the event of the software update during the retainer contract, TBS has placed itself on the leading edge of the transition from Bentley Inroads to Bentley Open Roads Designer by participating in an exclusive, 5-day training program provided by Zen Engineering, Inc. With a history of providing a wide variety of roadway design projects, including roundabouts, roadway widening, reconstruction, pavement preservation, and concrete panel replacements.

TBS is well positioned to handle any type of design challenges thrown our way. We fully understand the current economic climate that we're working in and strive to fight rising construction costs by providing value engineering services for all of our designs. We will do everything we can in our power to minimize R/W impacts and utility/pipeline conflicts, while also producing a safe, superior, long lasting, and cost-efficient design.

THE ENVIRONMENTAL PROCESS

Understanding that DOTD may provide Environmental services in-house or through a separate retainer, the TBS team wants to emphasize that we thoroughly understand the process and have Environmental Professionals on staff with a wealth of knowledge on the NEPA process, Wetland Delineations and Project Permitting. TBS has had 17 projects receive Categorical Exclusions (CE) over the last 2 years and understands exactly what it takes to minimize and document project impacts. Aside from pushing through CE documents, TBS can handle all wetland delineations, permit applications and public meeting exhibits in-house. SImilar to that of the Survey and Design Process. This integrated set of services will allow the engineering and environmental teams to work together and provide the highest quality product with the quickest turnaround. Led by TBS' Environmental Manager, Cy Toups, P.E. will work hand in hand with the design team to produce any environmental related documents such as Permit Drawings, Wetland Exhibits, or Public Meeting Exhibits among

many others.

In accordance with EDSM VI.1.1.8, TBS and Vectura will work together through a variety of elements of the TMP Document to ensure it satisfies everyone involved, including DOTD Traffic, DOTD District, and all local stakeholders. The project team will coordinate with DOTD to obtain traffic volume and safety date of the traffic study to perform a safety and alternative route analysis. In addition to this, all relevant stakeholders will be determined and notified, construction phasing and sequencing plans included, adjacent projects identified and project constraints provided. TBS has experience conducting several Level 4 TMP documents for major projects such as I-12 Widening (US 190 to LA 59) and US 190 Widening: LA 437 to US 190 Bus (Ph. 1) and promises to work hand in hand with the DOTD District and local agencies, to ensure that the safest, most efficient plan is implemented

SPECIAL PROVISION WRITE UPS AND CONSTRUCTION SUPPORT

While the majority, if not all, of the design will be predicated on LADOTD's 2016 Standard or Supplemental Specifications, if Special Provision Write-ups are required, TBS is more than capable. In addition to providing past Special Provisions for Non-Standard spec items, TBS has an extensive history working with several smaller, local government agencies whom do not have any set specifications. We have written several Project Specifications, in addition to the preparation of entire Bidding Packages, for several projects listed in the TBS Project Resume section, most notably the Bayou Gardens Extension, Degravelle Roadway Improvements, Lafourche Parish Roads Project and the St. James High School Access Roadway.

As discussed in the Project Spotlights and Resumes, TBS is currently under contract in a Construction Support role for several major projects. TBS understands the urgency of projects under construction, both from the perspective of public safety and traffic impacts as well as the Contractors contract time and schedule. We place a great deal of emphasis on moving the project along, so the response time from Contractor Submittals, RFI's and Shop Drawings is kept to a minimum. Whether the reviews entail asphalt mix designs, signing fabrication details, or one of the many other potential RFI's and Submittals, TBS is well equipped to handle this task.

TRAFFIC CONTROL DESIGN, TRAFFIC SIGNAL ANALYSIS AND DESIGN

Vectura Consulting Services will provide the traffic control design, and signal analysis and design for this portion of the project. Vectura has six PE's on staff that are certified PTOE's and have years of experience working closely with DOTD through the development and implementation of the TEPR process. Prior to commencement of work, the project team will schedule a kickoff meeting with DOTD to ensure that both the consultants and DOTD are in alignment with the scope of work and any project challenges. Early coordination and communication effort will eliminate any scope and scheduling discrepancies and reduce the likelihood of project setbacks.

Starting with the data collection process and safety analysis, through the existing/no build traffic modeling and analysis and wrapping up with the preliminary and final alternative analysis and reports, the project team has a complete understanding of the process. Coordinating early and often with local and state stakeholders will assist in determining accurate growth rates and data trends and will help establish and early framework for the traffic study and aide particularly in determination of signal demands, turning movements and crash history trends. The project team has an extensive history utilizing traffic analysis programs HCS7 and PTV Vissim for building existing models and also utilizes CAP-X during the Tier 1 analysis task.

In addition to coordinating with stakeholders, the project team will coordinate consistently with other DOTD sections such as Environmental, Safety, Road and Bridge Design to ensure that all major conflicts are identified and addressed during the process. Consistent communication between all stakeholders and design experts will ensure that the most proper alternatives and identified and ultimately selected for implementation.

CONCLUSION

With our roots being firmly planted throughout Louisiana, we believe that our experience, resources, enthusiasm and commitment to excellence make us uniquely qualified to provide the high level of service that should be expected for this Roadway Design IDIQ. We understand that a great deal of work goes into projects that improve the quality of life in our communities. That is why we tailor our solutions with stakeholders to work safely by collaborating across locations and practice areas through the entire project life cycle. TBS greatly appreciates the opportunity to submit our proposal to the Louisiana Department of Transportation and Development, and we look forward to a continued, successful working relationship with LADOTD.

19. Workload:

For all contracts where a firm on the team is a prime consultant or sub-consultant and where a) the consultant selection was made by DOTD, and b) a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

1) one of the team's firms is responsible for the performance of the work;
2) authorization to perform the work has been provided, as provided in the contract between the consultant and the contracting entity;
3) the work has not yet been performed and invoiced; and
4) the work is not currently suspended for an indefinite period of time.

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually.
List only the portion of the fees attributable to firms on the team.

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
T. Baker Smith, LLC	CE&I/OV	H.004113	LA 3241: LA 435 to LA 40/41	$102,556
T. Baker Smith, LLC	CE&I/OV	H.011152	I-12: US 190 to LA 59	$70,805
T. Baker Smith, LLC	Road	H.012812	US 190 at Northshore and Camp Villere	$25,100
T. Baker Smith, LLC	Road	H.013199	Country Estates Dr. Over St. Louis Bayou	$750
T. Baker Smith, LLC	Bridge	H.013199	Country Estates Dr. Over St. Louis Bayou	$799
T. Baker Smith, LLC	Other	H.014217	LA 537: Bridges Near Plain Dealing	$8,352
T. Baker Smith, LLC	Road	H.014217	LA 537: Bridges Near Plain Dealing	$54,645
T. Baker Smith, LLC	Bridge	H.014217	LA 537: Bridges Near Plain Dealing	$48,750
T. Baker Smith, LLC	Environmental	H.014217	LA 537: Bridges Near Plain Dealing	$11,175
T. Baker Smith, LLC	Other	H.014218	LA 2A: Thorny Branch & Indian Creek Brs	$8,606
T. Baker Smith, LLC	Road	H.014218	LA 2A: Thorny Branch & Indian Creek Brs	$47,047
T. Baker Smith, LLC	Bridge	H.014218	LA 2A: Thorny Branch & Indian Creek Brs	$23,264
T. Baker Smith, LLC	Environmental	H.014218	LA 2A: Thorny Branch & Indian Creek Brs	$16,581
T. Baker Smith, LLC	Survey	H.014218	LA 2A: Thorny Branch & Indian Creek Brs	$34,219
T. Baker Smith, LLC	Other	H.014219	LA 507: Creek Bridges Near Simsboro	$8,833
T. Baker Smith, LLC	Road	H.014219	LA 507: Creek Bridges Near Simsboro	$60,074
T. Baker Smith, LLC	Bridge	H.014219	LA 507: Creek Bridges Near Simsboro	$57,779
T. Baker Smith, LLC	Environmental	H.014219	LA 507: Creek Bridges Near Simsboro	$16,876
T. Baker Smith, LLC	Other	H.014222	LA 516: Poland Branch Bridge	$3,998

19. Workload:

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
T. Baker Smith, LLC	Road	H.014222	LA 516: Poland Branch Bridge	$24,387
T. Baker Smith, LLC	Bridge	H.014222	LA 516: Poland Branch Bridge	$12,004
T. Baker Smith, LLC	Environmental	H.014222	LA 516: Poland Branch Bridge	$2,105
T. Baker Smith, LLC	Other	H.014225	LA 528: Clark Bayou Bridge	$5,775
T. Baker Smith, LLC	Road	H.014225	LA 528: Clark Bayou Bridge	$11,884
T. Baker Smith, LLC	Bridge	H.014225	LA 528: Clark Bayou Bridge	$14,691
T. Baker Smith, LLC	Environmental	H.014225	LA 528: Clark Bayou Bridge	$2,340
T. Baker Smith, LLC	Other	H.014228	LA 159: Bridges Near Shongaloo	$8,636
T. Baker Smith, LLC	Road	H.014228	LA 159: Bridges Near Shongaloo	$66,314
T. Baker Smith, LLC	Bridge	H.014228	LA 159: Bridges Near Shongaloo	$29,317
T. Baker Smith, LLC	Environmental	H.014228	LA 159: Bridges Near Shongaloo	$22,884
T. Baker Smith, LLC	Other	H.014231	LA 153: Topy Creek Relief & Drain Brs	$16,135
T. Baker Smith, LLC	Road	H.014231	LA 153: Topy Creek Relief & Drain Brs	$84,556
T. Baker Smith, LLC	Bridge	H.014231	LA 153: Topy Creek Relief & Drain Brs	$68,415
T. Baker Smith, LLC	Environmental	H.014231	LA 153: Topy Creek Relief & Drain Brs	$27,609
T. Baker Smith, LLC	Survey	H.014231	LA 153: Topy Creek Relief & Drain Brs	$50,745
T. Baker Smith, LLC	Other	H.014233	LA 160: Cypress Bayou and Relief Bridges	$2,546
T. Baker Smith, LLC	Road	H.014233	LA 160: Cypress Bayou and Relief Bridges	$8,860
T. Baker Smith, LLC	Bridge	H.014233	LA 160: Cypress Bayou and Relief Bridges	$9,088
T. Baker Smith, LLC	Environmental	H.014233	LA 160: Cypress Bayou and Relief Bridges	$3,726
T. Baker Smith, LLC	Other	H.014236	LA 3008: Bridges Near Cotton Valley	$17,785
T. Baker Smith, LLC	Road	H.014236	LA 3008: Bridges Near Cotton Valley	$106,767
T. Baker Smith, LLC	Bridge	H.014236	LA 3008: Bridges Near Cotton Valley	$95,245
T. Baker Smith, LLC	Environmental	H.014236	LA 3008: Bridges Near Cotton Valley	$37,537
T. Baker Smith, LLC	Other	H.014238	LA 818: Barnet Springs & Creek Bridges	$9,859
T. Baker Smith, LLC	Road	H.014238	LA 818: Barnet Springs & Creek Bridges	$42,406
T. Baker Smith, LLC	Bridge	H.014238	LA 818: Barnet Springs & Creek Bridges	$41,212

19. Workload:

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
T. Baker Smith, LLC	Environmental	H.014238	LA 818: Barnet Springs & Creek Bridges	$12,046
T. Baker Smith, LLC	Survey	H.014238	LA 818: Barnet Springs & Creek Bridges	$22,039
T. Baker Smith, LLC	Other	H.014239	LA 589: Lyon Bayou Bridge	$11,948
T. Baker Smith, LLC	Road	H.014239	LA 589: Lyon Bayou Bridge	$42,197
T. Baker Smith, LLC	Bridge	H.014239	LA 589: Lyon Bayou Bridge	$20,530
T. Baker Smith, LLC	Environmental	H.014239	LA 589: Lyon Bayou Bridge	$14,160
T. Baker Smith, LLC	Survey	H.014239	LA 589: Lyon Bayou Bridge	$17,136
T. Baker Smith, LLC	Other	H.014264	LA 556: Bridges Near Choudrant	$29,269
T. Baker Smith, LLC	Road	H.014264	LA 556: Bridges Near Choudrant	$156,790
T. Baker Smith, LLC	Bridge	H.014264	LA 556: Bridges Near Choudrant	$124,738
T. Baker Smith, LLC	Environmental	H.014264	LA 556: Bridges Near Choudrant	$62,118
T. Baker Smith, LLC	Survey	H.014264	LA 556: Bridges Near Choudrant	$63,096
T. Baker Smith, LLC	Survey	H.014414	LA 22: Bedico Creek – Pine Creek Dr.	$479,198
T. Baker Smith, LLC	SUE	H.003931.5	Calcasieu River Bridge Phase 3	$13,105
T. Baker Smith, LLC	SUE	H.003931.5	Calcasieu River Bridge Phase 4	$32,016
T. Baker Smith, LLC	SUE	H.003931.5	Calcasieu River Bridge UC and Test Holes	$430,423
Vectura Consulting Services, LLC	Traffic	H.010616	I-20: LA 544 Overpass Replacement	$131,973
Vectura Consulting Services, LLC	Traffic	H.005168.2	New Orleans Rail Gateway Jefferson Highway EA	$51,279
Vectura Consulting Services, LLC	Traffic	H.005168.2	New Orleans Rail Gateway Avondale EA	$147,225
Vectura Consulting Services, LLC	CE&I	H.007160	EBR Computerized Traffic Signal, Ph VB	$51,629
Vectura Consulting Services, LLC	Traffic	H.004791	Belle Chasse Bridge & Tunnel Replacement PPP	$14,740
Vectura Consulting Services, LLC	Traffic	H.012030.5	KCS RR Overpasses HBI	$28,026
Vectura Consulting Services, LLC	ITS	H.011504.5	Alexandria ITS Phase 2	$54,179

DO NOT SUM

20. Certifications/Licenses:

T. BAKER SMITH
A CENTURY OF SOLUTIONS

National Highway Institute

Certificate of Training

PAUL OLIVIER

has participated in

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

hosted by

LA DOTD/LTRC

Date: July 11, 2017 *Hours of Instruction:* 6

Location: Baton Rouge, LA

Instructor — Local Coordinator

Instructor — Valerie Briggs, Director, National Highway Institute

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Sam Mestayer
has attended
Traffic Control Supervisor-LA State Specific
Training Course

6/22/2022 to 6/22/2026
Training Valid Through — Director of Training

Baton Rouge, LA
Location — President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA

American Traffic Safety Services Association ATSSA.com

State of Louisiana
Department of Transportation and Development

Lawrence Toups

has met the requirements for certification as an:

Structural Concrete Inspector

62 ND Expiration Date: 11/4/2024

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Brady Smith
has attended
Traffic Control Supervisor-LA State Specific
Training Course

8/5/2020 to 8/6/2020
Date — Vice President of Education and Technical Services

Baton Rouge, LA
Location — President, CEO

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

American Traffic Safety Services Association ATSSA.com

The American Traffic Safety Services Association

Hereby recognizes that

Brady Smith
has attended
Traffic Control Technician-LA State Specific
Training Course

7/10/2019 to 7/10/2019
Date — Training & Products Dept. Director

New Orleans, LA
Location — President, CEO

SAFER ROADS SAVE LIVES

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Jean Reulet
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

10/8/2021 to 10/8/2025
Training Valid Through — Director of Training

New Orleans, LA
Location — President, CEO

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

American Traffic Safety Services Association ATSSA.com

20. Certifications/Licenses:

T. BAKER SMITH
A CENTURY OF SOLUTIONS

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Sam Mestayer
has attended
Traffic Control Technician-LA State Specific
Training Course

6/21/2022 to 6/21/2026
Training Valid Through

Baton Rouge, LA
Location

Director of Training
President, CEO

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Jean Reulet
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

10/8/2021 to 10/8/2025
Training Valid Through

New Orleans, LA
Location

Director of Training
President, CEO

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Rene J Hebert
has attended
Traffic Control Supervisor-LA State Specific
Training Course

6/22/2022 to 6/22/2026
Training Valid Through

Baton Rouge, LA
Location

Director of Training
President, CEO

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Kelly Radecker
has attended
Traffic Control Technician-LA State Specific
Training Course

6/21/2022 to 6/21/2026
Training Valid Through

Baton Rouge, LA
Location

Director of Training
President, CEO

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Rene J Hebert
has attended
Traffic Control Technician-LA State Specific
Training Course

6/21/2022 to 6/21/2026
Training Valid Through

Baton Rouge, LA
Location

Director of Training
President, CEO

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Kelly Radecker
has attended
Traffic Control Supervisor-LA State Specific
Training Course

6/22/2022 to 6/22/2026
Training Valid Through

Baton Rouge, LA
Location

Director of Training
President, CEO

ATSSA American Traffic Safety Services Association ATSSA.com

The American Traffic Safety Services Association

Hereby recognizes that

Laramey Leet
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

07/27/2018
Date

Baton Rouge, LA
Location

ATSSA BATON ROUGE DAVE LEVEE

Training & Products Dept. Director
President, CEO

OnlineFlagger.com

CERTIFICATE

IS AWARDED TO

CHRISTIAN HAYNES

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

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

on the following date

MAY 6, 2021

Valid for 4 years from completion date.
This temporary/backup certificate is valid with a government -issued photo ID.

Use the code below to validate this certificate's authenticity, or get copies.

1253 -1061 -108199

To validate this code go to

20. Certifications/Licenses:

T. BAKER SMITH
A CENTURY OF SOLUTIONS

OnlineFlagger.com

CERTIFICATE

IS AWARDED TO

LARAMEY LEET

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

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

on the following date

MAY 6, 2021

Valid for 4 years from completion date.
This temporary/backup certificate is valid with a government -issued photo ID.

Use the code below to validate this certificate's authenticity, or get copies.

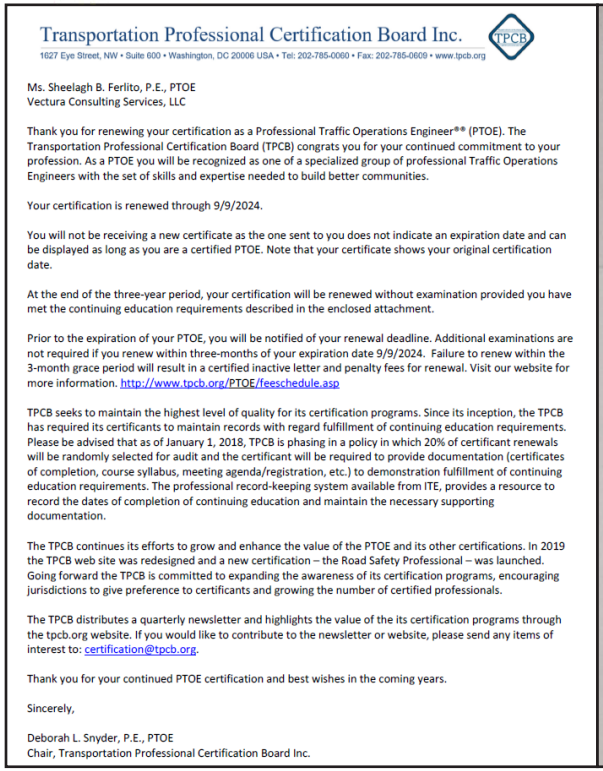
1253 -1061 -108201

To validate this code go to

https://onlineflagger.com/temporary- certificate- validator/

20. Certifications/Licenses:

VECTURA
CONSULTING SERVICES, LLC



Transportation Professional Certification Board Inc.
1627 Eye Street, NW • Suite 600 • Washington, DC 20006 USA • Tel: 202-785-0060 • Fax: 202-785-0609 • www.tpcb.org

Ms. Sheelagh B. Ferlito, P.E., PTOE
Vectura Consulting Services, LLC

Thank you for renewing your certification as a Professional Traffic Operations Engineer® (PTOE). The Transportation Professional Certification Board (TPCB) congrats you for your continued commitment to your profession. As a PTOE you will be recognized as one of a specialized group of professional Traffic Operations Engineers with the set of skills and expertise needed to build better communities.

Your certification is renewed through 9/9/2024.

You will not be receiving a new certificate as the one sent to you does not indicate an expiration date and can be displayed as long as you are a certified PTOE. Note that your certificate shows your original certification date.

At the end of the three-year period, your certification will be renewed without examination provided you have met the continuing education requirements described in the enclosed attachment.

Prior to the expiration of your PTOE, you will be notified of your renewal deadline. Additional examinations are not required if you renew within three-months of your expiration date 9/9/2024. Failure to renew within the 3-month grace period will result in a certified inactive letter and penalty fees for renewal. Visit our website for more information. http://www.tpcb.org/PTOE/feeschedule.asp

TPCB seeks to maintain the highest level of quality for its certification programs. Since its inception, the TPCB has required its certificants to maintain records with regard fulfillment of continuing education requirements. Please be advised that as of January 1, 2018, TPCB is phasing in a policy in which 20% of certificant renewals will be randomly selected for audit and the certificant will be required to provide documentation (certificates of completion, course syllabus, meeting agenda/registration, etc.) to demonstration fulfillment of continuing education requirements. The professional record-keeping system available from ITE, provides a resource to record the dates of completion of continuing education and maintain the necessary supporting documentation.

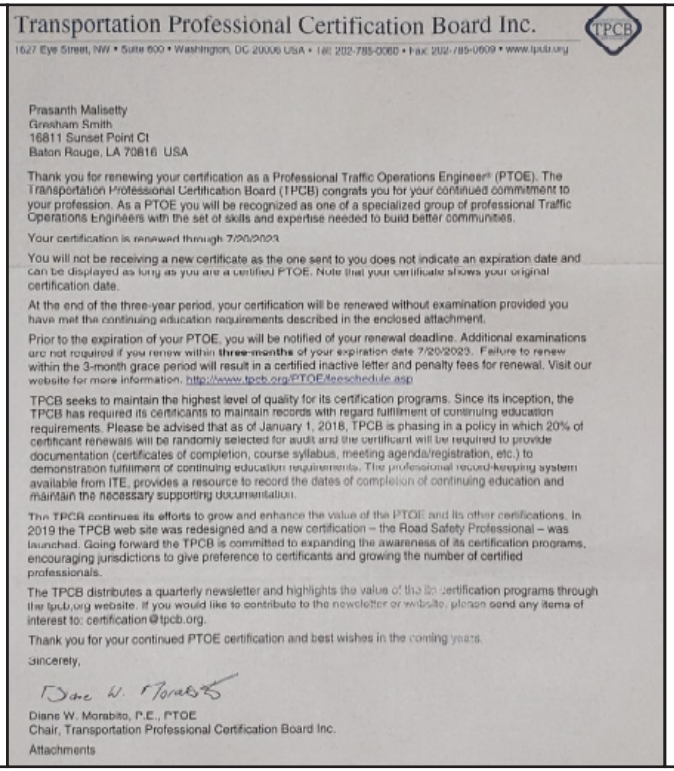
The TPCB continues its efforts to grow and enhance the value of the PTOE and its other certifications. In 2019 the TPCB web site was redesigned and a new certification – the Road Safety Professional – was launched. Going forward the TPCB is committed to expanding the awareness of its certification programs, encouraging jurisdictions to give preference to certificants and growing the number of certified professionals.

The TPCB distributes a quarterly newsletter and highlights the value of the its certification programs through the tpcb.org website. If you would like to contribute to the newsletter or website, please send any items of interest to: certification@tpcb.org.

Thank you for your continued PTOE certification and best wishes in the coming years.

Sincerely,

Deborah L. Snyder, P.E., PTOE
Chair, Transportation Professional Certification Board Inc.



Transportation Professional Certification Board Inc.
1627 Eye Street, NW • Suite 600 • Washington, DC 20006 USA • Tel: 202-785-0060 • Fax: 202-785-0609 • www.tpcb.org

Prasanth Malisetty
Gresham Smith
16811 Sunset Point Ct
Baton Rouge, LA 70816 USA

Thank you for renewing your certification as a Professional Traffic Operations Engineer® (PTOE). The Transportation Professional Certification Board (TPCB) congrats you for your continued commitment to your profession. As a PTOE you will be recognized as one of a specialized group of professional Traffic Operations Engineers with the set of skills and expertise needed to build better communities.

Your certification is renewed through 7/20/2023.

You will not be receiving a new certificate as the one sent to you does not indicate an expiration date and can be displayed as long as you are a certified PTOE. Note that your certificate shows your original certification date.

At the end of the three-year period, your certification will be renewed without examination provided you have met the continuing education requirements described in the enclosed attachment.

Prior to the expiration of your PTOE, you will be notified of your renewal deadline. Additional examinations are not required if you renew within **three-months** of your expiration date 7/20/2023. Failure to renew within the 3-month grace period will result in a certified inactive letter and penalty fees for renewal. Visit our website for more information. http://www.tpcb.org/PTOE/feeschedule.asp

TPCB seeks to maintain the highest level of quality for its certification programs. Since its inception, the TPCB has required its certificants to maintain records with regard fulfillment of continuing education requirements. Please be advised that as of January 1, 2018, TPCB is phasing in a policy in which 20% of certificant renewals will be randomly selected for audit and the certificant will be required to provide documentation (certificates of completion, course syllabus, meeting agenda/registration, etc.) to demonstration fulfillment of continuing education requirements. The professional record-keeping system available from ITE, provides a resource to record the dates of completion of continuing education and maintain the necessary supporting documentation.

The TPCB continues its efforts to grow and enhance the value of the PTOE and its other certifications. In 2019 the TPCB web site was redesigned and a new certification – the Road Safety Professional – was launched. Going forward the TPCB is committed to expanding the awareness of its certification programs, encouraging jurisdictions to give preference to certificants and growing the number of certified professionals.

The TPCB distributes a quarterly newsletter and highlights the value of the its certification programs through the tpcb.org website. If you would like to contribute to the newsletter or website, please send any items of interest to: certification@tpcb.org.

Thank you for your continued PTOE certification and best wishes in the coming years.

Sincerely,

Diane W. Morabito, P.E., PTOE
Chair, Transportation Professional Certification Board Inc.

Attachments

Transportation Professional Certification Board Inc.
1627 Eye Street, NW • Suite 600 • Washington, DC 20006 USA • Tel: 202-785-0060 • Fax: 202-785-0609 • www.tpcb.org

Reece J. Rodrigue
Quality Engineering & Surveying, LLC
18320 LA Hwy 42
Port Vincent, LA USA 70726

It is my pleasure to inform you that you have passed the written examination and are certified as a *Professional Traffic Operations Engineer®* (PTOE). As a PTOE you will be recognized as one of a specialized group of traffic operations engineers with the set of skills and expertise needed to successfully solve and implement traffic solutions and create better communities.

The Certification Board previously determined you met all other requirements for certification. If there is no balance due on the attached invoice you may now use the title Professional Traffic Operations Engineer® and/or the initials PTOE in the conduct of your professional practice. If payment is outstanding, you must pay the balance due and only then are you a PTOE.

While you wait for your certificate, your PTOE certification number is: **4508** You should receive your certificate 120 days. If you wish your name to appear on the certificate any differently from how it is shown here, please contact Ann O'Neill **immediately** at aoneill@tpcb.org or by fax at 202-785-0609.

Reece J. Rodrigue

Your initial certification fee covers a three-year period and will expire July 17, 2022.

At the end of the three-year period, your certification may be renewed without examination if you demonstrate that you have met the continuing professional development and education activities required. The specific components of the required continuing professional development are described in the enclosed attachment. Begin earning and keeping track of your professional development units so that when it is time to renew, the necessary 45 PDH's will be easily accessible. As of January 1, 2018, TPCB phased in a policy in which 20 percent of certificant renewals will be randomly selected for audit and the certificant will be required to provide documentation (certificates of completion, course syllabus, meeting agenda/registration, etc.) to demonstrate fulfillment of continuing education requirements. The professional record-keeping systems, available from ITE, provide a resource to record the dates of completion of continuing education and maintain the necessary supporting documentation.
www.ite.org/pdh/pdhdefault.asp

Let me again congratulate you on obtaining this certification. We hope that you will display it with justified pride and carry out your professional activities in a manner to bring added luster to the title and practice of Professional Traffic Operations Engineer®.

The TPCB continues its efforts to grow and enhance the value of the PTOE and its other certifications. In 2019 the TPCB website was redesigned and a new certification–the Road Safety Professional–was launched. Going forward the TPCB is committed to expanding the awareness of its certification programs, encouraging jurisdictions to give preference to certificants and growing the number of certified professionals. The TPCB distributes a quarterly newsletter and highlights the value of its certification programs through the tpcb.org website. If you would like to contribute to the newsletter or website, please send any items of interest to: certification@tpcb.org.

Should you have questions now or in the future, please do not hesitate to contact me or the staff at the address below.

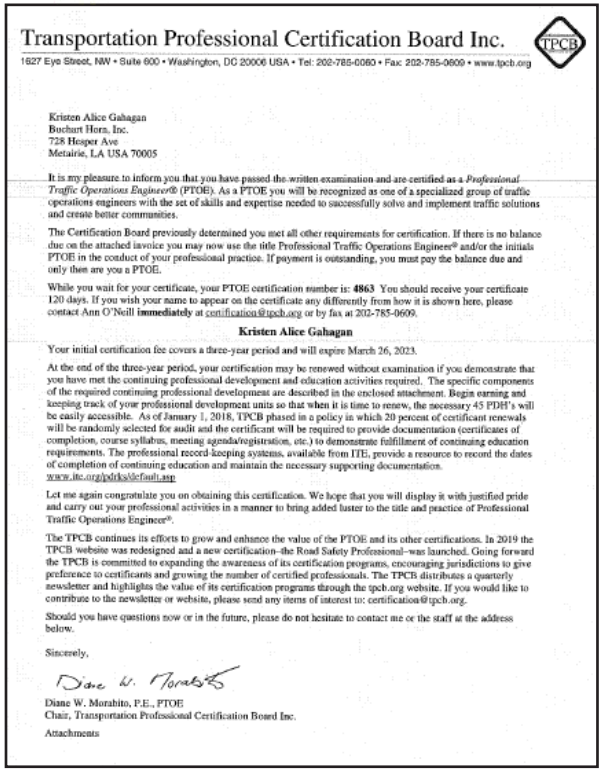
Sincerely,

Diane W. Morabito, P.E., PTOE
Chair, Transportation Professional Certification Board Inc.

Attachments

20. Certifications/Licenses:

VECTURA
CONSULTING SERVICES, LLC



Transportation Professional Certification Board Inc.

1627 Eye Street, NW • Suite 600 • Washington, DC 20006 USA • Tel: 202-785-0060 • Fax: 202-785-0609 • www.tpcb.org

Kristen Alice Gahagan
Buchart Horn, Inc.
728 Hesper Ave
Metairie, LA USA 70005

It is my pleasure to inform you that you have passed the written examination and are certified as a *Professional Traffic Operations Engineer*® (PTOE). As a PTOE you will be recognized as one of a specialized group of traffic operations engineers with the set of skills and expertise needed to successfully solve and implement traffic solutions and create better communities.

The Certification Board previously determined you met all other requirements for certification. If there is no balance due on the attached invoice you may now use the title Professional Traffic Operations Engineer® and/or the initials PTOE in the conduct of your professional practice. If payment is outstanding, you must pay the balance due and only then are you a PTOE.

While you wait for your certificate, your PTOE certification number is: **4863** You should receive your certificate 120 days. If you wish your name to appear on the certificate any differently from how it is shown here, please contact Ann O'Neill **immediately** at certification@tpcb.org or by fax at 202-785-0609.

Kristen Alice Gahagan

Your initial certification fee covers a three-year period and will expire March 26, 2023.

At the end of the three-year period, your certification may be renewed without examination if you demonstrate that you have met the continuing professional development and education activities required. The specific components of the required continuing professional development are described in the enclosed attachment. Begin earning and keeping track of your professional development units so that when it is time to renew, the necessary 45 PDH's will be easily accessible. As of January 1, 2018, TPCB phased in a policy in which 20 percent of certificant renewals will be randomly selected for audit and the certificant will be required to provide documentation (certificates of completion, course syllabus, meeting agenda/registration, etc.) to demonstrate fulfillment of continuing education requirements. The professional record-keeping systems, available from ITE, provide a resource to record the dates of completion of continuing education and maintain the necessary supporting documentation.
www.ite.org/pdrks/default.asp

Let me again congratulate you on obtaining this certification. We hope that you will display it with justified pride and carry out your professional activities in a manner to bring added luster to the title and practice of Professional Traffic Operations Engineer®.

The TPCB continues its efforts to grow and enhance the value of the PTOE and its other certifications. In 2019 the TPCB website was redesigned and a new certification–the Road Safety Professional–was launched. Going forward the TPCB is committed to expanding the awareness of its certification programs, encouraging jurisdictions to give preference to certificants and growing the number of certified professionals. The TPCB distributes a quarterly newsletter and highlights the value of its certification programs through the tpcb.org website. If you would like to contribute to the newsletter or website, please send any items of interest to: certification@tpcb.org.

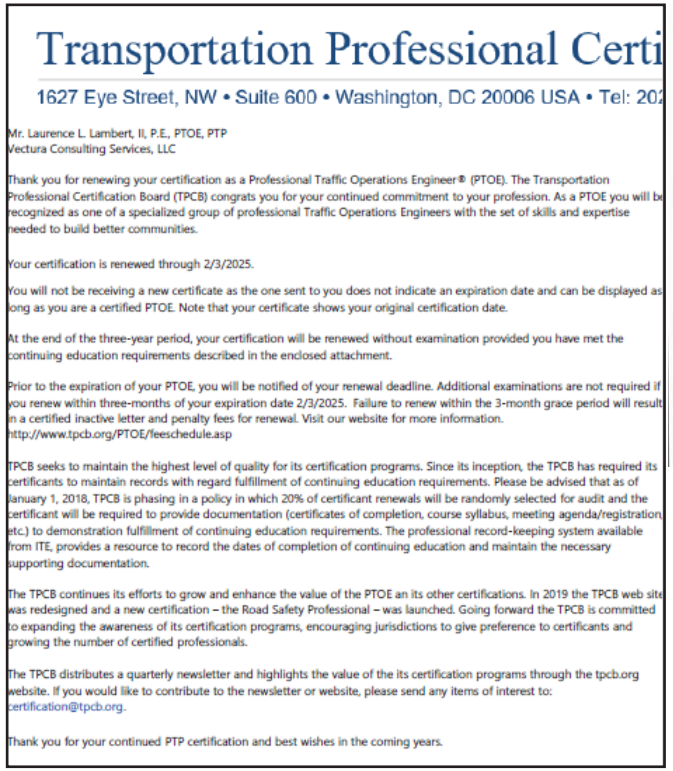
Should you have questions now or in the future, please do not hesitate to contact me or the staff at the address below.

Sincerely,

Diane W. Morabito

Diane W. Morabito, P.E., PTOE
Chair, Transportation Professional Certification Board Inc.

Attachments



Transportation Professional Certi

1627 Eye Street, NW • Suite 600 • Washington, DC 20006 USA • Tel: 202

Mr. Laurence L. Lambert, II, P.E., PTOE, PTP
Vectura Consulting Services, LLC

Thank you for renewing your certification as a Professional Traffic Operations Engineer® (PTOE). The Transportation Professional Certification Board (TPCB) congrats you for your continued commitment to your profession. As a PTOE you will be recognized as one of a specialized group of professional Traffic Operations Engineers with the set of skills and expertise needed to build better communities.

Your certification is renewed through 2/3/2025.

You will not be receiving a new certificate as the one sent to you does not indicate an expiration date and can be displayed as long as you are a certified PTOE. Note that your certificate shows your original certification date.

At the end of the three-year period, your certification will be renewed without examination provided you have met the continuing education requirements described in the enclosed attachment.

Prior to the expiration of your PTOE, you will be notified of your renewal deadline. Additional examinations are not required if you renew within three-months of your expiration date 2/3/2025. Failure to renew within the 3-month grace period will result in a certified inactive letter and penalty fees for renewal. Visit our website for more information.
http://www.tpcb.org/PTOE/feeschedule.asp

TPCB seeks to maintain the highest level of quality for its certification programs. Since its inception, the TPCB has required its certificants to maintain records with regard fulfillment of continuing education requirements. Please be advised that as of January 1, 2018, TPCB is phasing in a policy in which 20% of certificant renewals will be randomly selected for audit and the certificant will be required to provide documentation (certificates of completion, course syllabus, meeting agenda/registration, etc.) to demonstration fulfillment of continuing education requirements. The professional record-keeping system available from ITE, provides a resource to record the dates of completion of continuing education and maintain the necessary supporting documentation.

The TPCB continues its efforts to grow and enhance the value of the PTOE an its other certifications. In 2019 the TPCB web site was redesigned and a new certification – the Road Safety Professional – was launched. Going forward the TPCB is committed to expanding the awareness of its certification programs, encouraging jurisdictions to give preference to certificants and growing the number of certified professionals.

The TPCB distributes a quarterly newsletter and highlights the value of the its certification programs through the tpcb.org website. If you would like to contribute to the newsletter or website, please send any items of interest to: certification@tpcb.org.

Thank you for your continued PTP certification and best wishes in the coming years.

RTA

DOTD

LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

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

Vectura Consulting Services, LLC

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

NC488490, NC541330, NC541340

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

Certificate Eligibility: June 2022 to June 2023

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

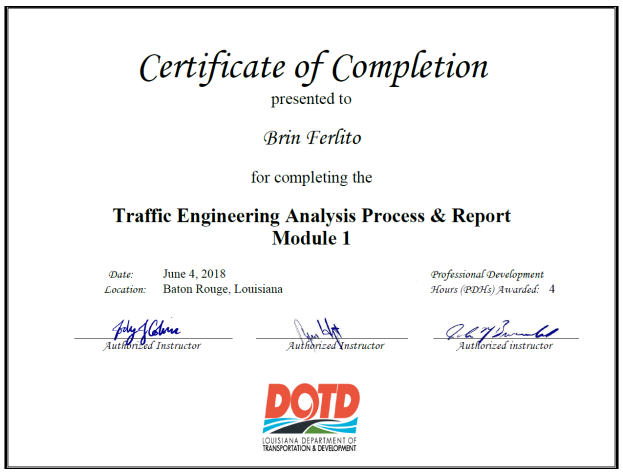
Rhonda Wallace

Rhonda Wallace, DBE/SBE Programs Manager

Louisiana Department of Transportation & Development

20. Certifications/Licenses:

VECTURA CONSULTING SERVICES, LLC



Certificate of Completion

presented to

Brin Ferlito

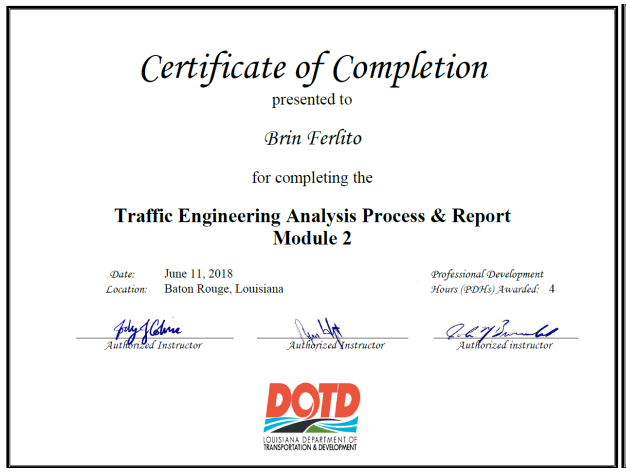
for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: June 4, 2018
Location: Baton Rouge, Louisiana
Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Brin Ferlito

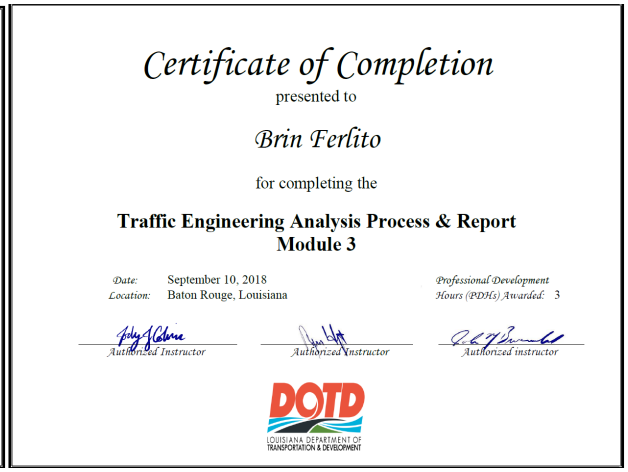
for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: June 11, 2018
Location: Baton Rouge, Louisiana
Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Brin Ferlito

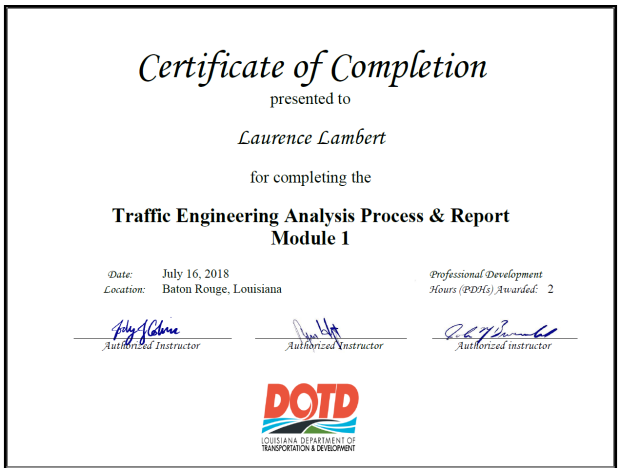
for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: September 10, 2018
Location: Baton Rouge, Louisiana
Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Laurence Lambert

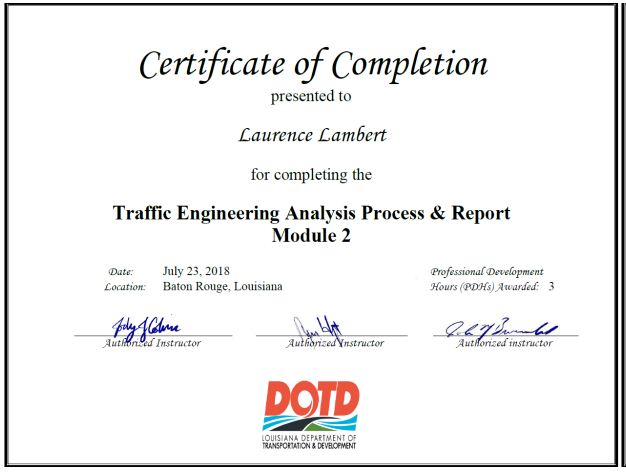
for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: July 16, 2018
Location: Baton Rouge, Louisiana
Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Laurence Lambert

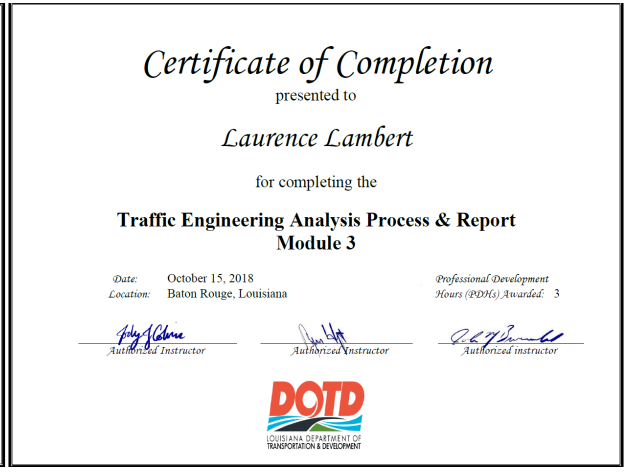
for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: July 23, 2018
Location: Baton Rouge, Louisiana
Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Laurence Lambert

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: October 15, 2018
Location: Baton Rouge, Louisiana
Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

VECTURA CONSULTING SERVICES, LLC

Certificate of Completion

presented to

Prasanth Malisetty

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Prasanth Malisetty

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Prasanth Malisetty

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: November 5, 2018
Location: Baton Rouge, Louisiana
Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: November 26, 2018
Location: Baton Rouge, Louisiana
Professional Development Hours (PDHs) Awarded: 3.5

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

VECTURA CONSULTING SERVICES, LLC

Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

20. Certifications/Licenses:

VECTURA CONSULTING SERVICES, LLC


The American Traffic Safety Services Association

Hereby recognizes that

Prasanth Malisetty

has attended

Traffic Control Technician-LA State Specific

Training Course

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

Baton Rouge, LA
Location

ATSSA
SAFER ROADS SAVE LIVES

Training & Products Dept. Director

President, CEO


The American Traffic Safety Services Association

Hereby recognizes that

Prasanth Malisetty

has attended

Traffic Control Supervisor-LA State Specific

Training Course

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

Baton Rouge, LA
Location

ATSSA
SAFER ROADS SAVE LIVES

Training & Products Dept. Director

President, CEO


Certificate of Training

this certifies that

Reece Rodrigue

has successfully completed the training program requirements for

ATSSA Online Flagger Certification Training Course

Awarded on this 24th day of September 2020


ATSSA

AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION

This is to affirm that

Kristen Farrington

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Expiration Date 7/5/2025

State Issued LA

Instructor Signature

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


ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Reece Rodrigue

has attended

Traffic Control Supervisor-LA State Specific

Training Course

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

Baton Rouge, LA
Location

Vice President of Member Services

President, CEO

ATSSA American Traffic Safety Services Association ATSSA.com


ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Brin Ferlito

has attended

Traffic Control Supervisor Refresher-LA State Specific

Training Course

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

Baton Rouge, LA
Location

Director of Training

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com


ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Kristen Farrington

has attended

Traffic Control Supervisor Refresher-LA State Specific

Training Course

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

Baton Rouge, LA
Location

Director of Training

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

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

N/A

22. Sub-consultant information:

Firm Name (as registered with Louisiana's Secretary of State)	**Address**	**Point of Contact and email address**	**Phone Number**
Vectura Consulting Services, LLC	8000 Innovation Park Drive, Baton Rouge, LA 70820	Brin Ferlito bferlito@vecturacs.com	225-223-6685

23. Location:

N/A