



T. BAKER SMITH

STATEMENT OF QUALIFICATIONS

IDIQ CONTRACTS FOR ENVIRONMENTAL SERVICES STATEWIDE

CONTRACT NOS. 4400035710 AND 4400035711

July 28, 2026



Empowering People. Enriching Communities.



17927 Old Jefferson Hwy
Prairieville, LA 70769

225.744.2100
866.357.1050

tbsmith.com

July 28, 2026

Contract Nos. 4400035710 and 4400035711
IDIQ Contracts for Environmental Services Statewide

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

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

Dear Selection Committee:

T. Baker Smith, LLC (TBS) is pleased to submit our qualifications for Contract Nos. 4400035710 and 4400035711, IDIQ Contracts for Environmental Services, Statewide, to perform environmental services and related work in compliance with the National Environmental Policy Act (NEPA) and related laws, regulations, executive orders, guidance, and procedures. Since its founding in 1913, TBS has been a trusted partner in shaping resilient and sustainable infrastructure throughout the Gulf Coast. What began as a surveying firm over a century ago has evolved into a multi-disciplinary professional engineering, environmental, and survey consulting firm, delivering innovative solutions in transportation infrastructure development.

We offer the Louisiana Department of Transportation and Development (LADOTD) a highly qualified, multidisciplinary team capable of delivering comprehensive, integrated environmental services for transportation projects throughout Louisiana. Our in-house staff has extensive experience supporting LADOTD in the delivery of transportation projects by preparing National Environmental Policy Act (NEPA) documentation and securing the environmental approvals and permits necessary for project advancement. With experienced professionals available across all environmental disciplines, TBS provides responsive, on-call support which enables our team to efficiently navigate regulatory requirements while minimizing project risks and schedule impacts.

Complementing our in-house expertise are highly qualified subconsultants, including WSP USA Inc. (WSP), providing highway traffic noise analyses, mobile source air quality analyses, and archaeological and cultural resource evaluations; Vectura Consulting Services, LLC (Vectura), providing traffic engineering and safety analyses; The Lakvold Group, LLC (Lakvold), providing conceptual stage relocation planning services; and Emergent Method, LLC (EM), providing public outreach and stakeholder engagement services.

We appreciate your consideration and look forward to the opportunity to continue supporting LADOTD with responsive service, technical excellence, and innovative environmental solutions that keep Louisiana's transportation projects moving forward.

Sincerely,

Andrée F. Cortez, PE, PMP | Chief Operations Officer
andree.cortez@tbsmith.com | 985.493.2938

Prime Consultant

✓ T. Baker Smith, LLC

Subconsultants

✓ WSP USA Inc.

✓ Vectura Consulting Services, LLC

✓ The Lakvold Group, LLC

✓ Emergent Method, LLC

SECTIONS 1-13



DOTD FORM: 24-102

(Revised August 11, 2025)

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.

1. Contract Name as shown in the advertisement	IDIQ Contracts for Environmental Services Statewide
2. Contract Number(s) as shown in the advertisement	4400035710 and 4400035711
3. State Project Number(s), if shown in the advertisement	
4. Prime consultant name (name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20)	T. BAKER SMITH, LLC
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	Engineering: EF-0003388 Surveying: VF-0000551
6. Prime consultant mailing address	17927 Old Jefferson Highway Prairieville, LA 70769
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	17927 Old Jefferson Highway Prairieville, LA 70769
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Cy Toups, PE Environmental Lead Professional, Transportation 985.223.9256 cy.toups@tbsmith.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Andrée F. Cortez, PE, PMP Chief Operations Officer 985.493.2938 andree.cortez@tbsmith.com

10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.

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

11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.

André J. Portez

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

July 28, 2026

Date:

Firm:
N/A

Firm's %:
N/A

12. Discipline Table

Discipline(s)	% of Overall Contract	T. Baker Smith, LLC (Prime)	WSP USA, Inc. (Sub)	Vectura Consulting Services, LLC (Sub)	The Lakvold Group, LLC (Sub)	Emergent Method, LLC (Sub)	Each Discipline must total 100%
Bridge	5%	100%	0%	0%	0%	0%	100%
Environmental	65%	60%	20%	0%	10%	10%	100%
Road	10%	100%	0%	0%	0%	0%	100%
Traffic	20%	0%	0%	100%	0%	0%	100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.							
Percent of Contract	100%	54%	13%	20%	6.5%	6.5%	100%

13. Team Size

Firm name	DOTD Job Classification	Number of personnel <u>committed</u> to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
	Principal	1	2
	Environmental Manager	1	4
	Environmental Pro	3	10
	Supervisor - Eng	2	3
	Engineer	4	6
	Environmental Pro	6	18
	Supervisor - Eng	2	2
	Engineer	3	5
	Engineer Intern	2	2
	Inspector	0	2
	Supervisor - Other	1	1
	Technician	1	2
	Clerical	1	1
	Professional	1	1
	Other - Senior Manager	2	4
	Other - Manager	1	10
	Other - Senior Consultant	1	7
	Other - Consultant	2	6

SECTIONS 14-16

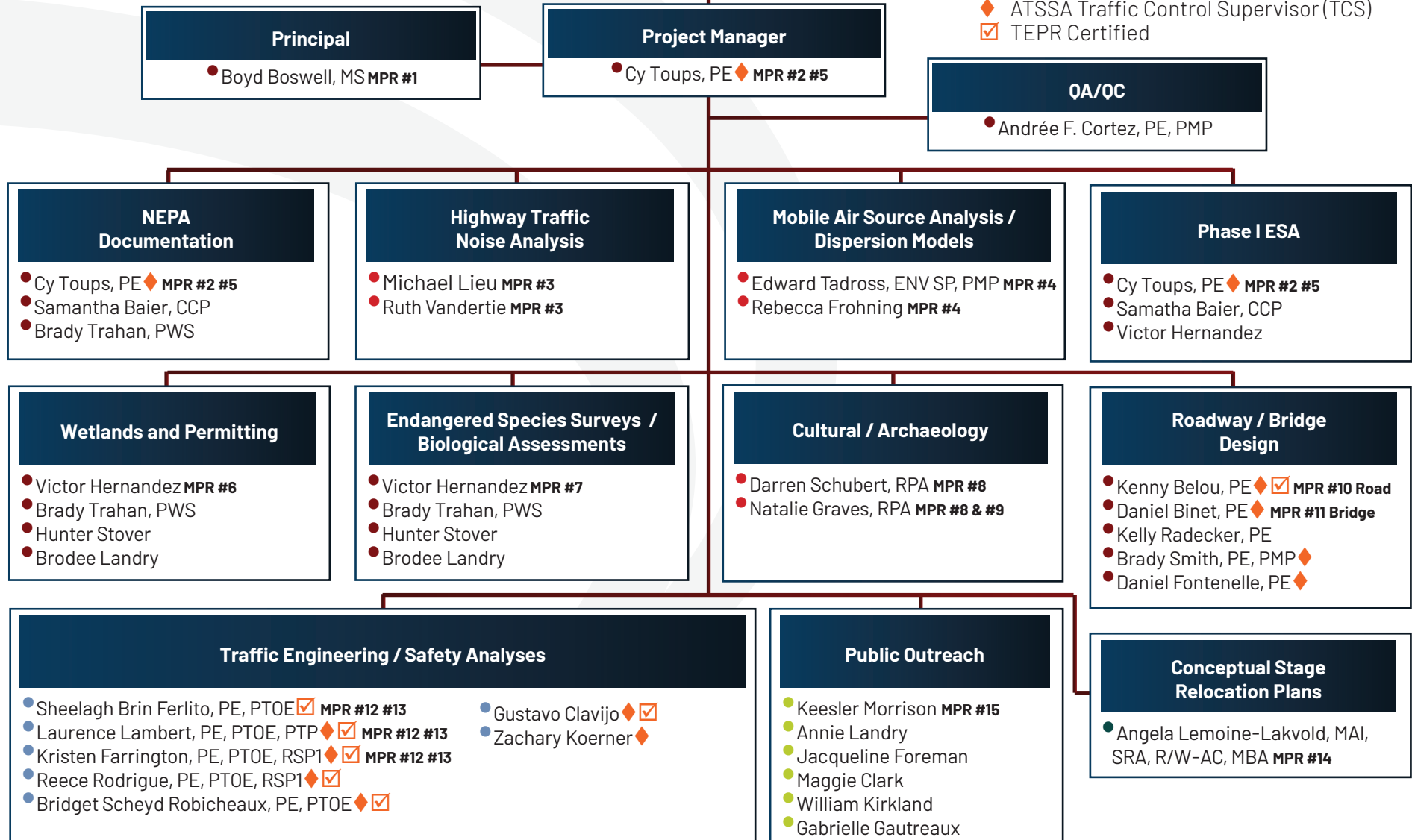


14. Organizational Chart



KEY:

- T. Baker Smith, LLC
- WSP
- Vectura Consulting Services, LLC
- The Lakvold Group, LLC
- Emergent Method, LLC
- ◆ ATSSA Traffic Control Supervisor (TCS)
- ☑ TEPR Certified



15. Minimum Personnel Requirements

MPR No.	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Boyd Boswell, MS		N/A	N/A	N/A
2	Cy Toups, PE		Professional Engineer, Environmental PE #33966	LA	09.30.2026
3	Michael Lieu		N/A	N/A	N/A
	Ruth Vandertie		N/A	N/A	N/A
4	Edward Tadross		N/A	N/A	N/A
	Rebecca Frohning		N/A	N/A	N/A
5	Samantha Baier, CCP		N/A	N/A	N/A
6	Victor Hernandez		N/A	N/A	N/A
7	Victor Hernandez		N/A	N/A	N/A
8	Darren Schubert, RPA		Registered Professional Archaeologist #989284	US	N/A

15. Minimum Personnel Requirements

MPR No.	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
9	Natalie Graves, RPA		Registered Professional Archaeologist #16255	US	N/A
10	Kenny Belou, PE		Professional Engineer, Civil PE #38850	LA	09.30.2026
11	Daniel Binet, PE		Professional Engineer, Civil PE #42997	LA	03.31.2027
12	Sheelagh Brin Ferlito, PE, PTOE		Professional Engineer, Civil PE #25383; PTOE #932	LA	09.30.2027; 09.09.2027
	Laurence Lambert, PE, PTOE, PTP		Professional Engineer, Civil PE #29901; PTOE #1303	LA	03.31.2030; 02.03.2028
	Kristen Farrington, PE, PTOE, RSP1		Professional Engineer, Civil PE #42785; PTOE #4863	LA	03.31.2027; 03.26.2028
13	Sheelagh Brin Ferlito, PE, PTOE		Professional Engineer, Civil PE #25383; PTOE #932	LA	09.30.2027; 09.09.2027
	Laurence Lambert, PE, PTOE, PTP		Professional Engineer, Civil PE #29901; PTOE #1303	LA	03.31.2030; 02.03.2028
	Kristen Farrington, PE, PTOE, RSP1		Professional Engineer, Civil PE #42785; PTOE #4863	LA	03.31.2027; 03.26.2028

15. Minimum Personnel Requirements

MPR No.	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
14	Angela Lemoine-Lakvold, MAI, SRA, R/W-AC, MBA	 THE LAKVOLD GROUP Commercial Real Estate Appraisers 4020 Sandstone Avenue, Suite 6 Baton Rouge, Louisiana 70806 (225) 248-8984 www.thelakvoldgroup.com	State Certified General Real Estate Appraiser, #G0575	LA	12.31.2027
15	Keesler Morrison	 emergent method	N/A	N/A	N/A

16. Staff Experience

Firm employed by:



T. BAKER SMITH



Name	Boyd Boswell, MS			Years of relevant experience with this employer	19
Title	Discipline Leader, Environmental			Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization				Master of Science / 2000 / Environmental Planning and Management Bachelor of Science / 1997 / Environmental and Sustainable Resources	
Active registration number / state / expiration date				N/A	
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities: Principal. Boyd will serve as Principal and satisfies MPR #1.					
Boyd has extensive knowledge and experience in program development, regulatory permitting, public relations, and client management. He routinely submits permit applications to state and federal regulatory agencies. His responsibilities include the preparation of Alternatives Analyses, Purpose and Needs Analysis, and Mitigation Plans as required by the agencies. He also has experience in Risk Evaluation/Corrective Action Programs (RECAP) Assessments, Storm Water Pollution Prevention Plans, Spill Prevention Control and Countermeasure Plans, Wetland Delineations, Biological Assessments, Hazard and Impact Assessments, and other Regulatory Programs. He has first-hand knowledge and experience in the requirements and challenges local governments face with environmental programs and operations. He has led the preparation, submittal, and approval of the first Municipal Separate Storm Sewer System (MS4) permit application for EPA Region 6.					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
09/20 - Ongoing	Rural Bridge Replacement Initiative, Phases I & II, Districts 04, 05, 08, 58; LADOTD; Statewide, LA - Principal. Boyd worked with the entire project team to provide operational support, QA, and technical guidance. He consulted with project team members on wetland delineations and field work and ensure field work was conducted in a safe manner. He also worked with the team with submittals to regulatory agencies to ensure compliance with the NEPA process, and on overall administration of the projects.				
08/22 - 08/27	Contract 44-25027, Infrastructure Investment and Jobs Act (IIJA) Off System Bridge Program District 08; LADOTD; District 08, LA - Principal. Boyd provided QA/QC of NEPA Categorical Exclusion Documents and regulatory permit applications for the replacement of 12 bridge structures.				
09/25 - Ongoing	Peters Road Bridge and Extension Phase 3; LADOTD; Belle Chasse, LA - Principal. Boyd provides QA/QC services of NEPA services being performed for the project.				
01/26 - Ongoing	FY26 Bridge Bundle Program - LA 1071 over Creek / LA 1036 over Tickfaw River / LA 444 over Dunham Bayou; Office of Louisiana Highway Construction; Statewide, LA - Principal. Boyd provides QA/QC services for the nine bridge replacement projects across Districts 02, 61, and 62.				
05/26 - ongoing	Tammany Trace Bridges, Regulatory Environmental Permitting; St. Tammany Parish Government; St. Tammany Parish, LA - Principal. Boyd provided QA/QC services for wetland delineations and the regulatory environmental permitting services for multiple bridge improvements along Tammy Trace.				

16. Staff Experience: Boyd Boswell, MS | T. Baker Smith, LLC - continued

04/21 - 02/22	Eastside Public Safety Substation; Terrebonne Parish Consolidated Government; Terrebonne Parish, LA - Principal. Boyd provided QA/QC services of the NEPA environmental clearance process for the project.
02/18-12/22	S.P. No. H.015688, LA 3127 Extension; LADOTD; Ascension Parish, LA - Principal. Boyd provided QA/QC services for the Phase I ESA, wetland delineations, Threatened and Endangered Species, alternative analysis, SHPO coordination, and Stage 0 Feasibility Study.
11/21 - 05/22	Mitigation Marsh & Beneficial Use of Dredged Material; Hilcorp; Bolivar Peninsula, TX - Environmental Discipline Leader. Boyd provided operational support, QA, and technical guidance.
2008	Phase I & Phase II Environmental Site Assessments & NORM Survey; Confidential Client; Vermilion Parish, LA - Project Manager. Managed the Phase I ESA for proposed property transaction. Upon evidence of potential contaminating source constituents at the site, performed a Phase II Environmental Site Assessment, including soil sampling, groundwater sampling, and a Naturally Occurring Radioactive Material (NORM) survey on the property to determine if environmental contamination exists which may exceed the Louisiana Department of Environmental Quality (LDEQ) Risk Evaluation/Corrective Action Plan (RECAP) Screening Standards.
02/22 - 03/22	Bayou Dularge Marsh Restoration Project (TE-0170); CPRA; Terrebonne Parish, LA - Discipline Leader. Conducted a Biological oyster assessment on seedground/private leases, utilizing OLACP protocols to identify oyster resource on public seedground/private leases impacted by planned construction activities.
1997 - 1998 2001 - 2005	Lafayette Parish Public Works Projects; Lafayette Consolidated Government; Lafayette Parish, LA - Environmental Quality Manager. Boyd was responsible for all activities of the Environmental Quality Division, including enforcement of local solid waste, environmental, and vegetation ordinances; organization and promotion of local recycling program; management of composting facility; ensured regulatory compliance with all applicable Louisiana Department of Environmental Quality and the U.S. Environmental Protection Agency regulations; administered local solid waste and yard waste curbside collection and disposal contract. He also ensured compliance with all applicable regulations for new public works capital improvement projects and maintenance projects for the local government. In addition, Boyd supervised 25 staff members, ranging from equipment operators to technical staff members. He organized and presented annual Hazard Communications Standard (HAZCOM) training, following OSHA Standard 29 CFR 1910.1200, for approximately 350 Department of Public Works staff.
2008 - 2012	Biological Oyster and Waterbottom Assessments; Multiple Clients; Gulf Coast Region - Discipline Leader. Boyd led the project team through all aspects of the project. USACE, Louisiana Coastal Zone permitting, coordination with the LDWF, and other resource agencies were under his project supervision, and he worked directly with the project team and the agencies.
07/23 - 11/23	Delta Site Boundaries; Entergy; Bolivar County, MS - Principal. Boyd is accountable for evaluating the day-to-day project operations, delivering technical leadership, and directing associates to execute wetland delineations and permitting in alignment with regulatory guidelines.
12/19 - 04/21	14th Street Drainage Improvement; City of Galveston; Galveston, TX - Discipline Leader. Provided oversight for the due diligence, environmental, and regulatory support for the project. Worked with both the Environmental Discipline Team, as well as the overall Project Team so the project could capitalize on the efficiencies of all disciplines working together for the City of Galveston.
05/23 - 01/25	South Shore Pump Station Drainage Improvements; Galveston, TX - Discipline Leader. Provided and QA/QC for the regulatory permitting and agency coordination for the project. Also met with the Texas Parks and Wildlife Department to assist in coordination and their project concurrence.

16. Staff Experience

Firm employed by:



T. BAKER SMITH



Name	Cy Toups, PE			Years of relevant experience with this employer	20
Title	Environmental Lead Professional, Transportation			Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization				Bachelor of Science / 2002 / Environmental Engineering	
Active registration number / state / expiration date				PE.33966 / Louisiana / 09.30.2026	
Year registered		2008	Discipline	Environmental	
Contract role(s) / brief description of responsibilities: Environmental Manager. Cy will serve as Project Manager and satisfies MPR #2 and #5.					
Cy Toups, PE is a Louisiana-licensed environmental engineer focused on NEPA processes, environmental assessments, and regulatory compliance. With 23 years of experience in the industry, Cy leverages his diversified environmental and regulatory experience to perform due diligence on powerline transmission projects, commercial developments, and public infrastructure improvements that benefit our communities. Cy's passion for improvement in our communities is shown in his commitment to the NEPA process to help strengthen project success and implementation. Cy also holds the ATSSA Traffic Control Supervisor and NEPA and the Transportation Decisionmaking Process certifications.					
Experience dates (mm/yy-mm/yy)		Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
05/23-Ongoing		Contract 44-25027, Infrastructure Investment and Jobs Act (IIJA) Off System Bridge Program; LADOTD; District 08, LA – Environmental Manager. Performed QC review of wetland delineation field work and report preparation, prepared Solicitation of Views letters, NEPA Categorical Exclusion Documents and regulatory permit applications for the replacement of 12 bridge structures.			
03/16 – 01/19		I-10/Loyola Interchange Improvement; LADOTD; Jefferson Parish, LA – Environmental Manager. Prepared Environmental Assessment (EA) in accordance with the National Environmental Policy Act (NEPA), and other applicable laws. Evaluated the social, economic, and environmental consequences of the alternatives (including the no-build) and presented this information in the EA document. In addition to preparing the formal EA document and Finding of No Significant Impact (FONSI), Cy provided QA/QC assistance on separate technical reports such as the Wetland Delineation, Phase I Environmental Site Assessment, Phase I Cultural Resources Survey Report, and Air & Noise Analyses.			
02/20-Ongoing		Contract 44-17598, Rural Bridge Replacement Initiative Phase I; LADOTD; Districts 04, 05, 08, 58 Contract 44-19336, Rural Bridge Replacement Initiative Phase II; LADOTD; Districts 04 and 05 – Environmental Manager. Performed QC review of wetland delineation field work and report preparation, prepared Solicitation of Views letters, NEPA Categorical Exclusion Documents, and regulatory permit applications for the replacement of 87 bridge structures in northern Louisiana.			
03/19-05/21		S.P. No. H.0115116, LA 20 Widening (LA 307 to S. Vacherie); LADOTD; St. James and Lafourche Parishes, LA – Environmental 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 coordination for the 2.5-mile roadway widening and bridge replacement project.			
08/25 - Ongoing		S.P. No. H.008069 Peters Road Bridge and Extension (Phase 3); LADOTD; Jefferson and Plaquemines Parishes, LA – Environmental Manager. Supported LADOTD transportation project by coordinating efforts pertaining to the National Environmental Policy Act			

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

continued	(NEPA) Supplemental Environmental Assessment (SEA) conducted for the design of a new bridge spanning the GIWW near Belle Chasse, LA. Role included coordination of kickoff and scoping meetings, conducting environmental inventory, preparation of technical reports (Phase I ESA / Navigational Study), supporting public meetings, invoicing, and stakeholder coordination.
07/23 - Ongoing	S.P. No. H.015555, LA 1077 & Brewster Rd Roundabout; LADOTD; St. Tammany Parish, LA - Environmental Manager. Provided NEPA compliance and coordination, to support project development and regulatory requirements. Cy also coordinated and assisted in the development and preparation for the Public Meeting, hosted by St. Tammany Parish Government.
01/26 - Ongoing	FY26 Bridge Bundle Program - LA 1071 over Creek / LA 1036 over Tickfaw River / LA 444 over Dunham Bayou; Office of Louisiana Highway Construction; Statewide, LA - Environmental Manager. TBS is the prime consultant for OLHC's 2026 Bridge Bundle Program engineering services for nine bridge replacement projects across Districts 02, 61, and 62. Cy supported the project by coordinating with the OLHC and its program management group, managed multiple phases that included desktop environmental reviews, Wetland Delineations, regulatory permitting, cultural studies, and agency coordination.
03/15 - 11/20	H.010116, LA 1088 Corridor Environmental Assessment (LA 59 to I-12); LADOTD; St. Tammany Parish, LA - Environmental Manager. Responsible for conducting Phase I ESA field inventory, landowner coordination/survey and research activities, Phase I ESA document deliverable and coordination of NEPA process for Environmental Assessment.
11/22 - 04/25	S.P. No. H.015405, Keller Street Bridge Replacement; LADOTD; St. Tammany Parish, LA - Environmental Manager. Cy prepared and reviewed the wetland delineation report for submittal, developed the wetland impact determination, prepared Solicitation of Views package, and prepared the categorical exclusion document which saved time and resources.
02/18-12/22	S.P. No. H.015688, LA 3127 Extension; LADOTD; Ascension Parish, LA - Environmental Manager. Prepared 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 led Environmental Assessment (EA) NEPA document preparation upon approval of Stage 0 for the 7-mile, 4-lane rural arterial roadway extension.
04/21 - 02/22	Eastside Public Safety Substation; Terrebonne Parish Consolidated Government; Terrebonne Parish, LA - Environmental Manager. Cy led the NEPA environmental clearance process for the proposed Eastside Public Safety Substation funded through the HUD Community Development Block Grant (CDBG) program. Responsibilities included preparation of a Phase I Environmental Site Assessment and Environmental Review Record in accordance with 24 CFR Part 58, including floodplain analysis and coordination of regulatory documentation required for project approval.
03/22 - 05/22	NSU Bayou Region Incubator; Nicholls State University; Thibodaux, LA - Environmental Manager. Led the environmental review for the proposed Bayou Region Incubator Project, including preparation of an Environmental Review Record (ERR) in accordance with NEPA and HUD 24 CFR Part 58 requirements for Community Development Block Grant (CDBG) funding. The review evaluated potential impacts related to noise, air quality, floodplains, wetlands, historic properties, endangered species, and environmental justice, and included completion of required environmental and statutory checklists to support a Finding of No Significant Impact (FONSI) determination and environmental clearance.
12/19 - 04/21	14th Street Drainage Improvement; City of Galveston; Galveston, TX - Environmental Manager. Conducted the Phase I Environmental Site Assessment, developed the NEPA Environmental Assessment document, and prepared the US Army Corps of Engineers permit application. This project aimed to mitigate flooding attributed to an undersized storm drain collection system often compounded by high tidal conditions in Galveston Bay.

16. Staff Experience:

Firm employed by:



T. BAKER SMITH



Name	Andrée Cortez, PE, PMP		Years of relevant experience with this employer	14
Title	Chief Operations Officer		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization			Bachelor of Science / 1999 / Civil Engineering	
Active registration number / state / expiration date			PE.31523 / Louisiana / 03.31.2027	
Year registered	2004	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities: Supervisor - Eng. Andrée will provide Quality Assurance/Quality Control expertise.				
Andrée brings 26 years of civil engineering, project management, and executive leadership experience, including extensive Quality Assurance/ Quality Control oversight for LADOTD roadway and bridge projects. As Chief Operations Officer at TBS, Andrée helps maintain project accountability, staffing continuity, quality procedures, and client responsiveness across complex transportation, environmental, and survey assignments. She will provide QA/QC leadership informed by her oversight role on previous and current LADOTD projects, as well as her experience guiding DOTD deliverables from design through construction support. Andrée holds Project Management Professional (PMP) Certification No. 2591855 and she is a CPRA Certified Levee Inspector.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
10/22 - Ongoing	Contract 44-25027, Infrastructure Investment and Jobs Act (IIJA) Off System Bridge Program District 08; LADOTD; District 08, LA - Principal, QA/QC Lead. Andrée serves as QA/QC Lead for this federally funded, multi-project bridge replacement program. She oversees all civil engineering tasks and manages coordination between survey, environmental, and engineering teams, ensuring alignment across disciplines and consistent delivery of high-quality design packages.			
08/20 - Ongoing	Contract 44-17598, Contract 44-19336, Rural Bridge Replacement Initiative, Ph I and Ph II (87 bridge structures); LADOTD; Districts 04, 05, 08, 58 - Principal, QA/QC Lead. Andrée serves as QA/QC Lead for this large-scale, multi-project program involving 87 bridge replacements across multiple LADOTD districts. She provides oversight for all civil engineering tasks, including coordination of survey, design, and construction documentation. Her role includes direct supervision of roadway and bridge design efforts, ensuring consistency, quality, and efficient delivery across a high volume of concurrent projects.			
03/17 - 04/23	S.P. No. H.013116, LA 20 Widen: LA 307 - S. Vacherie; LADOTD; St. James & Lafourche Parishes, LA - Principal, QA/QC Lead. Andrée supervised roadway and bridge design for this widening project, including development of split-phase construction sequencing. She provided QA/QC oversight for superstructure and substructure design, foundation plans, and roadway elements, ensuring that complex phasing and design components were coordinated and constructible.			
06/20 - 04/23	Amazon Distribution Center; Scannel Properties, LLC; Carencro, LA - Chief Operations Officer. Andrée provided oversight for the QA/QC of all civil scope items including the 150-acre site design supporting the 1,080,000 square foot facility, offsite road improvements, 40 acres of site drainage detention ponds, 1,000 passenger vehicle parking spaces and 300 truck stalls. TBS-performed services including engineering, surveying and environmental permitting.			

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

10/12 - 11/17	Thibodaux Regional Wellness Center; Thibodaux Regional Medical Center; Thibodaux, LA – Project Manager. Andrée was responsible for all civil site design services provided for the 20-acre development of the Wellness Center for TRMC. She supervised services including boundary and topographic survey; annexation, rezoning, and minor subdivision process; Phase I environmental site assessment; wetland delineation; permitting; storm water pollution prevention plan (SWPPP) for construction activities; preliminary and final overall designs; construction management; and offsite drainage coordination.
07/14 - 11/16	MidSouth Bank General Services; MidSouth Bank; Multiple Locations – Project Manager. Andrée was responsible for all services provided to MidSouth Bank as they expand to new locations and remodel existing locations. She managed the TBS team that provided civil design, surveying, environmental permitting, and landscape architecture. Andrée provided agency and client coordination, set up weekly meetings, and reviewed all research by the TBS team.
09/18 - 01/26	S.P. No. H.001344, US 190: LA 437 to US 190 Bus (Ph 1); LADOTD; St. Tammany Parish, LA – Principal, QA/QC Lead. Andrée provided executive oversight and QA/QC leadership for US 190 Phase 1, including roadway widening, bridge design, drainage design, traffic control, and construction-support services. She supported interdisciplinary coordination and reviewed key deliverables for consistency with LADOTD requirements during design and construction support.
03/23 - Ongoing	Contract 44-24928, IDIQ Contract for Roadway Design Services; LADOTD; Statewide – Principal, QA/QC Lead. Andrée provides executive oversight and serves as QA/QC Manager for a statewide IDIQ contract supporting roadway design services across multiple task orders. She ensures consistent application of QA/QC procedures and adherence to DOTD standards across concurrent projects and disciplines. She maintains quality, consistency, and reliability in deliverables while supporting efficient program-wide execution.
11/23 - Ongoing	S.P. No. H.015576, LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA – Principal, QA/QC Lead. Andrée serves as QA/QC Lead for the LADOTD Roadway Design Services Statewide IDIQ, including the LA 447 & LA 1025 Roundabout task order. She oversees QA/QC procedures, staffing, and interdisciplinary coordination for this multi-disciplinary project, ensuring that survey and design efforts are aligned and that deliverables meet LADOTD standards. Her leadership helps maintain consistency across task orders while supporting efficient delivery under the IDIQ framework.
02/17 - 03/23	S.P. No. H.011152, I-12: US 190 to LA 59; LADOTD; St. Tammany Parish, LA – Principal, QA/QC Lead. Andrée oversaw all bridge design tasks for the widening of I-12 bridges along a four-mile corridor. She ensured technical accuracy and constructability through direct oversight of design development, supporting the successful delivery of a complex, high-traffic infrastructure improvement.
02/20 - 12/22	S.P. No. H.012812, US 190 at Northshore and Camp Villere; LADOTD; St. Tammany Parish, LA – Principal, QA/QC. Andrée managed and coordinated the project team while serving as QA/QC Lead, providing oversight for all deliverables to ensure quality and client satisfaction. She maintained accountability across project team and ensured that project outputs met LADOTD expectations through structured quality control processes and team coordination.
05/24 - Ongoing	23-EN-HC-0029, Highland Road at Pecue Lane; City of Baton Rouge, East Baton Rouge Parish, LA – Principal, QA/QC Lead. Andrée serves as QA/QC Lead for this intersection improvement project, ensuring implementation of internal quality procedures and successful delivery to the City-Parish. She oversees staffing across multiple disciplines and coordinates with subconsultants, reinforcing consistency and accountability throughout project execution.
01/25 - Ongoing	S.P. No. H.015587, LA 3211 @ Yokley Road Roundabout; LADOTD; St. Mary Parish, LA – Principal, QA/QC Lead. Andrée serves as the QA/QC Lead for this single-lane roundabout project at the intersection of LA 3211 and Yokley Road. She oversees all civil engineering tasks and manages coordination between disciplines (survey was completed under contract 44-21973). She also provides QA/QC review of deliverables to ensure that project outputs meet LADOTD expectations through structured quality control processes and team coordination.

16. Staff Experience

Firm employed by:



T. BAKER SMITH



Name	Brady Trahan, PWS			Years of relevant experience with this employer	21
Title	Senior Lead Professional, Environmental			Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization				Bachelor of Science / 1998 / Microbiology	
Active registration number / state / expiration date				N/A	
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities: Environmental Manager. Brady will provide environmental coordination and services.					
Brady serves as the firm’s Lead Professional of environmental operations for Louisiana offices and is primarily involved in regulatory and ecological compliance for pipeline and utility corridor transmission activities, oil and gas exploration and production activities, land resource and wetland mitigation management, and commercial and large-scale residential developments. He is a Professional Wetland Scientist with experience in wetland delineations and mitigation, Section 10/404 permitting, Coastal Zone Management permitting, oyster assessments, and environmental site assessments. He also has experience in coordinating the efforts of subcontractors, endangered species surveys, wildlife management plans, large-scale wetland and vegetation mapping projects, wading bird rookery surveys and general environmental permitting for oil and gas activities and commercial real estate development. Brady routinely provides clients with permitting assistance with the U.S. Department of the Army Corps of Engineers (USACE), U.S. Environmental Protection Agency, Federal Energy Regulatory Commission, U.S. Department of Interior Fish and Wildlife Service, Louisiana Department of Natural Resources, Louisiana Department of Wildlife and Fisheries, and other state and local agencies. Brady is a Certified Oyster Lease Damage Evaluation Board (OLDEB) Oyster Biologist, and also holds the NEPA and the Transportation Decisionmaking Process and Wetland Delineation certifications.					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
11/10 – 07/14	S.P. No. 700-51-0110, Interchange for US 90/LA 318 Route US 90; LADOTD; St. Mary Parish, LA – Environmental Manager. Assisted with NEPA analysis and provided oversight and coordination of the Stage 2 Environmental Assessment for the LA Highway 318 crossing over US Highway 90 alternative. Primary environmental focus was assisting with public outreach and completing a 340-acre wetland delineation.				
01/14 – 05/18	S.P. No. H.010724, Pecan Island Road Bridge over The Chenal; LADOTD; Pointe Coupee Parish, LA – Environmental Manager. Oversaw permitting and environmental services, including Coastal Zone Permit, SOVs, USACE permit drawings, wetland delineation, and NEPA documents & SOVs for off-system bridge replacement.				
06/13 – 09/18	S.P. No. H.010559, Bayou Mercier Road/Berard Canal Bayou; LADOTD; St. Martin Parish, LA – Environmental Manager. Oversaw permitting and environmental services, including Coastal Zone Permit, SOVs, USACE permit drawings, NEPA document preparation, wetland delineation, and SOVs for off-system bridge replacement.				
03/13 – 03/15	S.P. No. H.010557, Lajaunie Road/Lateral 1 Bayou St. Clair; LADOTD; Lafayette Parish, LA – Environmental Manager. Performed environmental surveys, wetland delineation and USACE permitting through LADOTD for the off-system bridge replacement project.				
06/13 – 12/14	S.P. No. H.010598, Derrick Road Bridge; LADOTD; Iberville Parish, LA – Environmental Manager. Oversaw environmental surveys, wetland delineation, NEPA document preparation and USACE permitting through LADOTD for the off-system bridge replacement.				

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

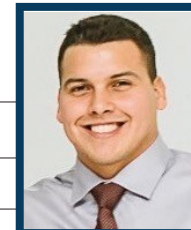
10/23 - 01/26	Acadiana Regional Gauge Network; Acadiana Planning Commission; Evangeline, St. Landry, Acadia, Lafayette, St. Martin, Vermilion, Iberia, and St. Mary Parishes, LA - Environmental Manager. Responsible for overseeing the design, planning, and engineering of a regional gauge network in the Acadiana area.
10/20 - 02/22	Mid-Barataria Sediment Diversion, BA-0153; CPRA; Plaquemines & Jefferson Parishes, LA - Environmental Manager. TBS is assisting with developing the Sediment Monitoring Plan and execution of the Plan, marsh creation design utilizing Beneficial Use of Material, design of the outfall transition from the conveyance channel into the basin, and structural design of wing walls at the intake and back gate structure. The project has a proposed design flow capacity of 75,000 cfs and is expected to build and nourish up to 30,000 acres of wetlands over 50 years. The project will utilize the alternative delivery method Construction Management at Risk. TBS is tasked with developing and executing the sediment monitoring plan, marsh creation design utilizing beneficial use of dredged material, design of the outfall transition from the conveyance channel into the basin, and structural design of wing walls at the intake and back gate structures.
09/21 - 08/23	North Lafourche Levee District Pump Station Monitoring System; North Lafourche Conservation, Levee, and Drainage District; North Lafourche, LA - Environmental Manager. TBS worked with NLLD to design, build, and install a monitoring system, solving the data problem. To modernize the pump station infrastructure, TBS was required to design a physical self-contained, self-powered, weatherproof, and internet-connected monitoring system. A unique combination of technology was used to build the physical station, as well as the supporting cloud infrastructure, providing a user-friendly way of accessing critical data. The combination and implementation of this new pump station monitoring technology provides multiple benefits for both NLLD and the community.
01/22 - 02/25	Bayou Lafourche - Bridge Sensors; Bayou Lafourche Fresh Water District; Lafourche Parish, LA - Environmental Manager. Bayou Lafourche Fresh Water District (BLFWD) is in need of a near real-time monitoring system that can provide water elevation data to assist with daily operations. TBS has developed a system of purpose built sensors to monitor water surface elevations. The system is designed to be stand-alone, self-powered and installed on existing bridges. Data from the sensors will be uploaded to a GIS portal developed by TBS. This integrated portal will be the viewer through which BLFWD shall monitor the near real time and historical data observations.
07/20 - 06/24	St. James Pump Station Monitoring Services; St. James Parish Council; St. James Parish, LA - Environmental Manager. St. James Parish Government needed a near real-time monitoring system that could provide water level information at the existing Vacherie Canal backwater pump station. The data collected from the monitoring system assists the Parish in identifying current water levels remotely without physically sending Parish personnel to the site. Historical data will be retained in the system for future analysis to help understand patterns that lead to costly pump and levee maintenance and will be extremely valuable in resource allocation and infrastructure planning. Developed a system of purpose-built sensors to monitor water surface elevations. The system is designed to be stand-alone, self-powered and easily installed at the existing pump station facility. Data from the sensors will be uploaded to a web portal that has been developed by TBS.
01/15 - 02/25 02/25 - 04/26	Wetland Delineation and Regulatory Assistance for the Port Arthur LNG Terminal; Port Arthur, TX - Environmental Manager. Conducted a wetland delineation, threatened and endangered species surveys, mitigation planning, and associated regulatory permitting for a proposed LNG facility near Port Arthur, TX.

16. Staff Experience

Firm employed by:



T. BAKER SMITH



Name	Victor Hernandez			Years of relevant experience with this employer	9
Title	Senior Project Manager, Environmental			Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization				Bachelor of Science / 2014 / Biology	
Active registration number / state / expiration date				N/A	
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities: Environmental Pro. Victor will perform environmental services and satisfies MPR #6 and #7.					
Victor is a senior project manager and environmental professional responsible for developing, coordinating, and managing projects. He coordinates the preparation of environmental permits and conducts environmental research. He conducts and assists with environmental compliance inspections, environmental monitoring studies, environmental assessments, threatened and endangered species surveys. Additionally, he prepares reports and completes field work as necessary to complete documentation for transportation and roadway projects, oil and gas projects, and electrical substations & transmission projects, including SWPPPs/Inspections, SPCC Plans, Phase I ESAs, Phase II ESAs, EAs, EISs, NORM surveys, general soil sampling and confirmatory sampling, wetland delineations, coordination of noise and air studies, wildlife identification, endangered species/habitat biological assessments and eagle surveys. Victor also has numerous years of experience with restoration of sensitive habitats such as marsh and other wetlands which were impacted during construction projects, NEPA Environmental Assessments for federally funded projects, general and construction storm water permitting, permitting with LDNR, USACE, and local permits, and general environmental oversight on construction projects. Victor also holds the following certifications: ATSSA Traffic Control Technician, Radiation Safety Officer, Surveying and Control of Technologically Enhanced Naturally Occurring Radioactive Materials (TENORM), and Transportation of Technologically Enhanced Naturally Occurring Radioactive Materials (TENORM).					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection" etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
01/26 - Ongoing	FY26 Bridge Bundle Program - LA 1071 over Creek / LA 1036 over Tickfaw River / LA 444 over Dunham Bayou; Office of Louisiana Highway Construction; Statewide, LA - Environmental Professional. TBS is the prime consultant for OLHC's 2026 Bridge Bundle Program engineering services for nine bridge replacement projects across Districts 02, 61, and 62. Victor conducted wetland delineation field work, prepared report of findings, conducted threatened and endangered (T&E) species surveys, and assisted with desktop environmental reviews and regulatory permitting.				
08/20-03/23	Contract 44-17598 Rural Bridge Replacement Initiative Ph I; LADOTD Districts 04, 05, 08, 58; Contract 44-19336, Rural Bridge Replacement Initiative Ph II; LADOTD; Districts 04 and 05 - Environmental Professional. Conducted wetland delineation, threatened and endangered (T&E) species surveys, and field work, and USFWS IPAC self determination for all sites for the bridge replacement structures in northern Louisiana.				
11/23 - 08/25	Contract 44-25027, Infrastructure Investment and Jobs Act (IIJA) Off System Bridge Program; LADOTD; District 08, LA - Environmental Professional. Conducted wetland delineation and threatened and endangered (T&E) species surveys and field work. Coordination with GIS personnel for wetland boundary extents, gathering LiDAR data, conducted structure bat assessment, and preparation of detailed reports.				

16. Staff Experience: Victor Hernandez | T. Baker Smith, LLC - continued

09/25 - 05/26	S.P. No. H.008069, Peters Road Bridge and Extension (Phase 3); LADOTD: Jefferson and Plaquemines Parishes, LA – Environmental Professional. Performed Phase I ESA investigations and field documentation, coordinated GIS mapping and site boundary data, supported preliminary site planning, assisted with report development, and collaborated on project review presentations.
05/26 - ongoing	Tammany Trace Bridges, Regulatory Environmental Permitting; St. Tammany Parish Government; St. Tammany Parish, LA – Environmental Professional. T. Baker Smith provided regulatory environmental permitting services for St. Tammany Parish Government Project PPSL No. 25-29-5, supporting multiple bridge improvements along the Tammany Trace. TBS executed wetland delineations and obtained required environmental permits for the construction of Tammany Trace Bridges #13, #14, and #24, which included timber trestle crossings over Bayou Castine, a Bayou Castine tributary, and a tributary to the Abita River. Additionally, TBS is providing a comparable scope of environmental permitting support services for Bridges #5, #9, #15, #17, #19, #22, and #23. Victor coordinated wetland assessment and reporting activities, integrated survey, topographic, and LiDAR datasets, updated GIS mapping and datasheets, reviewed permit applications, and ensured technical accuracy of project deliverables.
11/19-12/19	S.P. No. H.013199, Country Estates Dr. / St. Louis Bayou-E; LADOTD; Terrebonne Parish, LA – Environmental Professional. Performed wetland delineation for the replacement of Country Estates Drive/St. Louis Bayou off-system bridge.
12/18	S.P. No. H.013080, McLemore Rd. / Bee Bayou OSBR; LADOTD; Richland Parish, LA – Environmental Support. Prepared SOVs, gathered agency responses, completed environmental checklists, conducted wetlands delineation and prepared report, conducted threatened and endangered species surveys, assisted with permit drawing preparation for USACE permitting through DOTD, coordinated with USFWS, and assisted with wetlands mitigation with Parish for the off-system bridge replacement project.
12/18	S.P. No. H.013144, Pine Bluff Rd. / Drain to Cypress Creek OSBR; LADOTD; Ouachita Parish, LA – Environmental Support. Prepared SOVs, gathered agency responses, completed environmental checklists, conducted wetlands delineation and reporting, assisted with permit drawing preparation for USACE permitting through DOTD, conducted threatened and endangered species surveys, coordinated with USFWS, and wetlands mitigation assistance to Parish for the off-system bridge replacement of two (2) bridge sites in Ouachita Parish.
06/24 - Ongoing	ENG-17-013, LA 3127 Extension (LA 70 to LA 1); Ascension Parish Government; Ascension Parish, LA – Environmental Professional. Conducted wetland delineation field work, prepared report of findings, conducted Threatened & Endangered Species Surveys, and completed the site reconnaissance for the Phase I Environmental Site Assessment.
10/22 - 07/23	S.P. No. H.015405, Keller Street Bridge Replacement; LADOTD; St. Tammany Parish, LA – Environmental Professional. Reviewed the site background and details, coordinated the field work, conducted the wetland delineation, prepared the wetland delineation report, and conducted follow-up delineation tasks for preparation of data sheets and plats.
03/21	North Columbia Street Bridge Replacement; City of Covington; Covington, LA – Environmental Professional. Conducted wetland delineation for this bridge replacement project that includes the removal of an existing timber supported bridge and installation of 60' span concrete bridge for the City of Covington.
09/21-08/22	Golden Meadow to Clovelly T-Line Rebuild; Entergy; Lafourche Parish, LA – Environmental Professional. Onsite Weekly Environmental Inspector. Provided environmental oversight, including migratory bird monitoring, for the 230Kv transmission line. Worked with contractors and Entergy environmental staff to remedy environmental site concerns.
11/20-05/21	Waterford to Raceland Transmission Line, Entergy, Lafourche Parish, LA – Environmental Professional. Bald Eagle monitoring for the Waterford to Raceland Transmission Line and bald eagle signage removal for the Waterford to Raceland line.

16. Staff Experience

Firm employed by:



T. BAKER SMITH



Name	Samantha Baier, CCP			Years of relevant experience with this employer	5
Title	Project Manager			Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization				Bachelor of Science / 2014 / Marine Biology	
Active registration number / state / expiration date				N/A	
Year registered	N/A	Discipline	N/A		

Contract role(s) / brief description of responsibilities: **Environmental Pro. Samantha will conduct environmental reviews and services.**

Samantha has 12 years of experience as an environmental professional. Her duties include compliance reporting ranging from Hazardous Waste Management and annual Tier II and Toxic Release Inventory (TRI) reporting to the preparation of Spill Prevention, Control, and Countermeasure (SPCC) Plans, Storm Water Pollution Prevention Plans (SWPPPs), and Emissions Inventories. She is experienced in stormwater, wastewater, and general discharge permits and she procures regulatory permits for various projects in the oil & gas and energy market as well as private industry from USACE and Department of Natural Resources. She has extensive experience preparing Phase I and Phase II Environmental Site Assessments (ESAs) and other regulatory compliance reports to satisfy due diligence, environmental compliance, and health and safety concerns in multiple states. Samantha is an accomplished NEPA practitioner with experience in categorical exclusions (CEs), Environmental Assessments (EAs), and Environmental Impact Statements (EISs). She also prepares technical reports, biological assessments, and biological opinions which may accompany NEPA documentation. She is especially versed in impact analysis of renewable and fossil energy on fisheries in the East and Gulf coasts. Samantha maintains the following certifications: FHWA-NHI-142005 NEPA and the Transportation Decisionmaking Process, ASTM Environmental Site Assessment Phase I Training, USACE Wetland Delineation Training Program, and Certified Coastal Practitioner.

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
05/22-ongoing	Contract 44-19336 – Rural Bridge Replacement Initiative Phase II; LADOTD; Districts 04 & 05 – Environmental Professional. Managed environmental compliance and permitting for a statewide rural bridge replacement program, leading preparation of Categorical Exclusions, environmental screenings, EDR reviews, IPaC coordination, threatened and endangered species evaluations, GIS mapping, and permit applications. Directed agency coordination, mitigation tracking, regulatory approvals, and multidisciplinary collaboration across numerous transportation projects. Conducted NEPA review, submitted USACE permit applications, and prepared SOVs.			
09/25-Ongoing	FY26 Bridge Bundle Program; Office of Louisiana Highway Construction; Districts 02, 61, and 62 – Environmental Professional. Samantha provides environmental permitting and due diligence support for the development of plans to replace nine bridges on the State Highway System in Districts 02, 61, and 62. She prepares and reviews Desktop Reviews and supporting technical documentation, develops Solicitation of Views letters, and coordinates agency responses to maintain local, state, and federal permitting compliance. She also performs QA/QC on deliverables to ensure timely, construction-ready PS&E submittals for the Office of LA Highway Construction.			
08/19	S.P. No. H.0115116, LA 20 Widening (LA 307 to S. Vacherie); LADOTD; St. James and Lafourche Parishes, LA – Environmental Professional. Review environmental documentation to assure LADOTD compliance for the 2.5-mile roadway widening and bridge replacement project.			

16. Staff Experience: Samantha Baier , CCP | T. Baker Smith, LLC - continued

10/22 - ongoing	Contract 44-25027, Infrastructure Investment and Jobs Act (IIJA) Off System Bridge Program; LADOTD; District 08, LA - Environmental Professional. Supported environmental compliance and permitting for Louisiana DOTD bridge replacement projects by preparing Categorical Exclusion documents, conducting environmental screening and resource mapping, coordinating cultural, wetlands, and threatened and endangered species reviews, managing agency and tribal consultation, developing permit applications, tracking project milestones, and facilitating regulatory approvals.
07/23-Ongoing	S.P. No. H.015405, Keller Street Bridge Replacement Project; LADOTD; Abita Springs, LA - Environmental Professional. Researched and prepared NEPA Categorical Exclusion in accordance with DOTD standards and completed the environmental checklist associated with CE projects. Familiar with the programmatic agreement and all associated regulations needed for proper processing of these NEPA documents. Also aided in Wetland Delineation fieldwork and prepared report and datasheets.
10/25 - ongoing	S.P. No. H.008069, Peters Road Bridge and Extension (Phase 3); LADOTD; Jefferson and Plaquemines Parishes, LA - Environmental Professional. Managed environmental review and NEPA documentation for a major transportation infrastructure project, leading development of Supplemental Environmental Assessment and Phase I ESA reports, navigational studies, agency coordination, stakeholder engagement, public meeting support, environmental screenings, and technical analyses. Directed multidisciplinary teams, regulatory compliance efforts, and project deliverables.
10/25 - 03/26 06/26 - ongoing	Tammany Trace Bridges, Regulatory Environmental Permitting; St. Tammany Parish Government; St. Tammany Parish, LA - Environmental Professional. Managed environmental review, resource screening, and permitting for multiple bridge replacement projects, conducting threatened and endangered species evaluations, cultural resource and scenic stream assessments, coastal zone and Section 408 reviews, IPaC coordination, and GIS-based environmental analyses. Prepared Nationwide and Joint Permit applications, coordinated agency reviews, and advanced regulatory compliance.

16. Staff Experience

Firm employed by:



T. BAKER SMITH



Name	Hunter Stover			Years of relevant experience with this employer	7
Title	Lead Professional, Environmental			Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization				Bachelor of Science / 2014 / Geology	
Active registration number / state / expiration date				N/A	
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities: Environmental Pro. Hunter will conduct environmental reviews and services.					
Hunter is primarily involved in regulatory and ecological compliance for pipeline and utility corridor transmission activities, oil and gas exploration and production activities, land resource and wetland mitigation management, and residential developments. His previous work experience includes environmental remediations (performing environmental remediations for legacy lawsuits in Louisiana, including soil and water collection, analysis, and reporting), water sampling, and coastal protection. Hunter also holds PADI Diver Certification License #204712.					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection" etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
11/20 - 01/22	Contract 44-17598, Rural Bridge Replacement Initiative Ph I; LADOTD Districts 04, 05, 08, 58; Contract 44-19336, Rural Bridge Replacement Initiative Ph II; LADOTD; Districts 04 and 05 – Environmental Professional. Phases I and II project scope included the replacement of 87 bridges in 14 Parishes in northern Louisiana. Performed wetland delineation field work and report preparation, threatened and endangered species surveys including migratory birds, and performed bat assessments for the replacement of 87 bridge structures in northern Louisiana.				
10/23 - ongoing	Acadiana Regional Gauge Network; Acadiana Planning Commission; Lafayette, LA –Environmental Professional. Consulted with and participated in project planning meetings with various Acadian Planning Commission personnel pertaining to the locations of the gauges and various project tasks. Assisted in planning the gauge assessment assistance process/program in the Acadiana area.				
04/21 - 10/21	Wetland Delineation for the CP Express Pipeline; Venture Global; Various Parishes/Counties, LA and TX – Environmental Professional. Managed wetland delineation and threatened and endangered species surveys for a proposed 98-mile pipeline in Louisiana.				
10/19 - 12/19	Port Arthur LNG Proposed LNG Liquefaction Project and Beneficial Use of Dredged Material and Mitigation Marsh; Coastal Protection & Restoration Authority; Port Arthur, TX – Environmental Professional. Hunter performed a healthy marsh survey for the proposed mitigation site of the Port Arthur LNG Facility.				
05/19 - 07/24	Mud Lake to Big Lake T-Line; Entergy; Calcasieu and Cameron Parishes, LA – Environmental Professional. Performed wetland delineation, field survey and data processing, and habitat/T&E surveys to include bird surveys, specifically rookery and eagle nesting, in preparation for the transmission line installation.				
02/20 - 05/20	Proposed Railroad Loop Wetland Delineation; MRGAT, LLC; St. Gabriel Parish, LA – Environmental Professional. Conducted wetland delineation efforts, field work, threatened and endangered species surveys including migratory birds, and data review for the Mississippi River Gulf Access Terminal rail loop Wetland Delineation.				

16. Staff Experience: Hunter Stover | T. Baker Smith, LLC - continued

01/22 - 05/22	Bayou Lafourche - Bridge Sensors, Bayou Lafourche Fresh Water District, Lafourche Parish, LA - Environmental Professional. Bayou Lafourche Fresh Water District (BLFWD) is in need of a near real-time monitoring system that can provide water elevation data to assist with daily operations. TBS has developed a system of purpose-built sensors to monitor water surface elevations. The system is designed to be stand-alone, self-powered and installed on existing bridges. Data from the sensors will be uploaded to a GIS portal developed by TBS. This integrated portal will be the viewer through which BLFWD shall monitor the near real time and historical data observations.
03/21 - 05/23	Eagle Ford Shale Development; Trinity Operating; South Texas - Environmental Professional. Conducted desktop review prior to site visits to conduct wetland and water of the U.S. delineations and Threatened and Endangered Species habitat review for proposed exploration and production pads, facility pads, access roads and pipelines. Desktop cultural resources review, FEMA floodplain review, and a summary of findings were prepared and submitted to Trinity Operating prior to project construction.
03/20 - 04/20	Post Pipeline Construction Vegetation Survey; Cameron Interstate Pipeline LLC; Calcasieu Parish, LA - Environmental Professional. Conducted a post pipeline construction wetland vegetation survey and threatened and endangered species surveys.
07/19 - 09/19	Proposed Pipeline; Private Client; Various Parishes, LA - Environmental Professional. Conducted wetland delineations, threatened and endangered species surveys including migratory birds, and noxious vegetation assessments for the construction of a 283-mile pipeline, which traverse through various parishes in Louisiana.
04/21	Wetland Delineation; Cleco; Lafayette Parish, LA - Environmental Professional. Conducted wetland delineation for a proposed private power utility project in Lafayette Parish, Louisiana. A report outlining the findings of the wetland delineation and other environmental concerns was submitted to the client upon completion.

16. Staff Experience

Firm employed by:



T. BAKER SMITH



Name	Brodee Landry			Years of relevant experience with this employer	3
Title	Environmental Professional			Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization				Bachelor of Science / 2014 / Environmental Science	
Active registration number / state / expiration date				N/A	
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities: Environmental Pro. Brodee will conduct environmental reviews and services.					
Brodee has 12 years of experience as an environmental professional. His experience includes his past roles as a Marine Biologist and Alligator Biologist for the Louisiana Department of Wildlife & Fisheries. He was the manager of the database for biological data collection and the Louisiana alligator program data, served as lead biologist for wetland habitat assessment and wild season alligator tag allocation, worked closely with governmental agencies and private landowners, and performed program specific field work such as aerial coastal nest surveys, hide inspections, egg collection/incubation, wild season data collection, and research studies, as well as performed inshore and offshore trawl, oyster dredge, seine, gill net, and trammel net sampling. Adding to his experience and current duties, he performs wetland field work, threatened and endangered species analysis, data collections, and wetland delineations. Brodee maintains the following certifications: LDWF Boating Safety Education, Certified Oyster Lease Damage Evaluation Board (OLDEB) Oyster Biologist, Airboat Operator Certification, and Forklift Operator Safety Training.					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection” etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
07/25 - ongoing	Contract 44-19336, Rural Bridge Replacement Initiative (Phase II); LADOTD; Multiple Districts - Environmental Professional. Performed wetland delineation field work at each bridge location, report preparation, and performed bat assessments to determine the presence or absence of bats at each bridge location based on visual inspection of probable habitat.				
10/23 - 05/25	Contract 44-25027, Infrastructure Investment and Jobs Act (IIJA) Off System Bridge Program; LADOTD; District 08, LA - Environmental Professional. Provided environmental consulting services for eight bridge replacement projects. Activities included site reconnaissance, wetland delineations, and threatened and endangered species assessments focused on federally listed bat species. Brodee conducted field surveys, documented wetland boundaries and habitat conditions, prepared bat survey datasheets, completed IPaC reviews, and developed supporting environmental documentation.				
06/24 - 09/24	Waterford to Commodore T-Line; Entergy; Iberville, Ascension, Assumption, St. James, St. John the Baptist, & St. Charles Parishes, LA - Environmental Professional. Brodee is providing environmental support for a wetland delineation, regulatory permitting, and environmental field services in accordance with regulatory guidelines.				
04/24 - 05/24	Pipe Yards & Offloading Site; Venture Global; Calcasieu Parish, LA - Environmental Professional. Brodee is providing environmental support for a wetland delineation, regulatory permitting, and environmental field services in accordance with regulatory guidelines.				
4/24 - 05/24	Bayou Vista-Segura T-Line; CLECO; Garden City, LA - Environmental Professional. Performed an annual vegetative monitoring assessment on the restoration of two sites in accordance with the Black Bear Refuge Project. The purpose of the project is to ensure a high-quality, diverse habitat to black bears by planting native species. Tree counts were taken to determine survival rates, as well as to influence further management to ensure successful restoration.				

16. Staff Experience

Firm employed by:



T. BAKER SMITH



Name	Kenny Belou, PE			Years of relevant experience with this employer	4
Title	Engineering Lead Professional, Transportation			Years of relevant experience with other employer(s)	17
Degree(s) / Years / Specialization				Bachelor of Science / 2009 / Civil Engineering	
Active registration number / state / expiration date				PE.38850 / Louisiana / 09.30.2026	
Year registered	2014	Discipline	Civil		
Contract role(s) / brief description of responsibilities: Supervisor - Eng. Kenny will serve as Roadway Design Lead and satisfies MPR #10.					
Kenny Belou, PE is TBS' engineering Lead Professional for our transportation practice. His duties include overseeing engineering execution for transportation related projects including design activities, report preparation, construction documents, construction administration, and client satisfaction. He has over 20 years of experience designing projects in accordance with LADOTD's Road Design Manual, Off-System Highway Bridge Program Guidelines, Hydraulics Manual, Bridge Design and Evaluation Manual, AASHTO's Geometric Design of Highways and Streets, and the LADOTD Standards and Specifications for Roads and Bridges. Kenny has completed the NEPA and the Transportation Decisionmaking Process course.					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
03/23 - Ongoing	Contract 44-24928, IDIQ Contract for Roadway Design Services; LADOTD; Statewide - Overall Project Manager. Kenny serves as the overall project manager and contract coordinator for this Statewide Roadway Design IDIQ. He coordinates with the engineers of record to ensure staffing needs are met, provides QA/QC, and ensures on-time project delivery for three ongoing task orders (H.015576, H.015721, and H.015587). Kenny is also responsible for scoping, manhour estimates, and contract negotiations. He coordinates with LADOTD Project Managers and overall IDIQ Manager.				
10/22 - 04/23	S.P. No. H.013116, LA 20 Widen: LA 307 - S. Vacherie; LADOTD; St. James & Lafourche Parishes, LA - Engineer of Record (Road) and Project Manager. Kenny was responsible for the asymmetrical widening of 2.7 miles of LA 20 to add 8' shoulders near Vacherie, LA. Project scope included horizontal and vertical geometry, drainage design (subsurface and open ditch), cross section roadway elements, and permanent signing and pavement markings. Provided quality control review of bridge plan set ensuring compliance with LADOTD standards and coordination with in-construction state project located within the project limits. Coordinated with LADOTD project manager, LADOTD pavement design section, LADOTD hydraulic section, and subconsultants to ensure project delivery meeting all necessary standards and coordinated with adjacent project. Oversaw the design of required utility relocations required for the roadway project along the corridor as a separate project let through St. James Parish.				
11/23 - Ongoing	S.P. No. H.015576, LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA - Supervisor Engineer. Kenny is the supervisor engineer for this roundabout project in Livingston Parish, issued as a task order through TBS's master contract for LADOTD Roadway Design Services IDIQ. He is responsible for the quality assurance, quality control, and project delivery for this urban single lane roundabout. 100% Preliminary Plans were delivered to LADOTD on schedule in October 2024.				
07/25 - 09/25	S.P. No. H.015308, I-49: I-10 to St. Landry Parish Line; LADOTD; Lafayette Parish, LA - Supervisor Engineer. Kenny supported the design and delivery of this pavement preservation project as a task order under the LADOTD Roadway Design Services IDIQ contract. The				

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

continued	project included milling, patching, and overlay of approximately 9 miles of interstate, along with guardrail replacement and rehabilitation of concrete sections. He oversaw key aspects of project execution, including QA/QC, interdisciplinary coordination, and adherence to schedule requirements, and assisted with survey deliverables (performed under Contract 44-21973). Kenny ensured delivery of plans within a 45-day schedule to meet LADOTD's expedited project needs.
04/20 - 09/22	Citrus Boulevard Improvements; Jefferson Parish Government; Jefferson Parish, LA - Project Manager and Project Engineer for the design, plan preparation, and bidding. Project scope is for roadway removal and reconstruction for the 0.90mile project length of Citrus Boulevard, located in Elmwood, LA. Project scope also includes the redesign of intersection turnouts and median openings along with the addition of a left turn lane at Edwards Avenue. Tasks include Job planning, design, and coordination and oversight of sub-contractors, including topographic survey, and traffic engineering. Coordination with owner and program manager. Due to the high traffic volume corridor, additional coordination with property owners and utilities along with construction sequencing was completed in order to maintain access to commercial and residential properties. Design tasks include roadway vertical curves, turnout analysis for new design vehicle, and median openings. Project delivered under budget.
05/23 - Ongoing	Contract 44-25027, Infrastructure Investment and Jobs Act (IIJA) Off System Bridge Program District 08; LADOTD; District 08, LA - Supervisor Engineer. This project included the replacement of 12 Off System Bridges and their adjacent roadways throughout LADOTD District 08. The existing bridge lengths range from 40' to 135' and the sites include cross drains, box culverts, and RC slab span bridges. Kenny is the overall project manager and supervisor engineer, responsible for complete contract and schedule execution. He is also responsible for quality control of all design elements including bridge, roadway, and hydraulic design. He works in constant coordination with internal task managers, the LADOTD project manager, District & Area engineers, and sub-consultants to ensure on time and complete deliverables.
10/19 - 10/22*	S.P. No. H.013850, Duplessis Road Widening: US 61 - LA 73; Ascension Parish, LA - Lead Project Engineer. Kenny served as Lead Project Engineer through 95% Final Plans for this 1.517-mile roadway widening project. He oversaw roadway design development, including horizontal and vertical alignments, curve design off the existing alignment, widening geometry, and plan production. Kenny performed drainage calculations for open ditch and subsurface drainage systems, designed railroad crossing improvements, and coordinated with DOTD, Ascension Parish, Kansas City Southern Railroad, and other project stakeholders.
04/15 - 02/17*	S.P. No. H.007855, LA 431 at LA 934 Intersection Improvements; LADOTD; Ascension Parish, LA - Lead Project Engineer. Kenny served as Lead Project Engineer for this urban intersection improvement project in Ascension Parish, which included roadway widening, addition of left turn lanes on LA 431, a right turn lane on LA 934, and new subsurface drainage at the intersection. He was responsible for design of roadway geometry, subsurface drainage systems, cross drain analysis, pavement markings, signing layout, and construction sequencing.
10/24 - Ongoing	S.P. No. H.015721, LA 30: Roundabout @ St Elizabeth/ S Penn; LADOTD; Ascension Parish, LA - Supervisor Engineer. Kenny is the supervisor engineer for this roundabout project in Ascension Parish, issued as a task order through TBS's master contract for LADOTD Roadway Design Services IDIQ. He is responsible for the quality assurance, quality control, and project delivery for this urban multi-lane roundabout.
* previous employer	

16. Staff Experience

Firm employed by:



T. BAKER SMITH



Name	Daniel Binet, PE	Years of relevant experience with this employer	13
Title	Lead Transportation Engineer, Bridges	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		Bachelor of Science / 2014 / Civil Engineering	
Active registration number / state / expiration date		PE.42997 / Louisiana / 03.31.2027	
Year registered	2018	Discipline	Civil

Contract role(s) / brief description of responsibilities: **Engineer. Daniel will serve as Bridge Design Lead and satisfies MPR #11.**

Daniel Binet, PE is the Lead Engineer, Bridges at TBS with over 11 years of experience in civil and structural engineering. His experience includes project/task management, roadway design, urban and rural bridge replacement and rehabilitation design, bridge widening, bridge inspection, structural analysis, split phase construction sequencing, hydrologic/hydraulic analysis, construction support, and development of construction quantities and estimates. Daniel is very familiar with the AASHTO LRFD Bridge Design Specifications, AASHTO geometric and roadside design guides, LADOTD Bridge Design & Evaluation Manual, LADOTD plan preparation guidelines, and LRFR bridge rating procedures. He is also experienced in using AASHTO BrR, STAAD Pro V8i, LEAP CONSPAN structural analysis software, AutoCAD, MicroStation, InRoads and CADConform. Daniel is also a certified NBIS Bridge Inspection Team Leader and holds the following certifications: ATSSA Traffic Control Supervisor and Bridge Inspection Refresher Training.

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
06/16-12/18	I-10/Loyola Ave. Interchange Improvements; LA LADOTD; Jefferson Parish, LA – Project Engineer. Daniel performed all bridge tasks to design and layout a line and grade option for the interstate interchange horizontal & vertical alignment for the new MSY airport interchange in Kenner, LA. He completed preliminary superstructure and substructure design based on AASHTO & LADOTD BDEM guidelines. The option resented by TBS was selected by LADOTD to be moved into final design and construction.
09/15 – 03/23	S.P. No. H.011152, I-12: US 190 to LA 59; LADOTD; St. Tammany Parish, LA – Engineer of Record / Project Engineer. Daniel performed bridge design and plan preparation for the widening of Ponchitolawa Creek (EB & WB) and Tammany Trace (EB & WB) bridges utilizing AASHTO Type III prestressed girders and reinforced concrete slab spans with varying skew and span lengths. The design was completed using LEAP CONSPAN, STAAD and AASHTO BrR for load rating. He managed production and produced plans and details for the widening which included partial bridge demolition, foundation plans, split phase construction sequencing, widened substructure and superstructure details, and quantity breakdowns. Additionally, he assisted with roadway design including geometrics and drainage. Once the plans were submitted, Daniel provided construction support for RFIs, shop drawing submittals, and general coordination.
09/18 – 02/26	S.P. No. H.001344, US 190: LA 437 to US 190 Bus (Ph 1); LADOTD; St. Tammany Parish, LA – Engineer of Record/Project Engineer. This project serves to design and construct a new westbound bridge over the Bogue Falaya River in St. Tammany Parish, LA. The bridge features horizontal and vertical curvature with super-elevation near 4%. Adjacent roadway sections are also being improved and widened. Daniel performed bridge design tasks including a Bridge Alternative Study; developed Type, Size and Location (TS&L) plans for prestressed concrete (LG) girder spans and curved steel plate spans; and developed preliminary & final bridge plans for a column supported, 1,400' long bridge using LG 36 and LG 54 prestressed concrete girders. He produced foundation layouts, typical sections, general plan and elevation sheets, and structural details for the new bridge over the Bogue Falaya River as part of this Urban Arterial widening project.

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

08/20 - 12/24	Contract 44-17598, Rural Bridge Replacement Initiative, Ph I (47 bridge structures); LADOTD; Districts 04, 05, 08, 58 - Engineer of Record/Project Manager. The overall project scope for this projects includes the replacement of 47 bridges throughout 10 Parishes in Louisiana under an expedited schedule. The bridge lengths ranged from 20' - 340'. As project manager, Daniel performed QC review of topographic surveys & served as the EOR for bridge & road elements including hydraulic analysis, scour, horizontal/vertical alignments, bridge TS&L, structural design, & load rating for all structures including LG-25 girders, RC slab spans, & box culverts. Daniel is also providing bridge and structural construction support for contractor submittals and requests for information.
05/21 - Ongoing	Contract 44-19336, Rural Bridge Replacement Initiative, Ph II (40 bridge structures); LADOTD; Districts 04, 05 - Engineer of Record/Project Manager: The project scope includes replacing 40 bridges across 6 parishes in Louisiana on an expedited schedule, with bridge lengths ranging from 20 to 240 feet. As project manager, Daniel conducted QC reviews of topographic surveys and served as the EOR for bridge and road elements, including hydraulic analysis, scour, horizontal and vertical alignments, bridge TS&L, structural design, and load rating for all structures, including reinforced concrete slab spans and box culverts. Daniel also provides general construction support as necessary.
05/23 - Ongoing	Contract 44-25027, Infrastructure Investment and Jobs Act (IIJA) Off System Bridge Program District 08; LADOTD; District 08, LA - Engineer of Record/Project Manager. The overall project scope includes the replacement of 12 off-system bridges in Central Louisiana. Daniel is performing QC review of topographic surveys & serves as the EOR for bridge & road elements including hydraulic analysis, scour, horizontal/vertical alignments, bridge TS&L, structural design, & load rating for all structures including reinforced concrete slab spans & box culverts.
03/16 - 04/23	S.P. No. H.013116, LA 20 Widen: LA 307 - S. Vacherie; LADOTD; St. James & Lafourche Parishes, LA - Engineer of Record for Bridge Design/Project Engineer. Daniel served as an EOR for the asymmetrical widening of 2.7 miles of LA 20 near Vacherie, LA as a part of a rural arterial widening project. He performed all bridge replacement design tasks which included bridge replacement using split-phase construction methods, superstructure and substructure design using various programs including STADD ProV8i, prepared construction phasing details, foundation plans, and led overall bridge plan production efforts. Additionally, Daniel assisted with roadway widening tasks including sequencing and plan production.
09/25 - ongoing	FY26 Bridge Bundle Program - Districts 02, 61, and 62; Office of Louisiana Highway Construction; Statewide, LA - Lead Bridge Engineer. Daniel serves as the lead bridge engineer supporting the development of plans to replace nine bridges on the State Highway System in Districts 02, 61, and 62. He oversees bridge replacement design and plan production, including TS&L development, structural analysis, load rating, foundation and superstructure/substructure detailing, and coordination of split-phase construction sequencing as required. Daniel coordinates hydraulic and scour inputs with roadway, survey, and geotechnical teams to ensure fully integrated designs that meet LADOTD and AASHTO LRFD requirements. He also provides QA/QC, quantity development, and technical support through delivery of complete PS&E packages to the Office of Louisiana Highway Construction.
09/24 - 02/26	S.P. No. H.016095, LA 70 Rehab: Marguerite St to US 90; LADOTD; St. Mary Parish, LA - Engineer of Record. Daniel served as the Engineer of Record for this roadway rehabilitation project in St. Mary Parish. He led the design on all aspects of the project, including development of typical sections, drainage plan and profile sheets, and joint layouts w/ graphical grades. Daniel ensured the project delivery met LADOTD's aggressive schedule.

16. Staff Experience

Firm employed by:



T. BAKER SMITH



Name	Kelly Radecker, PE	Years of relevant experience with this employer	7
Title	Lead Transportation Engineer, Roads	Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization		Bachelor of Science / 2014 / Civil Engineering	
Active registration number / state / expiration date		PE.43919 / Louisiana / 03.31.2028	
Year registered	2019	Discipline	Civil

Contract role(s) / brief description of responsibilities: **Engineer. Kelly will provide road design engineering for the project.**

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

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
02/20 - 12/22	S.P. No. H.012812, US 190 at Northshore and Camp Villere; LADOTD; St. Tammany Parish, LA - Engineer of Record. Kelly was the Lead Roadway Engineer for the design and plan preparation of an urban multi-lane roundabout at the intersection of US 190 and Northshore Blvd. and an urban single lane roundabout at the intersection of US 190 and Camp Villere. She was responsible for the design of several roadway elements including the H&V alignments, roundabout geometrics, AutoTURN movements, drainage design, typical sections, sequence of construction, pay item compilation, and quantity take-offs. Kelly created design report forms and cost estimates as well as assisted in coordinating the environmental process including the creation of exhibits to be utilized at Public Meetings. She also coordinated with subconsultants and provided quality control of design elements performed by the subconsultant including temporary traffic signal design and roadway striping and signing sheets.
11/23 - Ongoing	S.P. No. H.015576, LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA - Engineer of Record. Kelly is the Lead Roadway Engineer for the design and plan preparation of an urban single lane roundabout at the intersection of LA 447 and LA 1025. She was responsible for the job planning, including preliminary schematic layouts and defining the project limits. She is responsible for the design of several roadway elements including the H&V alignments, roundabout geometrics, AutoTURN movements, typical sections, sequence of construction, pay item compilation and quantity take-offs. Kelly is responsible for creating design report forms as well as assisting in coordinating the environmental process including the creation of exhibits to be utilized at Public Meetings.
05/23 - Ongoing	Contract 44-25027, Infrastructure Investment and Jobs Act (IIJA) Off System Bridge Program District 08; LADOTD; District 08, LA - Engineer of Record. Kelly is the Lead Roadway Engineer for the design and plan preparation of 12 Off System Bridge Replacements throughout central Louisiana. Kelly is responsible for developing roadway and bridge geometrics including H&V alignment, cross sectional elements, drainage design and analysis. She oversees Inroads modeling, quantity calculations, and bridge layouts. Kelly is also providing quality control of all design and plan elements for the remaining replacement projects.

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

12/19 – Ongoing	S.P. No. H.014407, LA 621 at Roddy Rd; Ascension Parish Government; Ascension Parish, LA – Engineer of Record. Kelly is the Lead Roadway Engineer for the design and plan preparation of an urban single lane roundabout at the intersection of LA 621 and Roddy Rd. She is responsible for the design of several roadway elements including the H&V alignments, roundabout geometrics, AutoTURN movements, drainage design, typical sections, sequence of construction, pay item compilation and quantity take-offs. Kelly created design report forms and cost estimates as well as assisted in coordinating the environmental process including the creation of exhibits to be utilized at Public Meetings.
05/19 – 06/21	S.P. No. H.004113, I-12 to Bush: LA 3241: LA 435 to LA 40/41; LADOTD; St. Tammany Parish, LA – Project Engineer. The project scope included the design and construction of approximately 5.5 miles of roadway on virgin terrain consisting of four lanes with inside and outside shoulders and a depressed median. The project also included the coordination of design and construction of a 500' bridge over Talisheek Creek. Kelly provided design support for roadway design and plan production, as well as performed quality control of inroads modeling, provided assistance in quantity take-off calculations, reviewed roadway design plan sheets including Typical Section, Plan & Profile Sheets, and Geometric Layout Sheets, and reviewed permanent signing layout plans (including development of non-standard signs using SignCAD). She also drafted design exceptions and waivers and responded to comments from LADOTD on plan production.
08/20 – 07/24 05/21 – Ongoing Ph II	Contract 44-17598, Contract 44-19336, Rural Bridge Replacement Initiative, Ph I and Ph II (87 bridge structures); LADOTD; Districts 04, 05, 08, 58 – Engineer of Record. Kelly is the Lead Engineer for the design and plan production of 19 bridge replacements (5 state projects) throughout Central and North Louisiana. Prior to design, she conducted project site visits, compiled survey field packs and survey request forms, and reviewed topographic survey deliverables. Kelly is responsible for the development of all road and bridge design elements including H&V alignments, bridge hydraulic design, roadway cross sectional elements, guardrail calculations, geometrical layouts, summary sheets and cost estimates. Kelly reviewed and assisted in the submission of all environmental deliverables including wetland delineations. Kelly oversaw the development of all additional project documentation including Design Report Forms, Bridge and Hydraulic Design Criteria, Design Exceptions, and Design Waivers.
12/23 – Ongoing	S.P. No. H.015555, LA 1077/Brewster Rd Roundabout; St. Tammany Parish Government; St. Tammany Parish, LA – Engineer of Record. Kelly is the Lead Roadway Engineer for the design and plan preparation of an urban single lane roundabout at the intersection of LA 1077 and Brewster Rd. She is responsible for the job planning, including preliminary schematic layouts and defining the project limits. She is responsible for the design of several roadway elements including the H&V alignments, roundabout geometrics, AutoTURN movements, typical sections, sequence of construction, pay item compilation and quantity take-offs. Kelly is responsible for creating design report forms as well as assisting in coordinating the environmental process including the creation of exhibits to be utilized at Public Meetings.
03/24 – Ongoing	S.P. No. H.015554, Loyola Dr: 31st St – W Loyola Resurface; City of Kenner, LA – Engineer of Record. Kelly is the Lead Roadway Engineer for the design and plan preparation of the resurfacing of Loyola Dr, a Pavement Preservation Project through LADOTD's Urban Systems Program. She was responsible for the job planning, coordinating with LADOTD and City of Kenner. She is responsible for the plan production, quantity take-offs, and cost estimation. The project includes mill and overlay of the 0.6 mile portion of Loyola Dr and includes curb ramp replacement and installation of pedestrian crosswalks. She coordinated with the traffic engineering subconsultant for implementation of the results of the traffic study.
09/17 – 05/19*	S.P. No. H.012393, LA 98: Roundabout at Mills Street< Lafayette Parish, LA – Project Engineer. 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.
*previous employer	

16. Staff Experience

Firm employed by:



T. BAKER SMITH



Name	Brady Smith, PE, PMP			Years of relevant experience with this employer	4
Title	Project Manager, Transportation			Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization				Bachelor of Science / 2016 / Civil Engineering	
Active registration number / state / expiration date				PE.45362 / Louisiana / 09.30.2027	
Year registered	2021	Discipline	Civil		
Contract role(s) / brief description of responsibilities: Engineer. Brady will provide roadway and bridge engineering services.					
Brady serves as a project manager for projects that include roadway design, bridge replacements, hydrologic and hydraulic analysis, and drainage design. Brady gained valuable transportation experience while employed by LADOTD. He has experience in a wide variety of LADOTD projects including bridge replacements, bridge inspections, bridge load ratings, roundabouts, interstate ramps, and roadway widening. Brady is experienced in AASHTO and LADOTD's Geometric Design Guidelines as well as Bentley InRoads, MicroStation, AutoTURN, Torus, GeoHECRAS, and LADOTD's HYDRWIN programs. Brady has completed CPTP SCS Cybersecurity WBT training as required by LADOTD and holds the following certifications: Project Management Professional (PMP) #3974590, ATSSA Traffic Control Supervisor, and Safety Inspection of In-Services Bridges.					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
05/23 - Ongoing	Contract 44-25027, Infrastructure Investment and Jobs Act (IIJA) Off System Bridge Program; LADOTD; District 08, LA - Project Manager/Engineer of Record. Brady manages delivery of multiple bridge replacement projects under this program, including development of project schedules, subconsultant coordination, and manhour estimation. He leads roadway and bridge design including horizontal and vertical alignments, bridge hydraulic design, cross sections, guardrail calculations, and cost estimates. He oversees plan production, QA/QC, and development of project documentation including Design Report Forms, Bridge and Hydraulic Design Criteria, Design Exceptions, and Design Waivers while coordinating with LADOTD and stakeholders across multiple concurrent projects.				
02/22 - Ongoing	Contract 44-19336, Rural Bridge Replacement Initiative (Phase II); LADOTD; Multiple Districts - Engineer of Record. Brady serves as lead engineer for design and plan production of multiple bridge replacements across north Louisiana. He is responsible for roadway and bridge design elements including alignment, hydraulics, cross sections, guardrail design, and cost estimates. He performs load rating analysis and provides QA/QC for additional structures, and oversees development of environmental deliverables and project documentation including design reports and hydraulic criteria.				
03/23 - 07/23	S.P. No. H.013116, LA 20 Widen: LA 307 - S. Vacherie; LADOTD; St. James & Lafourche Parishes, LA - Project Engineer. Brady supported delivery of this roadway widening project involving asymmetrical widening of approximately 2.7 miles of LA 20 to add 8-foot shoulders. He led final QA/QC review and implementation of comments for construction plans, including horizontal and vertical geometry, drainage design, cross sections, and signing and pavement markings, ensuring compliance with LADOTD standards.				
09/24 - Ongoing	S.P. No. H.015721, LA 30: Roundabout @ St Elizabeth/ S Penn; LADOTD; Ascension Parish, LA - Engineer of Record. Brady serves as Engineer of Record for this urban multi-lane roundabout project delivered as a task order under the LADOTD Roadway Design Services IDIQ contract. He is responsible for overall project execution including preliminary schematic layout, defining project limits, and roadway				

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

continued	design elements such as horizontal and vertical alignments, roundabout geometrics, AutoTURN analyses, typical sections, construction phasing, and quantity take-offs. He leads preparation of design report forms and cost estimates and supports environmental coordination, including development of exhibits for public meetings and stakeholder coordination.
07/25 - 09/25	S.P. No. H.015308, I-49: I-10 to St. Landry Parish Line; LADOTD; Lafayette Parish, LA - Engineer of Record. Brady served as the lead engineer for the design and plan production of this pavement preservation project as a task order under the LADOTD Roadway Design Services IDIQ contract. The project included milling, patching, and overlay of approximately 9 miles of interstate, along with guardrail replacement and rehabilitation of concrete sections. He was responsible for roadway design elements including guard rail design and cost estimates and assisted with survey deliverables (performed under Contract 44-21973). Brady ensured delivery of plans within a 45-day accelerated schedule to meet LADOTD's expedited project needs.
07/24 - Ongoing	23-EN-HC-0029, Highland Road at Pecue Lane; City of Baton Rouge, East Baton Rouge Parish, LA - Project Manager / Engineer of Record. Brady manages project execution including schedule development, stakeholder coordination, and subconsultant management for this intersection improvement project. He has led development of the Design Study, including traffic analysis, environmental documentation, drainage mapping, and right-of-way mapping, and will serve as Engineer of Record for final design and plan production.
08/24 - 10/25	MA-18-07, Braud Road at Germany Road Roundabout, MoveAscension, Ascension Parish, LA - Engineer of Record. Brady served as the Engineer of Record for a single-lane roundabout project at the intersection of Braud, delivered as a task order in the MoveAscension program. He was responsible for overall project execution including horizontal and vertical alignments, roundabout geometrics, drainage systems (subsurface and open ditch), typical sections, sequence of construction, and quantity take-offs. Brady also provided QA/QC of subconsultant deliverables, including temporary traffic signal and roadway lighting plans.
04/17 - 02/19*	S.P. No. H.010124, LA 16: Roundabout @ LA 447; LADOTD; Livingston Parish, LA - Project Engineer. Brady supported design and plan production for this roundabout project including roadway geometry, drainage design, construction phasing, traffic control, right-of-way determination, and cost estimation, contributing to successful project delivery.
01/17 - 02/19*	S.P. No. H.008312, LA 1042 Bridges Near Greensburg; LADOTD; St. Helena Parish, LA - Project Engineer. Brady supported design and plan production for bridge replacement projects including roadway geometry, diversion road design, construction phasing, traffic control, and cost estimation. The project included replacement of multiple timber trestle bridges with concrete structures while maintaining traffic through diversion routes.

* previous employer

16. Staff Experience

Firm employed by:



T. BAKER SMITH



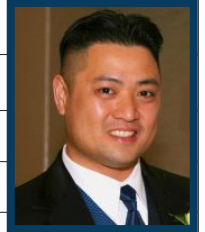
Name	Daniel Fontenelle, PE			Years of relevant experience with this employer	5
Title	Project Engineer, Transportation			Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization				Bachelor of Science / 2021 / Civil Engineering	
Active registration number / state / expiration date				PE.50693 / Louisiana / 03.31.2028	
Year registered	2025	Discipline	Civil		
Contract role(s) / brief description of responsibilities: Engineer. Daniel will provide roadway and bridge engineering services.					
Daniel provides roadway design and bridge design/inspections for TBS' transportation practice. He has experience in on-system and off-system bridge design and inspections. He is skilled in roadway design, drainage design, plan production, and construction sequencing.					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
05/23 - Ongoing	Contract 44-25027, Infrastructure Investment and Jobs Act (IIJA) Off System Bridge Program; LADOTD; District 08, LA - Project Engineer. Daniel provides design and plan production for several sites of the twelve off-system bridge replacements (9 state projects) throughout LADOTD District 08. In addition to the typical bridge design elements, Daniel also designs the H&V alignments, typical sections, roadway cross section elements, geometric layouts, and cost estimate preparation. He also drafts design exceptions for site specific limitations. Daniel performs hydraulic analysis including the calculation of peak discharge at the bridge structure.				
06/21 - 02/24 Ph I 07/21 - Ongoing Ph II	Contract 44-17598, Contract 44-19336, Rural Bridge Replacement Initiative, Ph I and Ph II (87 bridge structures); LADOTD; Districts 04, 05, 08, 58 - Project Engineer. Daniel is producing engineering drawings & plan sets, developing horizontal & vertical roadway alignments, reviewing engineering drawings, interpreting LADOTD standard plans, performing bridge calculations, designing rebar layouts, guard rail design, quantifying bridge & roadway elements, compiling & developing load rating reports, cost estimates, & attending plan-in-hand meetings with the client regarding the project's status and questions. He also utilized GEO-HECRAS to perform hydraulic & scour calculations.				
01/26 - Ongoing	FY26 Bridge Bundle Program - LA 1071 over Creek / LA 1036 over Tickfaw River / LA 444 over Dunham Bayou; Office of Louisiana Highway Construction; Statewide, LA - Project Engineer. TBS is the prime consultant for OLHC's 2026 Bridge Bundle Program engineering services for nine bridge replacement projects across Districts 02, 61, and 62. Developing horizontal and vertical alignments, designing substructure and superstructure bridge components, designing rebar layouts, performing bridge calculations, guard rail design, developed structural details, quantifying bridge and roadway components, reviewing engineering drawings, developing cost estimates, and attending client meetings to discuss project status and address any design questions.				
07/21 - 04/23	S.P. No. H.013116, LA 20 Widen: LA 307 - S. Vacherie; LADOTD; St. James & Lafourche Parishes, LA - Project Engineer. Daniel assisted in plan and detail development, quantifying bridge & roadway elements, & reviewing structural drawings.				
03/23 - Ongoing	S.P. No. H.001344, US 190: LA 437 to US 190 Bus (Ph 1); LADOTD; St. Tammany Parish, LA - Project Engineer. Daniel provided design and construction-support assistance for US 190 Phase 1, including plan production, quantity checks, bridge plan revisions, and coordination of revised plan sheets during construction. His construction-support work included assistance with change orders, RFIs,				

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

continued	drainage summary updates, riser elevation adjustments, girder camber-related plan revisions, revetment updates, quantity revisions, and preparation of revised sheets for DOTD submittal.
07/21 – 12/22	S.P. No. H.012812, US 190 at Northshore and Camp Villere; LADOTD; St. Tammany Parish, LA - Project Engineer. Assisted by providing engineering support by producing engineering drawings and plan sets, reviewed engineering drawings, interpreted LADOTD standard plans, performed roadway calculations, design of drainage structures, and performed quantity calculations.
11/21 – 11/22	Tammany Trace Bridge Inspections; St. Tammany Parish, LA - Bridge Inspector. Daniel assisted in the project's bidding and contract development, conducted inspections of all bridges by performing a hands-on inspection of all bridge components & identifying all deficiencies, developed sketches of each bridge using Microstation, assisted in compiling reports.
11/23 - Ongoing	S.P. No. H.015576, LA 447 & LA 1025: Roundabout; LADOTD; Livingston Parish, LA - Project Engineer. Daniel supports roadway plan development, drainage and hydraulic design, quantity development, and suggested sequence of construction for this single-lane roundabout.
07/21 - Ongoing	S.P. No. H.014407, LA 621 at Roddy Rd; Ascension Parish Government; Ascension Parish, LA - Project Engineer. Assisting by producing engineering drawings and plan sets, LADOTD standard plans, performing roadway calculations, design of drainage structures, performing quantity calculations, and assisting in the design of the sequence of construction.
12/24 - 04/25	S.P. No. H.015721, LA 30: Roundabout @ St. Elizabeth / S. Penn; LADOTD; Ascension Parish, LA - Project Engineer. Daniel supported roadway plan production, drainage design, quantity development, and suggested sequence of construction for this multi-lane roundabout and roadway widening project.
05/25 - Ongoing	S.P. No. H.015587, LA 3211 @ Yokley Road Roundabout; LADOTD; St. Mary Parish, LA - Project Engineer. Daniel supports roadway plan production, drainage design, quantity development, and suggested sequence of construction for this concrete roundabout tying into existing four-lane divided roadway sections.
12/25 - Ongoing	S.P. No. H.010795, LA 42: Roundabout at Joe Sevario Road; LADOTD; Ascension Parish, LA - Project Engineer. Daniel supports roadway plan production, drainage design, quantity development, and suggested sequence of construction, including traffic-maintenance strategies with an allowable single-lane leg closure.

16. Staff Experience

Firm employed by:



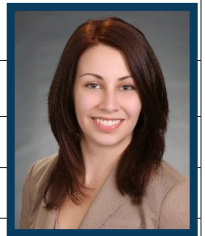
Name	Michael Lieu			Years of relevant experience with this employer	25
Title	Assistant Vice President, Environmental Planner			Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization				Bachelor of Science / 1999 / Applied Ecology	
Active registration number / state / expiration date				N/A	
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities: Environmental Pro. Michael will provide Highway Traffic Noise Analysis services and satisfies MPR #3.					
Michael Lieu is an environmental planner/ Geographic Information Systems (GIS) and noise analyst with 25 years of experience and has focused his studies on environmental quality and health, planning and public policy, and law and society. He has a broad array of knowledge regarding environmental impact analysis, and environmental and urban planning. Since joining the firm, he has prepared numerous noise analyses and technical studies using the Federal Highway Administration (FHWA) Traffic Noise Model (TNM 2.5/3.1), Caltrans SOUND32, and the FHWA Stamina Highway Traffic Noise Model. He has conducted field noise measurements to identify existing noise levels for use in validation of the noise models. He has also assisted with research, data collection, and written assessments on a number of National Environmental Policy Act (NEPA) and California Environmental Quality Act (CEQA) environmental documents. Mr. Lieu has provided project mapping, database information, field data validation, and corridor analysis using ESRI Arcmap 10.8.1 and ArcGIS Pro.					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
08/24 - 02/25	VIA Advanced Rapid Transit (ART) East/West Corridor Project, San Antonio, Texas: Noise lead responsible for selection of long-term field noise measurements at 24 sites along the project. Michael used the FTA's methodology to analyze the potential noise and vibrations impacts due to the operation of the project and possible mitigation strategies. The Federal Transit Administration (FTA) has initiated the National Environmental Policy Act (NEPA) compliance for VIA Metropolitan Transit's (VIA) East/West (E/W) Advanced Rapid Transit (ART) project. FTA has determined that the project, an approximately 7.3-mile bus rapid transit line, locally known as ART, in San Antonio, Texas is a federal undertaking subject to NEPA. The project comprises 29.5 percent dedicated transit lanes, 40.4 percent Business Access Transit (BAT) lanes and 30.1 percent mixed traffic operations and would include 18 new stations.				
05/15 - 06/16	FM 1463: From IH 10 to FM 1093, TXDOT, Fort Bend County, Texas: Noise lead and geographic information systems analyst responsible for TNM noise modeling and prepared the noise study report. Michael also provided GIS support for the project. The Texas Department of Transportation (TxDOT) has proposed widening of Farm-to-Market Road (FM) 1463 from IH 10 to FM 1093 (6.8 miles), in northern Fort Bend County. The proposed project would be a four- to six-lane divided facility with curb and gutter, raised median, and sidewalks on both sides of the roadway.				
06/18 - 06/20	183A Toll Road Phase III, Austin District and Central Texas Regional Mobility Authority and TXDOT, Texas: Noise lead responsible for TNM noise modeling and prepared the noise study report. The Central Texas Regional Mobility Authority (CTRMA) and Texas Department of Transportation (TxDOT) propose the extension of the 183A Toll main lanes from Hero Way to State Highway (SH) 29 in Williamson County, Texas. The proposed 183A Phase III project begins on existing 183A at Hero Way and extends northward onto existing US 183 to approximately 1.1 miles north of SH 29 within the existing and proposed right-of-way of 183A and US 183. The noise analysis was prepared using FHWA and Texas Department of Transportation guidelines.				

16. Staff Experience: Michael Lieu | WSP USA Inc. - continued

06/23 - 07/25	FM 707: From FM 89 (Buffalo Gap Road) to US 83, TXDOT, Abilene, Texas: Noise lead and geographic information systems analyst responsible for TNM noise modeling and prepared the noise study report. Michael also provided GIS support for the project. The Texas Department of Transportation (TxDOT) has proposed widening FM 707 roadway from 2 lanes to 4 lanes with a continuous center turn lane and outer turn lanes from FM 89 (Buffalo Gap Rd) to US 83. Widening of box concrete culverts and bridges will occur to accommodate for this. A major re-alignment of Hardwick Road intersection is anticipated as well as some slight re-alignments of other intersections. A shared use path will be on the north side of the roadway and addition of crosswalks to improve the pedestrian facilities.
08/25 - 03/26	SH 130 at SH 80 Truck Parking Facility, SH 130 Concession Company and TXDOT, Caldwell County, Texas: Noise lead responsible for TNM noise modeling and prepared the noise study report. SH 130 Concession Company has tasked WSP to analyze traffic noise from the proposed new truck parking facility and resulting increase in traffic along adjoining roadways. The study location is near the interchange of SH 80 at SH 130 located southwest of Lockhart, Caldwell County, Texas. The parking facility would be located at the southwest corner of the interchange. Access to the facility driveways will be available via Isidora Trail, a side street that connects to SH 80. The proposed facility is planned to provide 146 truck parking spaces including other amenities. The development of the new truck parking facility is anticipated to increase traffic on adjacent highways.
08/24 - current	US 281/SH 71 Interchange Reconstruction Project, TXDOT, Burnet County, Texas: Noise lead responsible for TNM noise modeling and prepared the noise study report. The Texas Department of Transportation (TxDOT) has proposed the reconstruction of the existing US Highway (US) 281 and State Highway (SH) 71 cloverleaf interchange into a two-level grade separated turbine configuration. US 281 and SH 71 would consist of a four-lane divided highway with a wide depressed median, auxiliary lanes and full shoulders. Additionally, there would be a two-lane frontage road with shoulders and shared use paths (SUP) for bicycles and pedestrians for each direction. The proposed project would extend approximately 7 miles along US 281 and SH 71. The limits along US 281 extend from approximately 1 mile south of FM 2147 to approximately 1 mile north of Country Road (CR) 403/Flat Rock Road. The limits along SH 71 would extend from approximately 1 mile east of Twisted Oak Drive to CR 401/Shovel Mountain Road. The proposed right-of-way (ROW) width would vary from approximately 406 to 408 feet along US 281 and approximately 444 feet along SH 71.
08/23 - current	US 281 Improvement Project, TXDOT, Blanco and Comal County, Texas: Noise lead responsible for TNM noise modeling and prepared the noise study report. The Texas Department of Transportation (TxDOT) would reconstruct the existing US Highway (US) 281 by expanding the existing roadway to a four-lane freeway to be constructed in phases. The proposed typical section includes two 12-foot main lanes with 4 to 10-foot shoulders in each direction, separated by a wide variable 62 to 262-foot median with an open ditch from approximately 0.2 miles of the project's southern termini is in Comal County, Texas. The project would also extend approximately 0.9 miles along US 290 from the US 281 and US 290 interchange to 0.2 miles east of County Road (CR) 215. The proposed project does not include improvements along US 281, from 12th Street to Blanco Avenue, within the City of Blanco.
04/14 - 08/15	Schematic Design and Environmental Services, Houston, Texas: Noise lead responsible for federal Traffic Noise Model modeling and prepared the noise study report for the project to widen Crabb River Road in central Fort Bend County to four lanes. WSP provided all aspects of preliminary and detailed design; environmental assessment documentation; and PS&E for the TxDOT. The project involved schematic design to widen an existing two-lane rural roadway to a four-lane urban curb and gutter section.
01/02 - 12/02	I-405 and I-605 Priority 2 Soundwall Projects, Los Angeles, California: Noise analyst responsible for noise modeling and preparation of the noise study report. Michael provided GIS analysis and support. WSP provided engineering and environmental analyses including the preparation of a project report and initial study and EA. The study looked at sound wall projects for the I-405 and the I-605 freeways. The proposed sound walls were required to mitigate the potential excessive noise levels generated as a result of HOV lanes.

16. Staff Experience

Firm employed by:



Name	Ruth Vandertie	Years of relevant experience with this employer	2
Title	Assistant Vice President, Acoustics and Vibration Engineering	Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization	Bachelor of Arts / 2009 / Audio Arts and Acoustics		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A

Contract role(s) / brief description of responsibilities: **Environmental Pro. Ruth will provide Highway Traffic Noise Analysis services and satisfies MPR #3.**

Ruth Vandertie recently joined WSP as an Acoustics and Vibration Engineer. She has comprehensive experience completing noise and vibration measurement and analysis for rail and highway transportation projects. Ruth has demonstrated success managing diverse projects and using FTA, FRA, FHWA and NEPA methodologies to complete noise and vibration impact assessments for Environmental Assessments, Environmental Impact Statements (EIS), and design studies. She has completed rail and highway noise studies in more than 25 states involving ambient measurements, noise modeling, and noise abatement design and analysis. Her measurement experience includes conducting ambient noise level measurements, building sound insulation testing, reference level measurements, vibration propagation testing and existing vibration-level monitoring. Ruth's noise and vibration analysis experience includes building models to calculate day-night sound levels, equivalent sound levels, and vibration velocity levels for noise and vibration sensitive receptors. Ruth's modeling experience includes using programs such as TNM, ArcMap, SoundPLAN, CadnaA, and Excel. Ruth also served as a member and Committee Research Coordinator (CRC) for the former TRB committee Transportation-Related Noise and Vibration (AEP80).

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
06/18 - 01/24	Pace Bus Arterial Rapid Transit Program Management and Oversight, Pulse 95th Street Line Project Definition: Noise and vibration analyst responsible for assessing the project's potential noise and vibration impacts and completing the Noise and Vibration Technical Report. Ruth has assisted in completing the Air Quality Technical Report. The project includes the planning for Pace's third Pulse line.
01/10 - 01/12	CREATE 75th Street Corridor Improvement Project EIS: Noise task assistant project manager responsible for completing the vibration analysis and writing portions of the technical report. The project will include the construction of two rail flyover structures, new and relocated track, four new rail bridges, replacement of three existing rail bridges, rehabilitation of existing rail bridges at 23 locations, as well as one highway-rail grade separation. Located in a densely populated, urban setting, the 75th Street CIP is the CREATE Program's largest, most complex project. In fact, the project is recognized as one of the most complex rail projects in the country. Key environmental analyses include train noise and vibration, air quality, Environmental Justice/Title VI, visual impacts, indirect and cumulative effects, and special waste. As part of the Record of Decision, an extensive and unique range of mitigation strategies was developed to address potential impacts to low-income and minority populations.
06/22 - 09/24	I-39/90/94 South: Lead noise analyst responsible for performing the measurements, modeling and reporting for the noise analysis of the south section in this corridor study. Work in the study includes 30% structure design, noise analysis and air quality analysis.
06/18 - 01/23	I-43 Corridor Environmental Report, Capitol Drive to Hampton Road: Lead noise analyst responsible for performing the measurements, modeling and reporting for the noise analysis, including noise factor sheets. A qualitative air quality analysis and factor sheets were

16. Staff Experience: Ruth Vandertie | WSP USA Inc. - continued

continued	also completed. The project proposes to rehabilitate I-43 and its service interchanges between Capitol Drive and Hampton Avenue in Milwaukee County.
01/23 - 09/24	New Hampshire Department of Transportation, All-Electronic Tolling (AET) Conversion at the Spaulding Turnpike (NH 16) Toll Plazas: Traffic noise modeler responsible for assessing the previous noise study report and providing supplemental noise analysis and noise abatement analysis and final design for two proposed noise walls, including a technical memorandum.
01/22 - 03/23	I-43 Silver Spring to STH 60 Reconstruction: Traffic noise modeler and reviewer responsible for assessing the previous noise study report and providing supplemental noise documentation for the reevaluation. Ruth was also responsible for the final design effort for five proposed noise walls. The project includes 14 miles of I-43 freeway reconstruction and capacity expansion from Silver Spring Drive to STH 60, including seven full-service interchanges, and one potential new service interchange at Highland Road.
06/18 - 06/19	I-94 from West of East Britain Avenue to East of the I-196 Interchange: Traffic noise modeler and reviewer responsible for performing the measurements, modeling and reporting for the noise analysis. The 2.9-mile project on I-94 from west of East Britain Avenue to east of the I-196 interchange in Benton Township involves roadway reconstruction and widening, bridge construction and interchange construction. The work also includes interchange alternatives analysis, traffic modeling, noise analysis, public involvement, survey and geotechnical investigation.
06/19 - 06/24	SR 90/Southwest 8th/Southwest 7th Street PD&E Study: Traffic noise modeler responsible for performing the measurements, modeling and reporting for the noise analysis.
06/18 - 12/18	Southeast Region Design Master W0#9, North-South Freeway, South Milwaukee Mainline, I-94: Traffic noise modeler and reviewer responsible for assessing the previous noise study report and providing supplemental noise analysis and noise abatement analysis/design for one proposed noise wall.
06/18 - 06/22	I-375 Reconstruction Owner's Representative Services: Traffic noise modeler and reviewer responsible for performing modeling and reporting for the noise analysis. Ruth was also responsible for the qualitative air quality analysis and reporting. The project will evaluate six alternatives, including reconstructing I 375 from an urban freeway to an urban boulevard to promote and support walkability, increase transit access, and improve non-motorized connections and urban-friendly linkages between businesses, cultural and entertainment destinations and neighborhoods.
06/18 - 06/19	I-405, SR 522 Vicinity to SR 527 Express Toll Lanes Improvements: Traffic noise modeler responsible for performing the modeling and reporting for the noise analysis for proposed improvements on I-405 as part of the NEPA/SEPA EIS.
06/18 - 12/18	Columbus Avenue Grade Separation Phase I Study: Traffic noise modeler who assessed potential noise impacts from the elimination of the at-grade crossing of Columbus Avenue and three BRC tracks. The study investigated creating an overpass or underpass for the roadway. Also included was the evaluation of the existing five-leg intersection of 74th/Columbus/Western.
10/16 - 05/18	Carolina Crossroads I-20/26/126 Corridor Draft EIS: Traffic noise modeler responsible for modeling and assessing impacts from several alternative designs for improvements to I 20, I-26, I-126 and the interchange network between the project roadways. Ruth also wrote portions of the Noise Technical Report and the DEIS.
10/16 - 10/17	NC-211 Widening (Holly Grove School Road to NC-73): Traffic noise modeler responsible for completing the Traffic Noise Report to assess potential impacts from widening NC-211 from a two-lane roadway with center median left-turns to a four-lane roadway. Ruth completed noise modeling using TNM v2.5 and the noise impact assessment utilizing Federal Noise Abatement Criteria (NAC). Ruth completed the noise barrier abatement analysis to determine feasible and reasonable barriers for the project using procedures required by FHWA 23 CFR 722, "Procedures for Abatement of Highway Traffic Noise and Construction Noise."

16. Staff Experience

Firm employed by:



Name	Edward Tadross, ENV SP, PMP	Years of relevant experience with this employer	28
Title	Environmental Planner, Vice President, Technical Principal	Years of relevant experience with other employer(s)	28
Degree(s) / Years / Specialization	Bachelor of Arts / 1998 / Environmental Studies and Earth Sciences		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A

Contract role(s) / brief description of responsibilities: **Environmental Pro. Edward will provide Mobile Air Source Analysis and Dispersion Models services and satisfies MPR #4.**

Edward Tadross is a vice president and environmental planner with the firm. He specializes in air quality, greenhouse gas, sustainability, energy, construction and noise analyses. Edward has extensive experience managing projects, and has prepared a wide range of environmental documents, including Environmental Assessments, Environmental Impact Statements and Technical Memos.

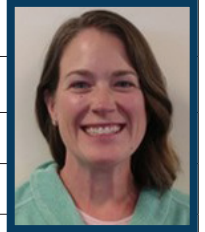
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
2010 - present	On-Call Services for Air Quality, Energy, and Greenhouse Gas Analysis, New York State Department of Transportation (NYSDOT), Albany, New York: Deputy project manager of on-call air quality and related services contract with NYSDOT. The firm has held this contract for 14 years (since 2010) and recently won the contract again, with an extension to 2026. As part of this contract we have conducted several air quality, energy and greenhouse gas analyses including conformity analyses, hot spot analyses and updated NYSDOTs CMAQtraq model three times, with MOVES2010b, MOVES2014b and MOVES5 emission rates.
2023 - present	NYS Route 17 Mobility and Access Improvements Project, NYSDOT, New York: Oversaw air quality, GHG & energy analyses for an approximately 30-mile segment of Route 17 in Orange and Sullivan Counties. The Project includes one No Build and two Build Alternatives. Analyses were conducted to assess the potential effects of the Build Alternatives on a mesoscale (regional) and microscale (local) air quality levels, as applicable. Detailed PM analyses were conducted using EPA's MOVES and AERMOD models, along with construction analyses using FHWA's ICE tool.
2023 - 2025	Micron Microchip Factory, Micron, Clay, NY: Oversaw air quality & GHG analyses of construction and mobile source impacts associated with the Micron 4-fab chip plant near Syracuse, New York. Includes regional analyses for multiple analysis years for the staged project, construction air quality and GHG analyses, as well as microscale particulate matter (PM) analyses of several intersections in the project area.
2020 - 2024	Port Authority Bus Terminal Replacement, PANYNJ, New York: Conducted studies to evaluate potential air quality impacts to the Hell's Kitchen neighborhood with regards to replacing the current PABT bus terminal. Both operational and construction impacts are being evaluated. Screening analyses were conducted for dozens of intersections throughout Manhattan, and microscale air quality studies for CO and PM were conducted using EPA's MOVES emissions program and the AERMOD dispersion model. Detailed construction analyses were conducted based on schedule and equipment, using nonroad emission factors from EPA's MOVES program. Combined impacts of operations and construction for the multi-staged project were evaluated and compared to the applicable NYC standards and NAAQS.

16. Staff Experience: Edward Tadross, ENV SP, PMP | WSP USA Inc. - continued

2020 - 2025	Central Business District Tolling Program (CBDTP), MTA Bridges & Tunnels, New York City: Co-lead air quality & GHG analyst for project to implement congestion pricing in Manhattan south of 61st street. Oversaw regional and conformity analyses for the project. Conducted screening analysis of 100 intersections in the area to determine potential localized carbon monoxide and particulate matter impacts.
2018 - 2019	New York State Thruway Cashless Toll Program, NYS Thruway Authority, New York: Project manager for analysis conducted to estimate the air quality benefits, in terms of reduced criteria pollutants, from implementing the cashless toll system throughout the State. The analysis captured the program's beneficial impacts resulting from reduced idling and speed changes associated with Cashless Toll plazas. Client: NYS Thruway Authority.
2017 - 2020	Van Wyck Expressway, NYSDOT Queens, New York: Manager that oversaw the traffic air quality, GHG and energy analyses for the widening of the Van Wyck Expressway between the Kew Gardens Interchange and JFK Airport. Regional and microscale analyses were performed.
2017	Scajaquada Expressway, NYSDOT, Buffalo, New York: Technical lead that managed the air quality analysis for the redevelopment of the Scajaquada Expressway in Buffalo. This included analyzing current, past and future conditions, under various speed limit restrictions, as well as redevelopment of the expressway into a landscaped boulevard. A microscale particulate matter (PM) analysis was conducted (both PM10 and PM2.5), as well as a CO screening analysis, regional criteria pollutant and mobile source air toxic analysis (MSAT) on an extremely tight deadline.
2023 - 2025	NYC Department of City Planning Rezoning, NYCDP, New York: Oversaw air quality analyses of several rezoning projects in New York City, including the City of Yes, Atlantic Avenue Mixed Use Plan (AAMUP), and the Midtown South Mixed-Use Plan (MSMX). Included stationary source analyses, using EPA's AERMOD model, of industrial sources, major air sources, and natural-gas powered HVAC systems. Construction analyses also performed using EPA's MOVES emission factors.
2019 - 2020	Ramona Gardens Natural Park, Community Conservation Solutions, Los Angeles, California: Oversaw air quality analysis and research for providing air pollution reduction measures for this park and the adjacent community in Ramona Gardens/Northern Boyle Heights. Analysis included compiling existing air pollution and health impact data from various sources (CalEnviroScreen, MATESIV, CARB, EPA, etc.) to describe existing conditions, the heat island effect, as well as near-road pollution from I-10. Potential solutions to improve air quality at the park and surrounding communities included the use of barriers, natural vegetation, and smog-reducing technology. A report as well as community materials were developed.

16. Staff Experience

Firm employed by:



Name	Rebecca Frohning	Years of relevant experience with this employer	9
Title	Vice President, Environmental Scientist	Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization	Bachelor of Science / 2000 / Earth and Atmospheric Sciences		
Active registration number / state / expiration date	N/A		
Year registered	N/A	Discipline	N/A

Contract role(s) / brief description of responsibilities: **Environmental Pro. Rebecca will provide Mobile Air Source Analysis and Dispersion Models services and satisfies MPR #4.**

Rebecca Frohning an air quality and greenhouse gas specialist with a history of working with clients and regulatory agencies throughout the United States to evaluate impacts for transportation projects, industrial sources, and Superfund activities. She has used a variety of models and methods to estimate emissions from all vehicle types, including automobiles, heavy-duty freight vehicles, transit vehicles, locomotives, and construction equipment. Rebecca is able to use models such as GREET, AFLEET, MOVES, EMFAC, NONROAD, AP-42, and other industry-specific methods to develop project-specific emission estimates and scenarios. She has significant experience with air quality modeling analyses to support NEPA and federal conformity requirements for transportation projects.

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
08/19 - 05/26	Central Business District Tolling Alternative, MTA Bridges & Tunnels, New York: Led air quality modeling efforts to support the air quality technical report, project-level conformity, and a regional conformity demonstration. The project required over 300 MOVES model runs and interagency consultation to confirm modeling methodologies.
04/19 - 11/25	Metro Transit Expansion, Niagara Frontier Transportation Authority, New York: Prepared air quality and energy sections of DEIS to evaluate impacts of light rail expansion. Modeling analysis included carbon monoxide intersection modeling, and a regional emission analysis of criteria pollutant emissions and energy usage.
12/17 - 06/19	Van Wyck Expressway, NYSDOT, Queens, New York: Performed PM10 hot-spot modeling using MOVES and AEMOD to evaluate the air quality impacts for the widening of the Van Wyck Expressway between the Kew Gardens Interchange and JFK Airport.
08/18 - 01/23	Port Authority Bus Terminal Replacement, PANYNJ, New York: Contributed to the evaluation of potential air quality impacts to the Hell's Kitchen neighborhood with regards to replacing the current PABT bus terminal by using EPA's MOVES emissions program and the AERMOD dispersion model to develop microscale analyses.
12/20 - 03.26	Interstate Bridge Replacement Project, Oregon Department of Transportation, Oregon and Washington: Lead author of Air Quality Technical Report and Energy Technical Report for Supplemental Environmental Impact Study. Project spans 2 states and requires multi-agency communication to address many community concerns and interests. Participated in many working group meetings with stakeholders to provide detailed information about the project's potential impacts to local condition. Coordinated closely with federal partners to implement changing NEPA requirements.

16. Staff Experience: Rebecca Frohning | WSP USA Inc. - continued

08/21 - 05/23	Loop 101, Princess Drive to Shea Boulevard Improvements, Arizona Department of Transportation, Phoenix, Arizona: Prepared Air Quality Technical Report, including CO hot spot and PM hot spot modeling analyses. Project required extensive coordination with EPA and FHWA to define modeling methodology and assumptions.
01/21 - 10/23	Airport Connector Phase 3, Clark County, Las Vegas, Nevada: Prepared the Air Quality Technical Report to demonstrate project-level conformity requirements were met for an auxiliary lane extension. Dispersion modeling was performed using CAL3HC with MOVES emission factors to estimate the maximum concentration of carbon monoxide at nearby receptor locations.
02/23 - 04/25	Metro K Line Northern Extension, LA Metro, Los Angeles, California: Contributed to Air Quality and GHG Emissions technical reports in support of the EIR. Detailed construction emissions for three rail alignment alternatives were developed based on project-specific construction plans and schedules. CalEEMod was used to estimate emissions from operations of a maintenance and storage facility and transit stations. EMFAC was used to estimate the emissions impacts from changes in vehicle traffic projected to occur as a result of additional transit options.
07/19 - 04/20	Pierce Transit BRT, Pierce County, Pierce Transit, Washington: Prepared the Air Quality Technical report and demonstrated consistency with the transportation conformity rule. WSP coordinated the interagency consultation process to document concurrence from multiple agencies that no quantitative analyses were required for the project.
09/20 - 09/25	I-285/I-20 West Interchange, Georgia Department of Transportation: Prepared Air Quality Technical Report for interchange reconstruction. The project evaluation included a quantitative Mobile Source Air Toxics analysis using MOVES2014b with a combination of data from the Atlanta Regional Commission and project-specific traffic data.
06/19 - 06/20	Energy and Emissions Evaluation, Central Texas Regional Mobility Authority, Texas: Energy consumption and emissions modeling analysis for a 21-county region in Central Texas, encompassing the Austin and San Antonio metropolitan areas. MOVES2014b was used to create a database of emission rates that was applied to link-level travel demand model output to determine the regional energy and emissions estimates for nineteen unique scenarios. Results were presented graphically for presentations to board members.
11/19 - 06/20	CMAQ Guidebook for Air Quality Benefits Reporting, Colorado Department of Transportation, Colorado: Review of project selection process and annual CMAQ reporting for MPOs that receive a portion of the state's CMAQ funds, review of best practices throughout the US, and recommendations for guidebook updates to promote consistency and accuracy of emission reduction estimates.

16. Staff Experience

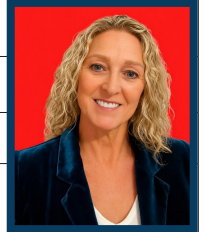
Firm employed by:



Name	Darren Schubert, RPA			Years of relevant experience with this employer	14
Title	Senior Technical Manager, Archaeology			Years of relevant experience with other employer(s)	14
Degree(s) / Years / Specialization				Master of Arts / 2008 / Anthropology, Archaeology Bachelor of Arts / 1998 / Anthropology, Archaeology	
Active registration number / state / expiration date				Registered Professional Archaeologist # 989284 / National / N/A	
Year registered	2011	Discipline	Archaeology		
Contract role(s) / brief description of responsibilities: Environmental Pro. Darren will provide Cultural and Archaeological services and satisfies MPR #8.					
Mr. Schubert is an archaeologist with diverse experience in cultural resources management. He has worked for private sector companies, Texas state agencies, and academic institutions, providing him with extensive fieldwork, laboratory, and report preparation experience as well as a broad view of state and federal regulations. Mr. Schubert's experience includes hundreds of archeological projects, including archaeological surveys, archaeological monitoring, National Register of Historic Places (NRHP) eligibility test excavations, and full archaeological excavations, laboratory analysis of archaeological assemblages, report writing, and teaching at the university level.					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
10/22 - 07/25	Williams, LEG Pipeline Project, Louisiana and Texas: Cultural Resources Manager, Principal Investigator, and report coauthor for construction of large-scale pipeline project in support of USACE Section 404 permitting in Galveston, New Orleans, and Fort Worth Districts.				
06/22 - 04/23	Southwestern Electric Power Company, IPC Mansfield to Wallace Transmission Line Rebuild Project, Louisiana: Cultural Resources Manager, Principal Investigator, and report coauthor for survey of approximately 6.9 miles (11.1 kilometers) of transmission line in support of USACE Section 408 and 404 permitting, and ARPA permitting.				
08/25 - 07/26	Phase I Cultural Resources Survey of the Waterford 5 and Waterford 6 Projects, St. Charles Parish, Louisiana: Cultural Resources Manager and report coauthor for survey of new generation facilities and association transmission lines to support USACE Section 404 permitting, and Louisiana Coastal Use Permits				
01/26 - 06/26	Phase I Cultural Resources Survey of the Blanchard to Lieberman 69-kV Project, Caddo Parish, Louisiana: Cultural Resources Manager and report coauthor for survey of transmission line rebuild project to satisfy USACE Section 404 permitting.				
05/18 - 12/18	Southwestern Electric Power Company, Ellerbe to Lucas Transmission Line Rebuild Project, Louisiana: Cultural Resources Manager, Principal Investigator, and report coauthor for survey of proposed transmission line rebuild.				
05/14 - 05/15	Tennessee Gas Pipeline, Southwest Louisiana Pipeline Project, Louisiana: Principal Investigator, Report Author, and FERC Task Lead responsible for directing cultural resource surveys and overseeing preparation of FERC Resource Report 4. The Project involves the construction of 3.8 miles of new pipeline, along with the construction of five new meter stations, one new compressor station, and modifications to one existing compressor station subject to environmental review under NEPA. Developed cemetery avoidance plan after a cemetery was recorded within the right-of-way.				

16. Staff Experience

Firm employed by:



Name	Natalie Graves, RPA			Years of relevant experience with this employer	1
Title	Archaeologist			Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization			Master of Arts / 2006 / Anthropology, Archaeology Bachelor of Arts / 1999 / Native American Studies		
Active registration number / state / expiration date			Registered Professional Archaeologist #16255 / National / N/A		
Year registered	2011	Discipline	Archaeology		
Contract role(s) / brief description of responsibilities: Environmental Pro. Natalie will provide Cultural and Archaeological services and satisfies MPR #8 and #9.					
Natalie Graves, RPA, has more than 20 years of experience in project management, cultural resources management, and environmental permitting and planning. She has extensive experience in National Environmental Policy Act processes. Natalie is a Secretary of Interior qualified archaeologist, historian, and architectural historian, knowledgeable of state and regional antiquities codes, familiar with the National Historic Preservation Act, and well versed in the requirements of federal regulatory agencies to implement project permitting. Prior to joining WSP, Natalie was the principal owner of GRAVitate, LLC, a cultural resource management company in Fort Worth, Texas, conducting investigations for projects across the United States.					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
11/25 -07/26	Phase I Cultural Resources Survey of the Waterford 5 and Waterford 6 Projects, St. Charles Parish, Louisiana: Architectural historian and report author responsible for pre-field map review coordinating fieldwork, and assessment of effects on above-ground resources.				
12/25 - 04/26	Phase I Cultural Resources Survey of the Blanchard to Lieberman 69-kV Project, Caddo Parish, Louisiana: Principal Investigator responsible for coordinating intensive cultural inventory which included pre-field coordination, records check, survey, report preparation, management recommendations, follow-up, and quality assurance, and assessment of effects on above-ground resources.				
02/19 - 04/19	Phase I Cultural Resources Survey of the Calcasieu Parish Electrical Distribution Project, Calcasieu Parish, Louisiana: Principal Investigator responsible for coordinating cultural resource inventories which included pre-field coordination, records check, survey, report preparation (Principal Author), management recommendations, follow-up, and quality assurance and assessment of effects on above-ground resources.				
07/25-12/25	Phase I Cultural Resources Survey of the Jefferson Power Station Project, Jefferson County, Arkansas: Principal Investigator responsible for coordinating intensive cultural inventory which included pre-field coordination, records check, survey, report preparation, management recommendations, follow-up, and quality assurance, and assessment of effects on above-ground resources.				
06/25 - 05/26	Intensive Cultural Resources Survey of the Catoosa to Verdigris Transmission Line Rebuild on United States Army Corps of Engineers Land in Rogers County, Oklahoma: Principal Investigator responsible for coordinating cultural resource inventories which included pre-field coordination, records check, survey, report preparation (Principal Author), management recommendations, follow-up, and quality assurance.				

16. Staff Experience: Natalie Graves, RPA | WSP USA Inc. – continued

01/17 – 12/18	ODOT On-demand Firm by the Oklahoma Transportation Department, Oklahoma: The Principal Investigator as an On-demand firm by the Oklahoma Transportation Department for their EC1901 – On-Demand Environmental Services for Local Government Projects contract (w/CP&Y Inc.). Coordinating and completing intensive cultural resource inventories across the state of Oklahoma.
10/15 – 05/25	Multiple Cellular Communication Tower Projects in Alabama, Arkansas, Colorado, Iowa, Kansas, Louisiana, Mississippi, Missouri, Montana, Nebraska, Oklahoma, Texas and Wyoming: Principal Investigator responsible for coordinating and completing intensive cultural resource inventories and subsequent reporting. Tasks included pre-field coordination; records check; survey; report preparation (Principal Author); assessments of historic properties to determine direct and indirect effects from Communication Towers; management recommendations; follow-up; and quality assurance.
03/23 – 05/23	Mesquite Creek Landfill Facility Expansion Project, Texas: Principal Investigator responsible for coordinating and completing an intensive cultural inventory and report for 192 acres in Comal and Guadalupe Counties. Tasks included pre-field coordination, records check, survey, report preparation (Principal Author), management recommendations, follow-up, and quality assurance
02/22 – 06/22	Lacy Lakeview Recycling & Disposal Facility Expansion, Texas: Principal Investigator responsible for coordinating and overseeing intensive cultural inventory of 67 acres in McLennan County. Tasks included pre-field coordination, records check, survey, report preparation (Principal Author), management recommendations, follow-up, and quality assurance. Cultural resources encountered: historic homestead.
10/15 – 07/17	NASA Johnson Space Center 50 Year Historic Evaluations, Texas: Principal Investigator responsible for coordinating and overseeing a historic and architecture resource survey of 455 facilities at the National Aeronautics and Space Administration's Johnson Space Center in Harris County. Tasks include recording all structures, buildings, and facilities, and evaluating their significance in terms of the criteria of eligibility for listing in the National Register of Historic Places.
05/22 – 07/22	NASA Johnson Space Center Ellington Field Historic Evaluations: Principal Investigator responsible for coordinating and overseeing a historic and architecture resource survey of three historic hangars at National Aeronautics and Space Administration's Ellington Field in Harris County. Tasks include recording and evaluating their significance in terms of the criteria of eligibility for listing in the National Register of Historic Places.

16. Staff Experience

Firm employed by:



Name	Sheelagh Brin Ferlito, PE, PTOE		Years of relevant experience with this employer	11
Title	Supervisor-Eng		Years of relevant experience with other employer(s)	27
Degree(s) / Years / Specialization			Bachelor of Science / 1988 / Civil Engineering	
Active registration number / state / expiration date			PE.25383 / Louisiana / 09.30.2027	
Year registered	1993	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities: Supervisor - Eng. Brin will provide Traffic Control Design / Temporary Traffic Signal Analysis and Design QC and satisfies MPR #12 and #13.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
07/21 - current	H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, LA) Brin is the task leader for Vectura for the Construction Engineering and Inspection of 24 traffic signals. Brin oversaw the review of signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Brin and Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.			
07/19 - current	MOVEBR New Capacity Projects Program Management (Baton Rouge, LA) Brin is the lead traffic engineer for the entire New Capacity Projects program management team. All traffic engineering scope of services, traffic / speed data collection, traffic design studies, safety studies, and traffic signal design plans are reviewed by Brin. She is in constant communication with the Traffic Engineering staff of DOTD and EBR Traffic Engineering Department. She understands the current requirements for all aspects of traffic engineering projects.			
07/19 - current	H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement PPP (Belle Chasse, LA) Brin is the project manager for the temporary and permanent traffic signal plans for the intersections of LA 23 at Burmaster St and at Engineers Rd. She based her traffic signal plans on design year volumes that were developed using growth rates from the New Orleans Regional Planning Commission Travel Demand Model. This project is the first ever Public-Private-Partnership performed by Louisiana DOTD.			
04/18 - 06/21	H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish) Brin reviewed 60 Percent Preliminary Signing and Striping Plans and developed documented comments based on LADOTD Road Design Manual, LADOTD Standard Details and MUTCD. She is also the project manager for the design of temporary traffic signal plans that will be implemented during the roundabout construction at the intersection of US 171 at Boone Street in Leesville, LA. She coordinated access management issues using aerials, aged traffic volumes and Synchro Software.			
09/20 - 12/21	H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish, LA) Brin is the project manager for the design of temporary traffic signal plans that will be implemented during the roundabout construction along LA 30 in Gonzales, LA. The project involves replacing three existing signalized intersections with multilane roundabouts along LA 30 at I-10 Interchange ramps and at the Tanger Boulevard. Vectura also developed signal timing plans for each phase of the construction to maintain progression along LA 30.			

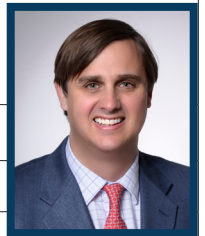


16. Staff Experience: Sheelagh Brin Ferlito, PE, PTOE | Vectura Consulting Services, LLC - continued

02/20 – 06/25	H.010616 – I-20: LA 544 Overpass Replacement (Ruston, LA) Brin was the project manager for a Level 2 Transportation Management Plan (TMP) for a new four-lane bridge over I-20 and three, two-lane roundabouts along LA 544. Brin also developed temporary traffic signal plans with multiple setup configurations for the construction of the roundabouts.
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, spot speed study, analyzed 3-year intersection crash data and developed signal timing for pedestrians to cross the street. From the design study, a set of Traffic Signal Modification Plans were developed to implement the recommended alternative.
02/17-10/17	Stage 0 Judge Tanner Boulevard at N. Causeway Roundabout Study (St. Tammany Parish, LA) Brin developed the safety analyses for a Stage 0 Study for 4 intersections in the Mandeville area. The study was based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual Section 20.2. Brin assisted collecting 7-day, 24-hour counts w/ Classification, turning movement counts for peak periods and speed data for mainlines. She developed signal timing in the PTV Vistro software. The signal timings were then used in Sidra to complete the HCM analyses. Brin provided a quality control review of the traffic report.
06/16-09/17	H.004490 Stage 0 Roundabout Studies (Lafayette Parish, LA) Brin developed sections of a Stage 0 Feasibility Study for roundabouts that conformed to DOTD EDSMs and Traffic Engineering Manual Section 20.2 at ten intersections in the Lafayette area. Brin, along with Laurence, collected 7-day, 24-hour counts w/ classification, turning movement counts for AM and PM peak periods and speed data for mainlines. Brin provided a QC review of the Sidra analyses and developed traffic signal timing for 3 intersections for Years 2019 and 2039, AM & PM peak hours and developed a crash analyses as defined in Section 20.2 of TEM. CMF factors were identified for the preferred alternative to predict the number of crashes that could be eliminated. Brin provided a QC review of the final draft.
04/14 – 12/14	H.002301 Signal Design for N. Sherwood Forest Dr. Widening Project (Baton Rouge, LA) As the project engineer, Brin was in responsible charge for data collection and design for three signalized intersections as part of a road widening project as per EBR DPW and DOTD requirements. Ms. Ferlito developed the traffic signal equipment, signal timing and communication construction plans, special provision specifications, quantities, and cost estimate. She also performed tasks to develop the striping plans and sequence of construction plans which included temporary signal equipment placement due to lane shifts during construction.
07/12-03/14	EBR 03-TS-CI-0026 CE&I for EBR Traffic Signal Systems Jefferson Highway Construction (Baton Rouge, LA) Brin was the Project Resident Engineer on behalf of EBR for performing CE&I services for the construction of 11 traffic signals. She maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into interstate I-12 fiber backbone and ATM / EOC building. She processed all monthly tasks in EBR formats as well as all items on the EBR project closeout checklist.

16. Staff Experience

Firm employed by:



Name	Laurence Lucius Lambert, II, PE, PTOE, PTP			Years of relevant experience with this employer	11
Title	Supervisor-Eng			Years of relevant experience with other employer(s)	18
Degree(s) / Years / Specialization				Bachelor of Science / 1997 / Civil Engineering (Transportation focus) MBA / 2010	
Active registration number / state / expiration date				PE.29901 / Louisiana / 03.31.2028	
Year registered		2001	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities: Supervisor - Eng. Laurence will provide TMP and AJR Study QC and satisfies MPR #12 and #13.					
Experience dates (mm/yy-mm/yy)		Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
12/23 - 08/24		H.972501.1 South Range Road Operations Study Stage 0 Feasibility Study (Tangipahoa Parish, LA) Laurence was the Principal in Charge for a Stage 0 for the Regional Planning Commission (RPC) to evaluate operating conditions of the S. Range Road corridor that included the intersection with Old Covington Highway. The corridor study included traffic data collection, pedestrian / bicycle counts, safety analysis, existing conditions analysis and alternative analysis. The results were summarized in a Stage 0 report.			
01/23 - 02/24		H.011504 Alexandria ITS Phase 2 Laurence was the project manager for a System Engineering Analysis Report, Engineering Opinion of Probably Construction Cost and Level 2 Transportation Management Plan.			
07/23 - 11/23		H.015504.5 CCC Decorative Lighting Level 4 TMP (New Orleans, LA) Laurence was the project manager for a Level 4 Traffic Management Plan (TMP) for the Crescent City Connection (CCC). Laurence oversaw the lane closure analysis based on queuing. A safety analysis of the construction zone was also performed to identify any "hot spots". The results were summarized in a report that was reviewed by DOTD.			
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.			
07/22 - 09/22		H.013716.5 - US 167: Camellia Blvd - Churchill Dr (Lafayette, LA) Pedestrian Count Study Laurence developed a technical memorandum as part of a DOTD Safety IDIQ contract to document if an approach at a signalized intersection met the warrants listed in the Traffic Engineering Manual Sections 3B.2.4 and 3B.2.8 for a pedestrian marked crosswalk.			
03/21 - 03/22		H.014513.1 Lafayette Regional ITS Architecture Update Laurence completed an ITS System Inventory, identified all existing and future agreements between stakeholder organizations participating in the ITS operations in the Lafayette region, and updated the strategy for maintaining the regional ITS architecture.			
10/21-03/22		H.013256.5 I-10 ITS Scott to Lake Charles (Lead Traffic Engineer) 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.			



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

07/19 – current	MOVEBR New Capacity Projects Program Management (Baton Rouge, LA) At the beginning of the program, Laurence worked with the Capital Region Planning Commission to produce measures of effectiveness from the travel demand model to prioritize the MOVEBR project list. Laurence and Pong Wu developed a list of vehicle miles traveled, V/C ratios and vehicles hours of delay. Laurence also developed specifications of Rectangular Rapid Flashing Beacons (RRFB) for the City of Baton Rouge.
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, 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 Manual on Uniform Traffic Control Devices (MUTCD) details on roundabouts.
09/17-04/18	US 11 at US 190 Bus. (Fremaux Ave.) Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Equipment Design Slidell, LA Laurence assisted Brin in the development of a formal traffic study for a proposed crosswalk with pedestrian traffic signal equipment and pedestrian clearance timings based on DOTD requirements. Brin assisted with vehicle and pedestrian data collection, spot speed study, analyzed 3-year intersection crash data and developed signal timing for pedestrians to cross the street. From the design study, a set of Traffic Signal Modification Plans were developed to implement the recommended alternative.
10/17 – 10/18	H.013025 LA 182 (University Avenue) Corridor Planning Study (Lafayette, LA) Laurence was the lead transportation engineer for a Corridor Planning Study for LA 182. The scope focused on improving safety and mobility for pedestrian, bicycle, and transit users. Laurence collected AM & PM peak vehicle turning movement counts as well as pedestrian and bicycle counts. Laurence coordinated with the Acadiana Planning Commission to develop growth rates and design year volumes. Laurence then performed Highway Capacity Manual analysis for 5 intersections along the intersection analyses for the signalized and roundabout controlled alternatives. Included in the study was a safety analyses of five intersections and the intermediate segments. Based on the results of the safety analysis, Laurence provided design criteria to the design team for improving safety of pedestrians, bicycles, and vehicles.
09/18 – 02/19	H.013261.1 I-110 ITS Deployment Systems Engineering Analysis (Project Manager) As a sub-consultant, Laurence was the task leader for the Constraints & Alternatives Analysis as well as the Projects & Procurement Strategy portion of the project. The goal of the project was to deploy Close Circuit Television (CCTV) cameras and one Dynamic Message Sign (DMS) along the I-110 corridor from US 190 to US 61. To communicate with the field devices from the Traffic Management Centers (TMCs), installing fiber optics along the I-110 corridor was recommended. The fiber optics also allow communication to the traffic signals at the interchange ramps along I-110 to the TMC.
03/18 – 06/18	Shreveport Immediate ITS Phase 2b (Lead Traffic Engineer) Laurence was the task leader for Procurement and Alternative Analysis Configuration portions of the Systems Engineering Analysis (SEA) that complied with Code of Federal Regulations (CFR), Title 23, 940.11). The Alternatives Analysis Configuration consisted of analyzing three possible project configurations. The pros and cons of the needed equipment and communication options were documented. This task consisted of a field visit with DOTD staff to verify fiber optic lines, junction boxes and traffic signal controller types. The Procurement task consisted of investigating the methods of procurement for the deployment project where the procurement options for the pros and cons for each method were documented.

16. Staff Experience

Firm employed by:



Name	Kristen Gahagan Farrington, PE, PTOE, RSP1			Years of relevant experience with this employer	5
Title	Engineer			Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization				Bachelor of Science / 2013 / Civil Engineering	
Active registration number / state / expiration date				PE.42785 / Louisiana / 03.31.2027	
Year registered	2018	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities: Engineer. Kristen will serve as Project Engineer for Traffic Study and satisfies MPR #12 and #13.					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
07/25 – current	H.015200.5 East St & Parkview Dr Sidewalks Kristen was the lead engineer to develop a comprehensive Pedestrian Study to improve safety and accessibility along key corridors adjacent to three (3) schools and two (2) churches. Kristen coordinated with the local schools, churches, and other pedestrian trip generators to identify peak activity periods and desire lines. Extensive data collection was performed, including vehicular volumes, pedestrian counts with origin-destination observations, spot speed studies, gap analysis, and field assessments of existing conditions. Crash history and relevant pedestrian plans were reviewed to inform an alternatives analysis evaluating current and potential crosswalk locations. Based on these findings, Kristen developed a Crosswalk Justification Report detailing methodology, data, and recommendations. The scope also included design services for signing and pavement markings for mid-block crosswalks, enhancements, warning devices, and school zone flashers.				
09/24 – 05/25	H.013722.5 Morgan City Sidewalks – Downtown & Myrtle Street (Morgan City, LA) Kristen developed plans for pedestrian signal installation at the intersection of LA 182 and Myrtle Street. Kristen verified the pedestrian clearance timing by examining the traffic signal inventory data and analyzing pedestrian clearance timing.				
12/23 – 12/24	H.972501.1 South Range Road Stage 0 (Tangipahoa Parish, LA) Kristen was the project manager for a Stage 0 project to improve operations on South Range Road. The project included data collection, existing conditions analysis, safety analysis, and alternatives development.				
05/23 – 05/24	US 190B/Fremaux Ave Sidewalk Feasibility Study (Slidell, LA) Kristen was the lead engineer for a sidewalk feasibility study that included data collection, safety analysis, alternative analysis, and final report.				
05/23 – 07/23	H.013722MorganCitySidewalks&SharedUsePath(MorganCity,LA) KristenwastheleadengineeraspartofaDOTDSafetyIDIQcontractto documentifanapproachatasignalizedintersectionmetthewarrantslistedintheTrafficEngineeringManualSections3B.2.4and3B.2.8fora pedestrianmarkedcrosswalk. Thestudyalsoincludedanevaluationofamid-blockcrossingbasedonthecrieria setinSection3B.2.7ofthe TrafficEngineeringManual. Thestudyconsistedofvehicularandpedestriancounts,spotspeedstudy,safetyanalysisandfieldobservations.				
04/21 – 07/24	CP No. 16 CI-US-0032 Bus Rapid Transit (BRT) Improvement Project (Baton Rouge, LA) Kristen a project engineer for a traffic design study and traffic signal design of 19 signals along three corridors: Plank Road, 22nd Street and US 190 (Florida Street). Kristen assisted the prime consultant with the safety analysis as well.				



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

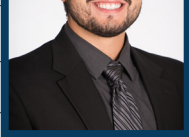
08/21 – 04/22	H.013267 Downtown to Scotlandville Parkway Trail Safety Enhancement Study (Baton Rouge, LA) Kristen was a project engineer for a design study to evaluate the recommended street crossing treatments of the trail at eight locations. The project consisted of collecting vehicular speed and volume data at the proposed trail crossings. Geometric field checks were also performed to determine if any hazards to pedestrians or cyclists existed. Once the field data was collected and analyzed, appropriate crossing treatments utilizing the FHWA STEP Guide for Improving Pedestrian Safety at Unsignalized Locations were developed that included Rectangular Rapid-Flashing Beacons (RRFB) and Pedestrian Hybrid Beacons (PHB's). Currently, Vectura is developing plans for the PHB's at four locations which will be the first implementation of PHB's in the Baton Rouge area on a state route.
02/20 – 09/21	MOVEBR College Drive Enhancement Project (Baton Rouge, LA) Kristen assisted with the data collection task of the College Drive project limits. Tasks included in data collection were 7-day tube counts, intersection turning movement counts, approach tube counts, unmet demand observations, driveway counts, travel time runs, pedestrian / bicycle counts, and weaving counts.
6/19 – 2/21	H.013459 US 167 Improvements Stage 0 Elsie Street to Gilbert Street (St. Landry Parish, LA) Kristen served as project manager for a Stage 0 study to evaluate the addition of a third lane to US 167 from Elsie Street south to a point past Gilbert Drive. Environmental impacts and cost estimates were prepared, as well as a benefit-cost analysis of all improvements considered. Civil Engineer responsible for safety analysis including crash rate number method, over-representation, CATScan quality assurance, HSM existing safety analysis, and No-Build Analysis. Designed high-level concept exhibits and comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes.
6/19 – 2/21	H.013460 US 167 Improvements Stage 0 Enola Street to Ross Road (Evangeline Parish, LA) Kristen served as project manager for a Stage 0 study of a two-lane road to remove a curvilinear section of US 167 from Enola Street near LA 748, southeast for approximately 1.2 miles. The study compared connecting existing property owners to a new roadway with driveways or intersection of old roadway. Environmental impacts and cost estimates were prepared. Civil Engineer responsible for safety analysis including crash rate number method, over-representation, CATScan quality assurance, HSM existing safety analysis, and No-Build Analysis, as well as a benefit-cost analysis. Designed high-level concept exhibits and a comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes.
04/19 – 6/21	H.013817.1 LA 117 Improvements Stage 0 (Vernon and Natchitoches Parishes, LA) Kristen served as project engineer responsible for a Stage 0 study for 18 miles of two-lane LA 117 from LA 8 to LA 118. The study evaluated the impacts of correcting deficient vertical and horizontal geometry along the corridor, widening for the addition of shoulders, and adding passing lanes and turn lanes at strategic locations along the corridor. Kristen was responsible for performing the safety analysis including crash rate number method, over-representation, CAT Scan quality assurance, HSM existing safety analysis, and No-Build Analysis. Kristen designed high-level concept exhibits, evaluated environmental impacts, and prepared high level cost estimates and comparison matrices to determine which preliminary alternatives best meet the purpose and need of the project. Kristen compiled all findings in the Stage 0 report and coordinated with stakeholders and local agencies to ensure the purpose and need of project is met.
02/20 – 06/25	H.010616 – I-20: LA 544 Overpass Replacement (Ruston, LA) Kristen was project engineer for a Level 2 Transportation Management Plan (TMP) for a new four-lane bridge over I-20 and three, two-lane roundabouts along LA 544. Kristen also assisted Brin in the development temporary traffic signal plans with multiple setup configurations for the construction of the roundabouts.

16. Staff Experience

Firm employed by:



Name	Reece Rodrigue, PE, PTOE, RSP1			Years of relevant experience with this employer	6
Title	Engineer			Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization				Bachelor of Science / 2013 / Civil Engineering	
Active registration number / state / expiration date				PE.42074 / Louisiana / 03.31.2028	
Year registered		2017	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities: Engineer. Reece will serve as Project Engineer for Traffic Control Design / Temporary Traffic Signal Analysis and Design.					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
04/20 - 04/26	H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project (Belle Chasse, LA) Reece is responsible for designing the temporary traffic signal for the intersection of LA 23 at Engineers Rd. for eight phases of construction per the anticipated sequence of construction. Temporary pole location and heights were recommended for placement for use for all construction phases. Vehicle clearance interval calculations were conducted for each phase in accordance with DOTD and ITE guidance. Reece is responsible for producing the traffic impact analysis portion of the Traffic Management Plan that was also used in planning for the permanent and temporary signal timing plans. Reece was also responsible for producing the permanent signal plans for the LA 23 intersections at Engineers Road and at Burmaster Street. He evaluated stop bar locations, calculated vehicle, and pedestrian clearance intervals, designed the railroad preemption sequence for both at-grade crossings, designed the wiring layout, and developed the interconnect plan. In addition, Reece was responsible for reviewing and approving shop drawings that were submitted by the contractor for use in construction.				
06/23 - 06/25	H.011507.1 Monroe Phase 3 SEA Reece visited the project site to document the controller type and detection needs at each signalized intersection within the right-of-way.				
04/21 - current	MOVEBR Direct Select for Traffic Signal Design, Baton Rouge, LA Reece is a project engineer for the design of traffic signal upgrades at 10 intersections. This project included a traffic design report, preliminary and final plans for traffic signals that included traffic signal layout, fiber interconnect layout, fiber splicing diagrams, pedestrian crosswalk layout, and sign layout. The design also included traffic signal synchronization signal timing and pedestrian signal timing.				
07/21 - 04/26	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.				
01/23 - 02/24	H.011504 Alexandria ITS Phase 2 Reece was the project engineer for a site visit, System Engineering Analysis Report, Engineering Opinion of Probably Construction Cost and Level 2 Transportation Management Plan.				



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

01/21 – 05/21	H.013256 – I-10 ITS Scott to Lake Charles (Lafayette, Acadia, and Jefferson Davis Parishes) Reece was a member of the subconsultant team who was tasked with reviewing the ITS plans for 15 sites along I-10 where CCTV cameras were being installed. Reece was responsible for measuring anticipated construction quantities and producing a cost estimate for said quantities by using DOTD's Bid Tabulation and Cost Estimating Tool.
09/20 – 12/21	H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish) Reece was a project engineer, who participated in the production of the temporary signal design associated with the sequence of construction for the roundabout at US 171 at Boone St. He conducted a thorough analysis of the US 171 corridor's existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.
09/20 – 12/21	H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish) Reece was a project engineer, who assisted in the production of the temporary signal design associated with the sequence of construction for the roundabouts on LA 30 in Gonzales, LA. This project consists of eight proposed construction phases. He assisted in calculating the temporary pole heights, determining the placement location for the temporary poles for each phase, measuring and calculating clearance intervals. Reece conducted a thorough analysis of the LA 30 corridor's existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.
04/20 – current	H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project (Belle Chasse) Reece is the project engineer who designed the temporary traffic signal for the intersection of LA 23 at Engineers Rd. The design of the temporary signals is set for eight phases of construction per 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 was also used in planning for the permanent and temporary signal timing plans. Reece also produced 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 reviewed and approved shop drawings that were submitted by the contractor.
04/21 – current	MOVEBR Direct Select for Traffic Signal Design, Baton Rouge, LA Reece is a project engineer for the design of traffic signal upgrades at 10 intersections. This project included a traffic design report, preliminary and final plans for traffic signals that included traffic signal layout, fiber interconnect layout, fiber splicing diagrams, pedestrian crosswalk layout, and sign layout. The design also included traffic signal synchronization signal timing and pedestrian signal timing.
02/20 – 09/21	College Drive Corridor Enhancement from Perkins Road to I-10 (Baton Rouge, LA) Reece was the task leader for organizing and formatting the data collection of the College Drive project limits. Tasks included in data collection were 7-day tube counts, intersection turning movement counts, approach tube counts, unmet demand observations, driveway counts, travel time runs, pedestrian / bicycle counts, and weaving counts.
07/19 – 12/19	Burgess Avenue at Duff Road Traffic Signal Design, Walker, LA Reece was responsible for the design of a fully actuated signalized intersection in the city of Walker, LA. The traffic signal was determined to meet signal warrants upon completion of the Foxglove subdivision in Livingston Parish, LA. Plans included road widening, signal face indication schedule, signal sequence chart, sign schedule, detector schedule, controller timing, wiring diagram, and free operation phasing diagram. Reece met with city officials to discuss the feasibility of constructing a traffic signal as opposed to other alternative measures for improving the intersection.

16. Staff Experience

Firm employed by:



Name	Bridget Scheyd Robicheaux, PE, PTOE			Years of relevant experience with this employer	9
Title	Engineer			Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization				Bachelor of Science / 2007 / Civil Engineering Master of Science/ 2014 / Civil Engineering	
Active registration number / state / expiration date				PE.41272 / Louisiana / 03.31.2027	
Year registered		2016	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities: Engineer. Bridget will serve as Project Engineer for Traffic Control Design, Traffic Signal Analysis and Design / Traffic Study Support / Peer Reviews.					
Experience dates (mm/yy-mm/yy)		Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
07/21 – current		H.007160 EBR Computerized Traffic Signal, Phase VB (Baton Rouge) Bridget has reviewed the signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Bridget also reviewed the traffic signal supports and documented all of her comments in a quality control tracker spreadsheet.			
06/21 – 06/21		CP No. 16 CI-US-0032 Bus Rapid Transit (BRT) Improvement Project (Baton Rouge, LA) Bridget assisted with the traffic signal design of 19 signals along three corridors: Plank Road, 22nd Street and US 190 (Florida Street).			
03/21 – 07/22		H.007160 – EBR Computerized Traffic Signal, Phase VB (Baton Rouge, LA) Bridget is part of the team responsible for Construction Engineering and Inspection. Bridget has reviewed the signal mast arm shop drawings (checking pole quantities and markups) to assist the City-Parish of Baton Rouge in accepting the manufactured poles.			
04/20 – 07/20		H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project (Belle Chasse, LA) Bridget assisted the project engineer who designed the temporary traffic signal for the intersection of LA 23 at Engineers Rd by pulling crash data along LA 23, reviewing and summarizing crash reports, and performing CATScan analysis.			
04/19 – 01/20		Traffic Studies for Broussard Middle School and Billeaud Elementary School (Lafayette Parish, LA) Bridget was the project engineer for developing a traffic study for two school entrances in Broussard, LA. Her tasks included traffic data collection, forecast traffic volume development, existing traffic analyses and future traffic analyses using HCM software. She performed turn lane warrants based on NCHRP Report Number 457 as well as storage lengths based on queues and DOTD requirements.			
07/19 – current		MOVEBR New Capacity Projects Program Management (Baton Rouge, LA) Bridget assists Brin daily for the entire New Capacity Projects program management team. Bridget has performed multiple reviews of traffic studies and traffic signal designs. This includes reviewing raw data, unmet demand, volume maps, existing and build analyses, and safety analyses for accuracy and consistency throughout the report. She provides comments in a spreadsheet known as the Comment Tracker. All comments are posted in the Comment Tracker so that all parties are aware. Many of these projects are located on state routes			

16. Staff Experience: Bridget Scheyd Robicheaux, PE, PTOE | Vectura Consulting Services, LLC - continued

continued	and require approval by the Traffic Engineering staff of DOTD and EBR Traffic Engineering Department. She understands the current requirements for all aspects of traffic engineering projects. Using methods outlined in NCHRP 765, Bridget helped to develop design year volumes for the Jones Creek (Airline to Jefferson) MOVEBR project. She has developed Turn Lane tech memos for the MOVEBR Old Hammond Highway Segments 1A and two projects and for the MOVEBR Highland at Siegen project.
07/18 - 04/19	LA1 Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Design West Baton Rouge Parish, Addis, LA Bridget assisted Brin with the crosswalk study by pulling and formatting the crash data. She also assisted Brin with the crash analysis and formatting the findings.
10/17 - 07/18	Travel Demand Model Update: Southeast Louisiana Travel Model (New Orleans, LA) Bridget developed base year traffic volumes to calibrate and test of the regional travel demand as part of updating the New Orleans Regional Planning Commission Travel Demand Model in TransCAD. Specifically, Bridget obtained and reviewed the over 4,000 traffic counts (cars / trucks) that were used in the validation of the SELATRAM model to check for consistency, reasonableness, and completeness. She tabulated her results in a spreadsheet that was included in a technical memorandum.
09/17 - 11/17	US 11 (Front St.) at US 190 Bus. (Fremaux Ave.) Traffic Study (St. Tammany Parish, LA) Bridget participated in the development of a Crosswalk Traffic Engineering Study for the City of Slidell as part of improvements to the intersection of US 11 (Front St.) at US 190 Bus. (Fremaux Ave.). Bridget processed raw traffic videos and developed AM and PM peak period turning movement vehicle count figures. She also assisted Brin with a PTV Vistro model for the AM and PM Peaks for the five intersections for capacity analyses as well as progression analyses. She also developed portions of the report.
02/17 - 10/17	Judge Tanner Boulevard at N. Causeway Roundabout Study (St. Tammany Parish, LA) Bridget participated in the development of a Stage 0 Feasibility Study for roundabouts at four intersections in St. Tammany Parish. The scope was developed based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual Section 20.2. Bridget developed traffic turning movement counts for morning and evening peak periods including peak hour factor and heavy vehicle percentages. Growth rates for design year volumes were also developed based on information provided from the TransCAD model. She performed portions of the Sidra unsignalized, signalized and roundabout analyses for implementation and design years and report development.
06/16 - 09/17	H.004490 Stage 0 Roundabout Studies, (Lafayette Parish, LA) Bridget assisted with developing a Stage 0 Feasibility Study for roundabouts at seven intersections in the Lafayette area. The scope was developed based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual Section 20.2. Bridget developed traffic turning movement counts diagrams for peak periods including peak hour factor and heavy vehicle percentages. She developed the speed data analyses as well as assisted with performing Sidra unsignalized, signalized and roundabout analyses for implementation and design years. Bridget also developed several figures that were included in the report.

16. Staff Experience

Firm employed by:



Name	Gustavo Clavijo			Years of relevant experience with this employer	3
Title	Supervisor - Other			Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization				Bachelor of Science / 2011 / Business Administration	
Active registration number / state / expiration date				N/A	
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities: Supervisor - Other. Gustavo will serve as Data Collection Project Manager.					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
04/25 - 07/25	Driftwood LNG Data Collection (Lake Charles, LA) Gustavo scheduled and managed the traffic data collection efforts for 2 7-day classification counts, 93 approach counts and 33 turning movement counts with unmet demand. Gustavo assisted in the post processing of all tube and camera data and ensured that the data collection portion of the project was completed effectively and before the deadline.				
08/24 - 12/24	Monroe Street Corridor Study (Mandeville, LA) Gustavo scheduled and managed the traffic data collection efforts for 16 7-day classification counts and 30 turning movement counts with field observations. Gustavo assisted in the post processing of all tube and camera data and ensured that the data collection portion of the project was completed effectively and before the deadline.				
6/24 - 04/25	City of New Orleans Speed Management Program (New Orleans, LA) Gustavo scheduled and managed the traffic data collection efforts for this contract which included 48-hr speed studies for 60 segments throughout the City of New Orleans. Gustavo assisted in the equipment set-up/tear-down as well as the post processing of all radar sensor data and ensured that the data collection portion of the project was completed effectively and before the deadline.				
11/23 - 01/24	Traffic Impact Study for Waste Site (Lake Charles, LA) Gustavo scheduled and managed the traffic data collection efforts for 2 7-day classification counts and 14 turning movement counts. Gustavo assisted in the post processing of all tube and camera data and ensured that the data collection portion of the project was completed effectively and before the deadline.				
11/23 - 01/24	Distribution Center Traffic Impact Study (Elmwood, LA) Gustavo scheduled and managed the traffic data collection efforts for 2 7-day classification counts and 9 turning movement counts. Gustavo assisted in field observations as well as the post processing of all tube and camera data and ensured that the data collection portion of the project was completed effectively and before the deadline.				
9/23 - 01/24	US 190B /Fremaux Ave. Sidewalk Feasibility Study (Slidell, LA) Gustavo scheduled and managed the traffic data collection efforts for 2 7-day classification counts, 2 7-day ped and bike counts, 6 turning movement counts, 3 turning movement counts with demand and 3 radar spot-speed survey. Gustavo assisted in the post processing of all tube and camera data and ensured that the data collection portion of the project was completed effectively and before the deadline.				
12/22 - 12/22	I-10 Calcasieu River Bridge (Lake Charles, LA) While employed with National Data and Surveying Services, Gustavo was the Project Coordinator working alongside WSP engineers to conduct the traffic data collection effort. Gustavo directly scheduled and managed				

16. Staff Experience: Bridget Scheyd Robicheaux, PE, PTOE | Vectura Consulting Services, LLC - continued

continued	the field collection efforts on two separate occasions for 54 7-day classification mainline and ramp counts. Gustavo ensured that all collection efforts were completed within budget and on schedule.
08/22 - 11/22	Ardenwood Dr Traffic Counts (Baton Rouge, LA) While employed with National Data and Surveying Services, Gustavo was the Project Coordinator working alongside Neel-Schaffer engineers to conduct the traffic data collection effort. Gustavo directly scheduled and managed the field collection efforts for 4 7-day classification counts, 25 48-hr classification counts, and 24 driveway counts. Gustavo ensured that all collection efforts were completed within budget and on schedule.
11/21 - 12/21	US 190 Traffic Counts (Mandeville, LA) While employed with National Data and Surveying Services, Gustavo was the Project Coordinator working alongside Neel-Schaffer engineers to conduct the traffic data collection effort for 29 48-hr classification counts; 20 6hr turning movement counts, 94 driveway counts and 2 radar spot-speed surveys. Gustavo ensured that all collection efforts were completed within budget and on schedule.

16. Staff Experience

Firm employed by:



Name	Zachary Koerner			Years of relevant experience with this employer	2
Title	Technician			Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization				Associate of Science / 2017 / Applied Sciences	
Active registration number / state / expiration date				N/A	
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities: Technician. Zachary will serve as Data Collection Technician.					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
05/25 – 07/25	Delta Trails Data Collection (Multiple sites along the Mississippi River, LA) Zach contributed to the traffic data collection efforts for 7 7-day classification counts. Zach assisted in the installation and tear down of field equipment as well as in the post processing of all tube and camera data.				
04/25 – 07/25	Driftwood LNG Data Collection (Lake Charles, LA) Zach contributed to the traffic data collection efforts for 2 7-day classification counts, 93 approach counts and 33 turning movement counts with unmet demand. Zach assisted in the installation and tear down of field equipment as well as in the post processing of all tube and camera data.				
04/25 – 08/25	LA 59 to LA 1088 Connector (Mandeville, LA) Zach contributed to the traffic data collection efforts for 10 3-day approach counts, 3 turning movement counts and 2 spot speed studies. Zach assisted in the installation and tear down of field equipment as well as in the post processing of data.				
08/24 – 12/24	Monroe Street Corridor Study (Mandeville, LA) Zach contributed to the traffic data collection efforts for 16 7-day classification counts and 30 turning movement counts with field observations. Zach assisted in the installation and tear down of field equipment as well as in the post processing of all tube and camera data.				
06/24 – 04/25	City of New Orleans Speed Management Program (New Orleans, LA) Zach contributed to the traffic data collection efforts for this contract which included 48-hr speed studies for 60 segments throughout the City of New Orleans. Zach assisted in the installation and tear down of field equipment as well as in the post processing of all radar sensor data.				



16. Staff Experience

Firm employed by:



Name	Angela Lemoine-Lakvold, MAI, SRA, R/W-AC, MBA			Years of relevant experience with this employer	25
Title	Owner/LA State Certified General Real Estate Appraiser			Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization				Master of Business Administration / 1999 Bachelor of Science / 1985 / Business & Public Administration	
Active registration number / state / expiration date				State Certified General Appraiser #G0575 / Louisiana / 12.31.2027	
Year registered	1992	Discipline	General Real Estate Appraiser		
Contract role(s) / brief description of responsibilities: Professional. Angie will provide Conceptual State Relocation Plans services and satisfies MPR #14.					
Angie has 40 years of experience and is the owner and operator of the Lakvold Group, which has been in business for 25 years. She has managed and completed commercial real estate appraisals, appraisal reviews of all property types, and infrastructure appraisal work for road improvement projects, pipelines, drainage projects and other utilities throughout south Louisiana.					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
01/20 - Ongoing	SPN H.003931, I-10 Calcasieu River Bridge Public Private Partnership (P3) Project, LADOTD, Calcasieu Parish, LA - Completed the Conceptual Stage Relocation Plan for the project as part of the Environmental Assessment. Currently working on the appraisals for the acquisition of the required right-of-way for this design-build project.				
11/22 - Ongoing	SPN H.005168, New Orleans Gateway Program, Jefferson Rail Crossing Relocation, Jefferson Parish, LA - Completed Conceptual Stage Relocation Plan for the project.				
3/24 - 1/25	SPN H.005168, New Orleans Gateway Program, Jefferson Rail Crossing Relocation, Jefferson Parish, LA - Completed Conceptual Stage Relocation Plan for the project.				
03/25 - 07/25	SPN H.014318, Gurney Road Bridges Over Drainage Canal, East Baton Rouge Parish, LA - Completed appraisals for the replacement of two existing bridges.				
05/24 - 05/25	SPN H.001779, Jimmie Davis Bridge (LA 511) (HBI), Caddo Parish and Bossier Parish, LA - Completed appraisals for the replacement of the Jimmie Davis Bridge.				
03/24 - 10/24	SPN H.014416, LA 3125 @ LA 3274 Roundabout, St. James Parish, LA - Completed appraisal for completion of a roundabout.				
06/22 - 10/23	CPP 12-CS-HC-0060, Jones Creek Road Extension, East Baton Rouge Parish, LA - Completed appraisals for completion of a new alignment roadway from Tiger Bend Road to Airline Highway.				
07/21 - 10/21	PLC Project No. 13001, Port of Lake Charles Rail Relocation at West Sallier Street in Conjunction with State Project No. 005967, Calcasieu Parish, LA - Completion of appraisal reviews for the above referenced property.				
09/20 - 12/21	SPN H.004791, LA 23: Belle Chasse Bridge & Tunnel (HBI), Plaquemines Parish and Jefferson Parish, LA - Completion of appraisal for the design-build bridge to replace the existing bridge and tunnel.				



16. Staff Experience

Firm employed by: emergent method					
Name	Keesler Morrison		Years of relevant experience with this employer		5
Title	Public Outreach and Agency Coordination Project Manager		Years of relevant experience with other employer(s)		3
Degree(s) / Years / Specialization		Bachelor of Science / 2020 / Economics			
Active registration number / state / expiration date		N/A			
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities: Other – Senior Manager. Keesler will provide Public Outreach and Agency Coordination services and satisfies MPR #15.					
Keesler Morrison is a skilled management consultant with a background in strategic communication, strategic planning, project management, and process development. Keesler supports statewide public outreach and engagement projects for several of the firm’s public-sector clients, where he develops and executes tactical outreach and engagement plans and manages and facilitates agency coordination. Keesler has experience with both digital and traditional outreach campaigns, including social media, public meeting facilitation, content development, and media relations.					
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
09/26 – present	Highway Priority Program; Louisiana Department of Transportation and Development; Baton Rouge, LA - Outreach and Engagement Project Manager. Responsible for creating deliverables to represent the Highway Priority Program and convert dense, complex information into an easy to read and understand format. Leads all content creation and graphic design work associated with the Highway Priority Program’s outreach materials. Develops presentations, one-pagers, and other associated materials for distribution at the Highway Priority Program Roadshow.				
09/26 – present	CURRENT Authority Support; Louisiana Department of Transportation and Development; Baton Rouge, LA - Outreach and Engagement Project Manager. Leads project delivery for program management, public information and outreach, stakeholder engagement, and strategic communications as the Authority develops its inaugural statewide Master Plan. Oversees project planning, client coordination, work plan execution, and multidisciplinary team performance to ensure successful delivery of services. Directs the development and implementation of statewide public outreach and stakeholder engagement strategies, manages communications planning and messaging, and advises Authority leadership on governance, operational coordination, and strategic planning during the organization’s formative stages. Coordinates across state agencies, local governments, industry partners, and community stakeholders to facilitate collaboration and ensure broad participation throughout the Master Plan development process.				
06/24 – present	Virginia Flood Protection Master Plan; Virginia Department of Conservation and Recreation; Richmond, VA - Outreach and Engagement Project Manager. Responsible for the overall direction of outreach and engagement strategies to effectively engage stakeholders. Leads overall strategy development and execution.				
06/24 – present	Comprehensive Conservation Management Plan, Lake Pontchartrain Restoration Program, Baton Rouge, LA - Outreach and Engagement Project Manager. Leads the overall strategy development and execution of stakeholder outreach and engagement.				

16. Staff Experience: Keesler Morrison | Emergent Method, LLC - continued

continued	Responsible for deliverable development. Leads in-person and virtual meeting preparation and execution to internal and external stakeholders, including logistics planning, coordination, and facilitation.
06/24 – present	Atchafalaya Master Plan; Louisiana Coastal Protection and Restoration Authority; Baton Rouge, LA - Outreach and Engagement Project Manager. Responsible for the execution of planning efforts by contributing to the overall direction of plans, including the definition of goals, objectives, and actionable steps to align with the organization's vision. Aids in the creation of presentations by organizing content, designing slides, and articulating key messages. Assists in the development of webinar outlines by structuring topics, planning interactive elements, and ensuring a coherent and engaging flow.
01/22 – present	Fiscal Year 2023, 2024, 2025, 2026, and 2027 Annual Plans, Louisiana Coastal Protection and Restoration Authority; Baton Rouge, LA - Outreach and Engagement Project Manager. Supports overarching communications strategy for the CPRA Annual Plans, which inventory projects, present implementation schedules, and identify funding schedules and budgets to provide an update on the state's efforts to protect and restore its coast and describe the short-term and long-term results that citizens can expect to see as the state progresses toward a sustainable coast. Leads content development through building relationships with project teams, administrative personnel, and executive leadership to understand project information and synthesize its budget, purpose, and status for public audiences. Coordinates community outreach and engagement efforts, including facilitating workshops, public meetings, and other various meeting facilitation needs by giving presentations, fielding questions, and serving as the liaison between the technical program team and community members. Ensures program brand consistency across all communication channels, including presentations, talking points, print deliverables, and digital/social content.
2021 – 2025	Outreach and Engagement, Mississippi River Mid-Basin Sediment Diversion Program; Louisiana Coastal Protection and Restoration Authority; Baton Rouge, LA - Outreach and Engagement Coordinator. Responsible for the implementation of extensive outreach and engagement efforts related to CPRA's sediment diversion program, including facilitating outreach and communication with the various stakeholder groups of the program and CPRA. Supported the development of strategic communication tools, including talking points, digital and print educational materials, and presentations for program team members and CPRA leadership. Supported day-to-day program management by documenting key tasks, coordinating meeting logistics, and working with the varied program functional leads to support outreach and engagement efforts, structured around NEPA required formal statutory periods, coordinated multi-agency transparency, and localized community feedback loops, including public scoping meetings, draft EIS comment periods, combined hearings with the Louisiana Trustee Implementation Group, and targeted stakeholder engagement.
11/22 – 05/23	2023 Coastal Master Plan; Louisiana Coastal Protection and Restoration Authority; Baton Rouge, LA - Outreach and Engagement Project Manager. Coordinated overarching communications strategy for CPRA's comprehensive effort to evaluate the state's natural resources, ongoing risks, and preparations to protect Louisiana's resources while reducing land loss and flood risk. Supported the development of program messaging and content through building relationships with key stakeholder groups, including project engineers, elected officials, and community representatives. Managed community outreach and engagement efforts, including facilitating workshops, public meetings, and other various meeting facilitation needs by giving presentations, fielding questions, and serving as the liaison between the technical program team and community members. Ensured program brand consistency across all communication channels, including presentations, talking points, print deliverables, and digital/social content.

16. Staff Experience

Firm employed by:

**emergent
method**



Name	Annie Landry	Years of relevant experience with this employer	7
Title	Public Outreach and Agency Coordination	Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization		Master of Arts / 2016 / Mass Communication Bachelor of Science / 2014 / Mass Communication	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A

Contract role(s) / brief description of responsibilities: **Other - Senior Manager. Annie will provide Public Outreach and Agency Coordination services.**

Annie Ourso Landry is an experienced project management consultant with extensive experience in strategic communications and organizational effectiveness. Annie lends her expertise to several of the firm's public sector clients, including large-scale statewide federally funded programs, leading outreach and engagement, public relations, and digital communication initiatives. Through this work, Annie has demonstrated her proficiency in navigating Louisiana's governmental, business, and community landscape to engage a wide variety of clients and stakeholders effectively. Annie leverages this experience to make informed decisions, drive results, and align program goals with organizational strategies and standards. She provides day-to-day support, continuously evaluating and improving processes while offering technical guidance to meet client and agency demands. With a background in journalism, Annie excels in developing engaging, digestible content that helps organizations and agencies effectively tell their stories and engage with target audiences to meet program and project goals.

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
09/26 - present	Louisiana Watershed Initiative; Louisiana Office of Community Development (OCD); Baton Rouge, LA - Communication Manager. Manages communication and outreach efforts for the Louisiana Watershed Initiative, a statewide federally funded program focused on collaborating across parish and state lines on watershed-based floodplain management to reduce flood risk in Louisiana. Oversees the work of cross-functional team members to support content development for public official and stakeholder outreach efforts to inform program design, policy research, compliance, and the ongoing development of brand standards, ensuring compliance with overall program standards. Develops and distributes press releases, presentation materials, web and social media content, talking points, email campaigns, and more while also facilitating educational workshops, webinars, and public meetings to communicate program updates, progress, and initiatives to a wide variety of stakeholders.
11/22 - 01/23	FY 2024 Annual Plan; Louisiana Coastal Protection and Restoration Authority (CPRA) (Subcontractor to Royal Engineering); Baton Rouge, LA - Communications Specialist. Supported development of the FY 2024 CPRA Annual Plan, which inventories projects, presents implementation schedules for these projects, and identifies funding schedules and budgets. Provided content development support and coordination, collaborated with program team, and supported project scheduling and organization.
08/20 - 08/21	Communication, Outreach, and Engagement Support, Southern Rail Commission, Louisiana, Mississippi, and Alabama - Communication Consultant. Supported communication and outreach efforts across Louisiana, Mississippi, and Alabama networks.

16. Staff Experience: Annie Landry | Emergent Method, LLC - continued

continued	Developed content for communication materials, including email campaigns, blog posts, website content, and educational materials. Supported media relations, including press releases and media inquiries.
06/15 - 09/19	Greater Baton Rouge Business Report; Baton Rouge, LA - Staff Reporter. Served as a staff writer at the Greater Baton Rouge Business Report — an award-winning business news publication — for four years. Produced feature stories and cover stories for the magazine, published twice a month, while also reporting for Daily Report, a twice-daily e-newsletter. Covered a range of topics, including business and industry news, state and local politics, executive profiles, enterprise stories, and breaking news across the Capital Region.

16. Staff Experience

Firm employed by:

**emergent
method**



Name	Jacqueline Foreman			Years of relevant experience with this employer	4
Title	Communicator/Graphic Design			Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization				Bachelor of Fine Arts / 2017 / Studio Art: Graphic Design Concentration	
Active registration number / state / expiration date				N/A	
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities: Other – Manager. Jacqueline will provide Public Outreach and Agency Coordination services.					
Jacqueline Foreman is an experienced graphic design professional with a background in studio arts, brand identity and development, and visual campaigns. Jacqueline combines technical skills with design principles and creativity to support clients through a variety of visual design and communication developments. Her problem-solving approach helps to translate complex ideas into engaging and digestible graphics all while reinforcing the brand’s voice to tell a compelling story.					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
06/24 – present	Website Development; Louisiana Office of Community Development; Baton Rouge, LA - UI/UX Designer. Creating a visual redesign of the layout structure of the Louisiana Office for Community Development’s website to enhance the user interface. This includes visual layout, navigation structure, and interactive elements such as buttons and hover states all while ensuring the design meets accessibility standards while ensuring the design stays within the client’s brand standards.				
08/23 – present	Communications, Outreach, and Engagement Support; Louisiana Housing Corporation (LHC); Baton Rouge, LA - Designer. Creates and designs a wide range of print and digital marketing materials for Louisiana Housing Corporation. LHC offers programs to ensure working families have access to affordable and safe housing. Collateral pieces include, but are not limited to, informational brochures, flyers, push cards, social media graphics, annual reports, and templates.				
01/24 – 03/24	Website Design; Ascension Parish Sheriff’s Office; Ascension Parish, LA - UI/UX Designer. Played a role in enhancing the user interface and experience of the new Ascension Parish Sheriff Office’s website with a visual redesign. This included navigation, streamlined content presentation, and cohesive design elements. By optimizing usability and accessibility, the new design provides a more intuitive and efficient browsing experience. This redesign involved a new organizational hierarchy of menu items to help better meet the needs of the target audience.				
03/23 – 06/23	Organizational and Brand Strategy Planning; Kansas State University; Manhattan, KS - Designer. Assisted in the development of brand strategy recommendations for Kansas State University to better align with the future of the university. Worked on a team to lead a brand strategy retreat where task force members were able to voice opinions, engage in conversation and participate in an interactive branding activity.				

16. Staff Experience: Jacqueline Foreman | Emergent Method, LLC - continued

2022	IBM; Baton Rouge, LA - Senior Visual Designer. Worked on global teams consisting of designers, researchers, and developers to create visual designs and interactive application prototypes. Worked within brand guidelines to create layouts that reinforced a brand's style or voice through visual touch points. Her projects included the full spectrum of design, including user research, research analysis, information architectures, user flows, personas, wire frames, mockups, and prototypes.
2019 - 2022	Lamar Advertising; Baton Rouge, LA - National Sales Graphic Designer. Created and executed various projects such as one-sheets, presentations, branded collateral, and out-of-the-box campaign pitches for national clients. Communicated daily with multiple account managers and executives, brainstorming projects and new ideas for clients.
2016 - 2019	Lamar Advertising; Baton Rouge, LA - Transit and Airport Graphic Designer. Designed conceptual art pieces to aid with the selling of Transit and Airport inventory in local markets. Maintained templates and processes, keeping them up to date by incorporating new tools such as libraries and smart objects for templates and mockups. Created animated holiday graphics for various social media platforms.

16. Staff Experience

Firm employed by: emergent method					
Name	Maggie Clark		Years of relevant experience with this employer		<1
Title	Communicator		Years of relevant experience with other employer(s)		2
Degree(s) / Years / Specialization		Bachelor of Arts /2023 / Political Science			
Active registration number / state / expiration date		N/A			
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities: Other – Consultant. Maggie will provide Public Outreach and Agency Coordination services.					
Maggie Clark is a versatile communications professional with experience in strategic outreach and engagement, media relations, and content development. At Emergent Method, Maggie supports a wide range of initiatives, with a focus on outreach for large-scale resilience and infrastructure programs.					
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
05/26–present	Eden Isle Flood Risk Reduction; Louisiana Coastal Protection and Restoration Authority; Baton Rouge, LA – Outreach and Engagement Coordinator. Built out stakeholder lists. Created content for presentations, one-pagers, posters, door-knockers. Worked to create strategy and outreach timeline, goals, objectives, and action items. Planning community meetings. Coordinating stakeholder meetings and presenting plans to key community leaders.				
05/26–present	Highway Priority Program; Louisiana Department of Transportation and Development; Baton Rouge, LA – Outreach and Engagement Coordinator. Responsible for creating deliverables to reflect from the Highway Priority Program and convert complex data into digestible content. Works in tandem with design team on content creation for collateral and outreach materials. Develops presentations, one-pagers, and other associated materials for distribution.				
08/25 – 10/25	Darden Copeland for Congress; Darden Copeland; TN – Field Director/Deputy Communications Director. Directed on-the-ground field operations and communications strategy for the TN-07 U.S. congressional campaign across 14 Tennessee counties, coordinating events, media outreach, and voter engagement initiatives. Managed candidate scheduling, press relations, and digital communication for campaign events. Executed over 30 campaign events and strengthened campaign visibility through authentic voter engagement strategies, targeted community outreach, and earned media coverage.				
08/24 – 08/25	Cooley Public Strategies; Nashville, TN – Public Affairs Associate. Oversaw public relations and communications strategies for clients by drafting press releases and media advisories, authoring opinion pieces, creating graphics for social media content, and pitching stories to statewide and nationwide media markets. Consulted and advised Fortune 500 clients on press management and earned media, while aiding in building coalitions and tailoring community outreach for campaigns.				
01/24 – 06/24	Johnson Poss Kirby Government Relations; Nashville, TN – Public Affairs Associate. Composed comprehensive legislative reports from introduction, committees, and House Chamber, researching tracked legislation and analyzing members’ votes for future lobbying strategies. Executed weekly meeting requests from the Tennessee General Assembly and staff to provide engagement for clients and firm principals. Monitored prioritized legislation using Tennessee Legislative Services to issue tailored bill reports to clients.				

16. Staff Experience

Firm employed by: emergent method					
Name	William Kirkland		Years of relevant experience with this employer		<1
Title	Communicator		Years of relevant experience with other employer(s)		5
Degree(s) / Years / Specialization		Bachelor of Arts / 2021 / Communication Studies			
Active registration number / state / expiration date		N/A			
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities: Other – Senior Consultant. William will provide Public Outreach and Agency Coordination services.					
Will Kirkland is a skilled professional with a strong background in community engagement. In his role, he supports stakeholder engagement and outreach initiatives, and utilizes his experience to deliver impactful results for our clients.					
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
06/26 – present	General Communications; Louisiana Office of Community Development; Baton Rouge, LA – Communications Coordinator. Created social media consolidation plan, including content and content calendar for Local Government Assistance (LGA). Assisted with creation of August 2026 Special Edition Agency Update. Created LOCD Project Promotion Toolkit, equipping municipalities with simple, reusable tools to promote LOCD-supported projects.				
02/25 – 06/26	Strategic Initiatives and External Affairs; Mayor’s Staff; City of Monroe, LA – Senior Director. Oversaw creation and distribution of press releases, public statements, and media materials. Oversaw social media management, Mayor’s strategic initiatives, and community events. Tracked application outcomes and supported grant administration across departments. Served as a liaison between Mayor’s Office and community stakeholders as needed.				
11/22 – 02/25	Great Minds Agency; Monroe, LA – Marketing Coordinator. Assisted in development of marketing campaigns across various platforms. Developed media outreach for clients, roadmaps for television commercials, and storyboards for commercial filming. Directed commercial film shoots. Provided administrative support.				
01/20 – 11/22	Boundary Solutions, Inc.; Jonesboro, LA – Director/President. Oversaw all business activities, personnel matters, client relations, billing, and marketing.				
08/21	Congresswoman Julia Letlow, U.S. House of Representatives; Washington, D.C. – Intern. Communicated with constituents from representative’s district, per office and House standards, as the liaison between D.C. and district offices. Monitored daily media for communication team.				

16. Staff Experience

Firm employed by: emergent method					
Name	Gabrielle Gautreaux		Years of relevant experience with this employer		1
Title	Communicator		Years of relevant experience with other employer(s)		1
Degree(s) / Years / Specialization		Bachelor of Arts / 2024 / Mass Communication			
Active registration number / state / expiration date		N/A			
Year registered	N/A	Discipline	N/A		
Contract role(s) / brief description of responsibilities: Other – Consultant. Gabrielle will provide Public Outreach and Agency Coordination services.					
Gabi Gautreaux is a communications consultant with experience supporting client engagements across communications strategy, stakeholder engagement, and digital media. She supports communications and change initiatives by conducting research, developing targeted messaging, and translating audience insights into actionable recommendations. With a collaborative approach and results-oriented mindset, Gabi works alongside senior leadership to develop and execute public outreach and engagement strategies, manage client communications, and support project success through proactive engagement and crisis communications.					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
09/25 – present	Multiple Projects; Emergent Method; Baton Rouge, LA – Communications Consultant. Supports a range of client engagements with a focus on communications research, message development, and stakeholder engagement. Contributes to communications and change strategy initiatives by analyzing audience insights, facilitating stakeholder discussions, and developing clear, actionable recommendations. Collaborates with cross-functional teams to design and implement tailored communications strategies that strengthen alignment, enhance engagement, and drive measurable outcomes and long-term impact.				
08/24 – 09/25	Social Media; Trifecta Sports Therapy; Baton Rouge, LA – Social Media Coordinator. Developed and executed a social media strategy aligned with company goals, collaborating closely with management and senior leadership to define key objectives and drive brand growth. Managed client communications to ensure stakeholders were informed of company offerings, promotions, and services, while proactively implementing crisis management strategies to maintain and enhance client satisfaction.				
01/24 – 05/24	Digital Design; Baton Rouge Improv Comedy Fest; Baton Rouge, LA – Digital Design Coordinator. Created digital design elements to initiate growth for the organization’s media presence including social media posts, graphics made in Canva and Illustrator, improvements on the organization’s website, and redesign of the logo. Worked closely with CEO of the organization to transfer his ideas to tangible elements for the organization that led to engagement on the organization’s Instagram page to increase by 344% and increased account reach by 2,274% in 4 months.				

SECTION 17



17. Firm Experience

Firm name:	 T. BAKER SMITH			Discipline(s)	Environmental, Road, Bridge
Project name:	IIJA Off-System Bridge Replacement Program			Firm responsibility (prime or sub?)	Prime
Project number	Multiple #s	Owner's name	Louisiana Department of Transportation and Development		
Project location	Sabine, Vernon, Natchitoches, Winn, Grant, Rapides, & Avoyelles Parishes, LA		Owner's Project Manager	Joseph Brown	
Owner's address, phone, email		1201 Capitol Access Rd., Baton Rouge, LA 70802; 225.379.1889; Joseph.Brown@la.gov			
Services commenced by this firm (mm/yy)		10/22	Total consultant contract cost (\$1,000's)		\$2,450
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$2,044

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

Based on TBS' decision matrix and in conjunction with the Parishes and LADOTD, 12 bridges were selected for replacement for District 08. These bridges are spread throughout seven Parishes and nine State Project Numbers. The replacement structures include Reinforced Concrete Slab Spans and Reinforced Concrete Box Culverts, spanning lengths from 20'-160'. TBS is utilizing Non-Standard Approach Slab designs to reduce project footprint and construction costs. Although most sites were able to be closed to local traffic, low profile runarounds and diversions were necessary on some sites to maintain access and add to the complexity and diversity of this project. TBS serves as the prime consultant on this contract and is responsible for environmental permitting, topographic surveying services, and right-of-way services. TBS also provides road and bridge design services including horizontal and vertical alignments, hydraulic and hydrologic analysis, cross sections, geometric details, sequence of construction, temporary erosion control, and cost estimation.

The environmental scope of services included development of the Purpose and Need statements and evaluation of the social, economic, and environmental consequences of the build and no-build alternatives through a Categorical Exclusion (CE) document prepared in accordance with the National Environmental Policy Act (NEPA). Affected environments evaluated during these projects included wetlands, threatened and endangered species, hazardous materials, public lands, socio-economic, recreation resources, cultural resources, floodplains, and the physical environment. TBS also conducted wetland delineations on each bridge site and distributed Solicitation of Views (SOV's) requests to a comprehensive list of potential stakeholders and agencies. Upon receipt of an approved Programmatic Categorical Exclusion from LADOTD on each project, TBS prepared and submitted USACE (Section 404) Nationwide permit applications.

TBS Team Members: Andrée Cortez, PE, PMP; Cy Toups, PE; Boyd Boswell, MS; Victor Hernandez; Samantha Baier, CCP; Kenny Belou, PE; Daniel Binet, PE; Kelly Radecker, PE; Brady Smith, PE, PMP; Daniel Fontenelle, PE; Brodee Landry

Project Relevance:

- ✓ Categorical Exclusions (CEs)
- ✓ Wetland Delineations
- ✓ USACE Section 404/10 Permitting
- ✓ Threatened & Endangered Species Surveys & Consultation
- ✓ Wetland Mitigation Planning
- ✓ Roadway & Bridge Design



17. Firm Experience

Firm name:				Discipline(s)	Environmental, Road
Project name:	I-10/Loyola Interchange			Firm responsibility (prime or sub?)	Sub
Project number	H.011670	Owner's name	Louisiana Department of Transportation and Development		
Project location	Jefferson Parish, LA			Owner's Project Manager	Lin Yang, PE
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802; 225.379.1456; Li.Yang@la.gov				
Services commenced by this firm (mm/yy)	03/16	Total consultant contract cost (\$1,000's)			\$797
Services completed by this firm (mm/yy)	11/21	Cost of consultant services provided by this firm (\$1,000's)			\$508

The I-10/Loyola Interchange in Jefferson Parish has become the primary access point to the new north terminal at Louis Armstrong New Orleans International Airport (MSY) in Kenner, LA. In order to accommodate this major change in traffic patterns in and out of the airport, an Interchange Modification Report (IMR) was prepared to determine alternatives for the modification of the interchange. Once the IMR progressed to the point where modification of the current interchange was deemed necessary, the Environmental Assessment for the project began. The IMR includes consideration of various interchange types for the improvement to the existing tight urban diamond interchange such as directional fly-over ramps, partial cloverleaf, directional diamond and singlepoint urban interchange (SPUI) for the at grade portions below the existing I-10 twin bridges over Loyola Drive. The IMR was conducted in accordance with FHWA policy on Changes in Access to the Interstate System and Federal Register Volume 74 issue 165, August, 2009 and DOTD EDSM I.4.3.2.

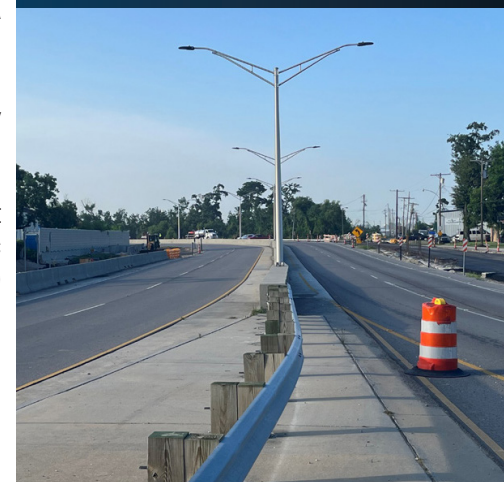
Upon completion of the initial traffic analysis, the alternatives were evaluated in Tier I through Tier III analysis where all feasible interchange configurations were screened for traffic operation and impacts such as environmental, right of way, construction costs. After initial screening, alternatives were further designed considering critical geometry and established design criteria for the remaining interchange alternatives, which underwent further screening and desktop environmental reviews until the IMR was completed after Tier III alternative analysis. The NEPA Environmental Assessment (EA) process was performed concurrently with the IMR after interchange modification was established.

T. Baker Smith, LLC, as a subconsultant, was the lead design firm for the line and grade aspects of the roadway and bridge geometric design (including directional ramps and at-grade sections, interstate ramps, SPUI, etc.) and environmental screenings involved in the IMR. TBS completed the initial alternative development described above and completed screening for Tier I through Tier III. TBS served as the lead consultant for the EA document development, performed the wetland delineation and threatened & endangered species survey, conducted public outreach, and collaborated closely with the prime and sub-consultants to successfully secure a Finding of No Significant Impact (FONSI) within a highly accelerated schedule.

TBS Team Members: Boyd Boswell, MS; Cy Toups, PE; Brady Trahan, PWS; Daniel Binet, PE

Project Relevance:

- ✓ Environmental Assessment (EA)
- ✓ FONSI
- ✓ Section 4(f) Evaluation
- ✓ Wetland Delineation
- ✓ Threatened & Endangered Species Survey & Consultation
- ✓ Public Involvement & Agency Coordination
- ✓ Alternatives Development & Environmental Integration



17. Firm Experience

Firm name:	 T. BAKER SMITH			Discipline(s)	Environmental, Road, Bridge
Project name:	Rural Bridge Replacement Initiative, Phase I & II - LADOTD Districts 04, 05, 08, 58			Firm responsibility (prime or sub?)	Prime
Project number	Multiple Numbers	Owner's name	Louisiana Department of Transportation and Development		
Project location	Statewide, LA		Owner's Project Manager	Valerie Tourres	
Owner's address, phone, email		1201 Capitol Access Rd., Baton Rouge, LA 70802; 225.379.1894; valerie.tourres@la.gov			
Services commenced by this firm (mm/yy)		Ph I 08/20 Ph II 05/21	Total consultant contract cost (\$1,000's)		Ph I \$6,952 Ph II \$7,282
Services completed by this firm (mm/yy)		Ph I 02/26 Ph II Ongoing	Cost of consultant services provided by this firm (\$1,000's)		Ph I \$4,470 Ph II \$4,585

As part of an overall effort by LADOTD to reduce the amount of structurally deficient bridges throughout the state as part of meeting FHWA metrics, LADOTD contracted TBS for the Rural Bridge Replacement Initiative, Phase I and Phase II projects, which replaced 87 bridge structures in 14 Parishes, primarily in North & Central Louisiana. The consultant contract was a complete turnkey project, and as the Prime Consultant, TBS is responsible for nearly all contract services, including environmental services, inspection, surveying, ROW, preliminary and final bridge plans, preliminary and final roadway plans, construction services, scour analysis, hydraulic analysis, load rating and permanent signing.

TBS provided all environmental services for the Rural Bridge Replacement Initiative projects. The scope of services included development of the Purpose and Need statements and evaluation of the social, economic, and environmental consequences of the build and no-build alternatives through a Categorical Exclusion (CE) document prepared in accordance with the National Environmental Policy Act (NEPA). Affected environments evaluated during these projects included wetlands, threatened and endangered species, hazardous materials, public lands, socio-economic, recreation resources, cultural resources, floodplains, and the physical environment. TBS also conducted wetland delineations on each bridge site and distributed Solicitation of Views (SOV's) requests to a comprehensive list of potential stakeholders and agencies. Upon receipt of an approved Programmatic Categorical Exclusion from LADOTD on each project, TBS prepared and submitted USACE (Section 404) Nationwide permit applications.

TBS Team Members: Andrée Cortez, PE, PMP; Boyd Boswell, MS; Cy Toups, PE; Victor Hernandez; Samantha Baier, CCP; Hunter Stover; Brodee Landry; Kenny Belou, PE; Daniel Binet, PE; Kelly Radecker, PE; Brady Smtih, PE, PMP; Daniel Fontenelle, PE

Project Relevance:

- ✓ Categorical Exclusions (CEs)
- ✓ Wetland Delineations
- ✓ USACE Section 404/10 Permitting
- ✓ Scenic Streams Permit
- ✓ Threatened & Endangered Species Surveys & Consultation
- ✓ Wetland Mitigation Planning
- ✓ Roadway & Bridge Design



17. Firm Experience

Firm name:				Discipline(s)	Environmental, Road
Project name:	LA 20 Widen: LA 307 – S Vacherie			Firm responsibility (prime or sub?)	Prime
Project number	H.013116	Owner's name	Louisiana Department of Transportation and Development		
Project location	St. James and Lafourche Parishes, LA		Owner's Project Manager	Corey Landry	
Owner's address, phone, email		1201 Capitol Access Rd., Baton Rouge, LA 70802; 225.379.1889; Corey.Landry@la.gov			
Services commenced by this firm (mm/yy)		02/14	Total consultant contract cost (\$1,000's)		\$2,958
Services completed by this firm (mm/yy)		06/23	Cost of consultant services provided by this firm (\$1,000's)		\$1,791

The LA 20 widening project is a safety project featuring asymmetrical roadway widening of the two-lane, rural arterial corridor from near LA 307 to South Vacherie, LA by adding 8' outside shoulders and widening travel lanes. TBS served as the Prime Consultant and conducted all environmental and design services, including preliminary and final bridge and roadway widening plans, structural design, bridge load rating, bridge hydraulic and scour design, permanent signing plans and details, right-of-way mapping, topographic surveying services, utility conflict analysis, utility relocation design, subsurface utility engineering (SUE) services (both Quality Level B and Quality Level A), and value engineering services. TBS worked closely with LADOTD, Parish, and LADOTD District personnel to determine areas where roadway grades required adjustment to account for flooding concerns.

TBS provided environmental services including wetland delineations, USCG coordination, permit drawing preparation, preparation of the Categorical Exclusion (NEPA) document, Public Meetings and related work. TBS was responsible for coordination of geotechnical investigation and design services including settlement analysis and specialty pavement section features due to the existing site conditions.

Additionally, TBS was responsible for all bridge design elements including the replacement of a 5-span reinforced concrete slab span bridge using split-phase construction and special design elements. TBS also worked hand-in-hand with DOTD to coordinate the DOTD in-house design of the LA 20/Bayou Chevreuil bridge, located near the center of the roadway widening project.

The roadway is surrounded by forested swamp land conditions for much of the project's three-mile length. Upon construction completion, this improved section of roadway will meet current Rural Arterial standards and provide increased recovery area for errant vehicles. The project is design complete. Construction is expected to be complete by Q4 2026.

TBS Team Members: Andrée Cortez, PE, PMP; Cy Toups, PE; Samantha Baier, CCP; Kenny Belou, PE; Daniel Binet, PE; Daniel Fontenelle, PE; Brady Smith, PE, PMP

Project Relevance:

- ✓ Categorical Exclusion (CEs)
- ✓ Wetland Delineation
- ✓ USACE Section 404/10 Permitting
- ✓ Coastal Use Permitting
- ✓ Threatened & Endangered Species Survey & Consultation
- ✓ Wetland Mitigation Planning
- ✓ Roadway Design



17. Firm Experience

Firm name:				Discipline(s)	Environmental
Project name:	Peters Road Bridge & Extension (Ph 3)			Firm responsibility (prime or sub?)	Sub
Project number	H.008069.5	Owner's name	Louisiana Department of Transportation and Development		
Project location	Jefferson & Plaquemines Parishes, LA		Owner's Project Manager	Kurt Brauner	
Owner's address, phone, email		1201 Capitol Access Rd., Baton Rouge, LA 70802, 225.379.1933, Kurt.Brauner@la.gov			
Services commenced by this firm (mm/yy)		08/25	Total consultant contract cost (\$1,000's)		\$3,439
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$1,001

The Peters Road Bridge project will extend Peters Road (LA 3017) from Jefferson Parish over the Intracoastal Canal and onto LA 23 in Plaquemines Parish. Phase 1 Construction and final design for Phases 2A and 2B have been completed. TBS is providing NEPA environmental and surveying services for Phase 3. TBS is under contract to provide comprehensive topographic, hydrographic, property, and right of way surveying for the Peters Road Bridge & Extension project, managing a 15,000 foot corridor that traverses developed areas, urban industrial zones, and environmentally sensitive waterways—conditions comparable to those found in dense urban bridge replacement projects.

TBS is completing a Supplemental Environmental Assessment (SEA) for the Peters Road Bridge & Extension project. The SEA includes an evaluation of the preferred alternative selected during an EA completed in 2004 for the proposed project. As part of the SEA, TBS performed a Navigational Study and Phase I Environmental Site Assessment and provided coordination and QA/QC of deliverables for additional studies (Wetland Delineation, Air & Noise, Conceptual Stage Relocation Plan, Cultural Resources Survey) required to complete the NEPA process. During the alternative analysis, detailed preliminary design of the project's bridges and roadway elements was prepared by BKL as part of the Line and Grade Analysis and Report and incorporated into the SEA Document. In addition, TBS completed the Solicitation of Views process, authored the draft SEA document, and coordinated the Public Meeting.

TBS Team Members: Cy Toups, PE; Boyd Boswell, MS; Kenny Belou, PE; Victor Hernandez; Samantha Baier, CCP

Project Relevance:

- ✓ Environmental Assessment (EA)
- ✓ Public Involvement & Agency Coordination
- ✓ Phase I ESA
- ✓ Navigational Study



17. Firm Experience

Firm name:			Discipline(s)	Other - Noise
Project name:	US 281 at SH71 Interchange Project		Firm responsibility (prime or sub?)	Sub
Project number	CSJ: 0252-02-058	Owner's name	Texas Department of Transportation, Austin District	
Project location	City of Marble Falls, Texas		Owner's Project Manager	Minhdang Bennett, P.E.
Owner's address, phone, email	7901 N. IH35, Austin, TX, 78753; (512) 952-8270; Minhdang.Bennett@txdot.gov			
Services commenced by this firm (mm/yy)	05/2020	Total consultant contract cost (\$1,000's)		\$10,000
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$1,000

WSP provided comprehensive noise analysis services for the reconstruction of the US 281 and SH 71 interchange, including traffic noise modeling, field measurements, noise impact assessments, and preparation of the project noise study report. The analysis was conducted in accordance with 23 CFR Part 772, FHWA Highway Traffic Noise: Analysis and Abatement Guidance (December 2011) and the Texas Department of Transportation (TxDOT) Highway Traffic Noise Policy.

WSP developed and calibrated the Traffic Noise Model (TNM) using project traffic and design data, coordinated field noise measurements along the corridor, and worked closely with roadway design and traffic engineering teams to support model development and analysis. The firm also collaborated with TxDOT throughout the study to evaluate potential noise abatement measures and ensure compliance with applicable state and federal requirements.

The analysis identified two areas along the corridor that were predicted to experience traffic noise impacts. WSP evaluated multiple noise barrier alternatives, coordinating with the project design team and TxDOT noise specialists to address design constraints associated with existing underground utilities. Through this process, four noise barriers were determined to meet TxDOT's feasibility and reasonableness criteria for noise abatement.

The project involved the reconstruction of the existing US 281 and SH 71 cloverleaf interchange into a two-level, grade-separated turbine configuration. Improvements included widening US 281 and SH 71 to four-lane divided highways with a depressed median, auxiliary lanes, and full shoulders. The project also incorporated two-lane frontage roads in each direction, along with shared-use paths for bicyclists and pedestrians, providing enhanced mobility and multimodal connectivity throughout the corridor.

Team Members: Michael Lieu

Project Relevance:

- ✓ TNM Noise Modelling
- ✓ Noise Abatement Analysis
- ✓ Benefitted Receptors Coordination

17. Firm Experience

Firm name:			Discipline(s)	Other - Cultural Resources
Project name:	Waterford 5 and 6		Firm responsibility (prime or sub?)	Prime
Project number	0257448	Owner's name	Entergy Mississippi, LLC	
Project location	St. Charles Parish, LA		Owner's Project Manager	Jeremy Halland
Owner's address, phone, email	Lake Front North II, The Woodlands, TX 77381; 972.743.9649; jhallan@entergy.com			
Services commenced by this firm (mm/yy)	7/25	Total consultant contract cost (\$1,000's)		\$228
Services completed by this firm (mm/yy)	07/26	Cost of consultant services provided by this firm (\$1,000's)		\$228

WSP was responsible for the cultural resources portion of larger project included survey of approximately 340 acres for the development of a generation facility adjacent to the boundary of the Waterford Plantation site, and architectural resources survey within 0.25 mile of the project. Darren Schubert served as Cultural Resources task manager, report coauthor and QA/QC; and Natalie Graves served as the architectural historian assessing the effects of the project on dozens of historic era residences.

Team Members: Darren Schubert, RPA; Natalie Graves, RPA

Project Relevance:

- ✓ Phase I Archeological & Above Ground Surveys
- ✓ APE Identification
- ✓ Effect Determinations and SHPO Consultation

17. Firm Experience

Firm name:				Discipline(s)	Environmental
Project name:	On-Call Consultants for Air Quality, Energy and Greenhouse Gases			Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	New York State Department of Transportation		
Project location	Various Statewide Locations		Owner's Project Manager	Carl Kochersberger	
Owner's address, phone, email		Environmental Science Bureau Office of Environment; Pod 2-2, 50 Wolf Road, Albany, NY 12232; 518.485.5316; carl.kochersberger@dot.ny.gov			
Services commenced by this firm (mm/yy)		2010	Total consultant contract cost (\$1,000's)		\$1,000 since 2010
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$100 / year

WSP has been the on-call air quality consultant for NYSDOT for more than 20 years, starting in 2010 and currently continuing until 2027. Under this contract, WSP has successfully completed a variety of tasks for NYSDOT. These include the following:

- CMAQtraq Model Update – CMAQtraq is a Microsoft Access database designed to organize and track information pertaining to Congestion Mitigation/Air Quality (CMAQ) funding applications. It is intended to assist NYSDOT in evaluating the relative air quality benefits between projects of different scope and size. The update consisted of replacing the MOBILE6.2 emission factor database within the model with an emission factor database generated from the MOVES2010b model. CMAQtraq was also restructured by WSP to allow for data queries including vehicle model year emissions, quantification of CO2 equivalent emissions and energy usage. WSP also delivered the revised CMAQtraq with a completely updated and redesigned User's Manual. WSP performed a second update to CMAQtraq in 2019-2020 to reflect MOVES2014b emission rates and provide additional features to the program. NYSDOT has requested a third update which would include updating the emission rate database to reflect emissions from MOVES5.
- Onondaga Lake Parkway (Route 370) Commercial Vehicle Diversion to Old Liverpool Road – WSP conducted the analysis of this proposed project in Onondaga County, which would exclude all commercial vehicles from Onondaga Lake Parkway (Route 370) and divert them to Old Liverpool Road. The overall objective of excluding all commercial vehicles on Onondaga Lake Parkway was to increase the safety of the travelling public by avoiding bridge strikes on Route 370. The analyses conducted for this project consisted of a particulate matter (PM) microscale dispersion modeling analysis to evaluate the PM10 and PM2.5 impacts of diverting all commercial vehicles to Old Liverpool Road. This analysis was performed in accordance with methodologies presented in Chapters 1.1 and 1.2 of NYSDOT's Environmental Procedures Manual (EPM).
- Orange County Transportation Council 2014-2018 TIEmissions Analysis – WSP conducted a regional emissions analysis of the Orange County Transportation Council (OCTC) 2014-2018 Transportation Improvement Program (TIP) and 2040 Long Range Transportation Plan for particulate matter 2.5 microns in diameter or less (PM2.5) and nitrogen oxides (NOx). The analysis was based on traffic data from the OCTC travel demand model (OCTC TDM), which was supplied by OCTC through NYSDOT for analysis years 2014, 2017, 2025, 2035 and 2040. Estimates of annual direct PM2.5 and annual NOx resulting from the OCTC travel demand model were calculated using EPA's MOVES2010b. The emissions modeling was performed per guidance issued by the EPA, and it used the most recent emission model input parameters for Orange County as developed by the New York State Department of Environmental Conservation (NYSDEC) along with project specific speed distribution files and HPMS Vehicle Type files. The county level emissions inventory mode of MOVES2010b was used to generate the emission burdens for each analysis year.

Team Members: Edward Tadross, ERV SP, PMP; Rebecca Frohning

Project Relevance:

- ✓ Mobile Air Source Analysis
- ✓ EPA MOVES Dispersion Modelling
- ✓ MSAT Screening
- ✓ Greenhouse Gas Analysis

17. Firm Experience

Firm name:			Discipline(s)	Traffic
Project name:	South Range Road Safety and Operational Enhancements Stage 0		Firm responsibility (prime or sub?)	Prime
Project number	T-1.24RR	Owner's name	New Orleans Regional Planning Commission	
Project location	Tangipahoa Parish, LA		Owner's Project Manager	Nelson Hollings
Owner's address, phone, email	10 Veterans Boulevard, New Orleans, LA 70124; 504-483-8523; nhollings@norpc.org			
Services commenced by this firm (mm/yy)	12/23	Total consultant contract cost (\$1,000's)		\$55
Services completed by this firm (mm/yy)	07/24	Cost of consultant services provided by this firm (\$1,000's)		\$40

The purpose of this study was to conduct a corridor analysis along this portion of Range Road in the Hammond area of Tangipahoa Parish. This study examined the specific operating conditions of the intersection of Old Covington Highway and Range Road, land uses and operations or nearby trip generating land uses, and to identify conceptual, feasible improvements at and adjacent to the intersection that would enhance the safety and operations of all roadway users of said corridor.

Project Relevance:

- ✓ Data Collection
- ✓ Traffic Study
- ✓ Safety Analysis

Task 1 Data Collection

Vectura collected the following traffic data for 10 intersections:

- Seven-day (mainlines) and two-day (side streets) 24-hour tube counts with vehicle classification
- Seven-day pedestrian counts
- 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 using TransCAD data

Task 2 Traffic Study

This task included the following elements:

- Performed Synchro analyses for existing conditions
- Performed Synchro analyses for implementation and design years
- Developed draft traffic study report

Task 3 Safety Analyses

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

Personnel Utilized on this project: Kristen Farrington; Gustavo Clavijo; Reece Rodrigue; Brin Ferlito; Laurence Lambert

17. Firm Experience

Firm name:				Discipline(s)	Traffic
Project name:	Stage 0 Feasibility Study – US 190/Fremaux Avenue Sidewalk Study			Firm responsibility (prime or sub?)	Sub
Project number	H.972462.1	Owner's name	New Orleans Regional Planning Commission		
Project location	Slidell, LA		Owner's Project Manager	Nelson Hollings	
Owner's address, phone, email		10 Veterans Boulevard, New Orleans, LA 70124; 504-483-8523; nhollings@norpc.org			
Services commenced by this firm (mm/yy)		12/23	Total consultant contract cost (\$1,000's)		\$65
Services completed by this firm (mm/yy)		07/24	Cost of consultant services provided by this firm (\$1,000's)		\$30

Vectura prepared a formal traffic study to determine the feasibility of constructing a sidewalk along US 190 in Slidell, LA. The traffic study examined concepts that improved the safety and efficiency for bicyclists and pedestrians consistent with the latest DOTD policies related to access management and complete streets.

Task 1 Data Collection

Vectura collected the following traffic data for 10 intersections:

- Seven-day (mainlines) and two-day (side streets) 24-hour tube counts with vehicle classification
- Seven-day pedestrian counts
- 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 using TransCAD data

Task 2 Traffic Study

This task included the following elements:

- Performed Synchro analyses for existing conditions
- Performed Synchro analyses for implementation and design years
- Developed draft traffic study report

Task 3 Safety Analyses

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

Personnel Utilized on this project: Kristen Farrington; Gustavo Clavijo; Brin Ferlito; Laurence Lambert

Project Relevance:

- ✓ Data Collection
- ✓ Traffic Study
- ✓ Safety Analysis

17. Firm Experience

Firm name:				Discipline(s)	Traffic
Project name:	Stage 0 Roundabout Feasibility Studies in the Lafayette Area			Firm responsibility (prime or sub?)	Sub
Project number	H.004490	Owner's name	Acadiana Planning Commission		
Project location	Lafayette, LA		Owner's Project Manager	Chris Cole	
Owner's address, phone, email		101 Jefferson Street, Lafayette, LA 70501; (337) 806-9363; ccole@planacadiana.org			
Services commenced by this firm (mm/yy)		05/16	Total consultant contract cost (\$1,000's)		~\$200
Services completed by this firm (mm/yy)		09/17	Cost of consultant services provided by this firm (\$1,000's)		\$80

Vectura provided Stage 0 Feasibility Studies for Roundabouts at 10 intersections in the Lafayette area. The scope was developed based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual (TEM) Section 20.2.

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 w/ classification
- Turning movement counts for morning and evening peak periods
- Radar speed studies

Task 2 Traffic Study

This task included a roundabout study as defined in EDSM VI.1.1.5, VI.1.1.1 and DOTD TEM Section 20.2. This task included the following elements:

- Developed growth rate methodology and AM and PM peak traffic volumes for Implementation Year and Design Year
- Performed Traffic Signal Warrants analyses
- Developed Sidra Analyses for unsignalized, signalized and roundabout alternatives for Implementation and Design Year
- Developed 3-year crash analyses
- Developed Draft Traffic Study Report (2 copies)

Task 3 Project Management

This task included a kickoff meeting by conference call as well as 2 progress conference calls as needed.

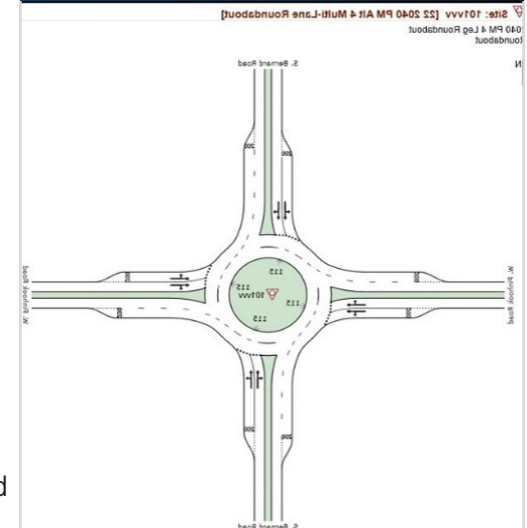
Task 4 Final Traffic Study and Deliverables

Comments from the draft Traffic Study were addressed in this task. Two copies of the Final Traffic Study and electronic files were submitted.

Personnel Utilized on this project: Brin Ferlito; Laurence Lambert; Bridget Robicheaux

Project Relevance:

- ✓ Data Collection
- ✓ Traffic Study
- ✓ Project Management
- ✓ Final Traffic Study & Deliverables



17. Firm Experience

Firm name:	 4526 Inverness Avenue, Suite 6 Baton Rouge, Louisiana 70809 (225) 248-0964 www.lakvoldgroup.com			Discipline(s)	Appraiser
Project name:	I-10 Calcasieu River Bridge, Public-Private Partnership			Firm responsibility (prime or sub?)	Sub
Project number	H.003931	Owner's name	TRC Companies, Inc.		
Project location	Calcasieu Parish, Louisiana		Owner's Project Manager	Geoff Wilson, P.E.	
Owner's address, phone, email		7915 Wrenwood Boulevard, Suite C, Baton Rouge, Louisiana 70809; 225-205-6869; wilson@trccompanies.com			
Services commenced by this firm (mm/yy)		01/25	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)		01/26	Cost of consultant services provided by this firm (\$1,000's)		\$10,000

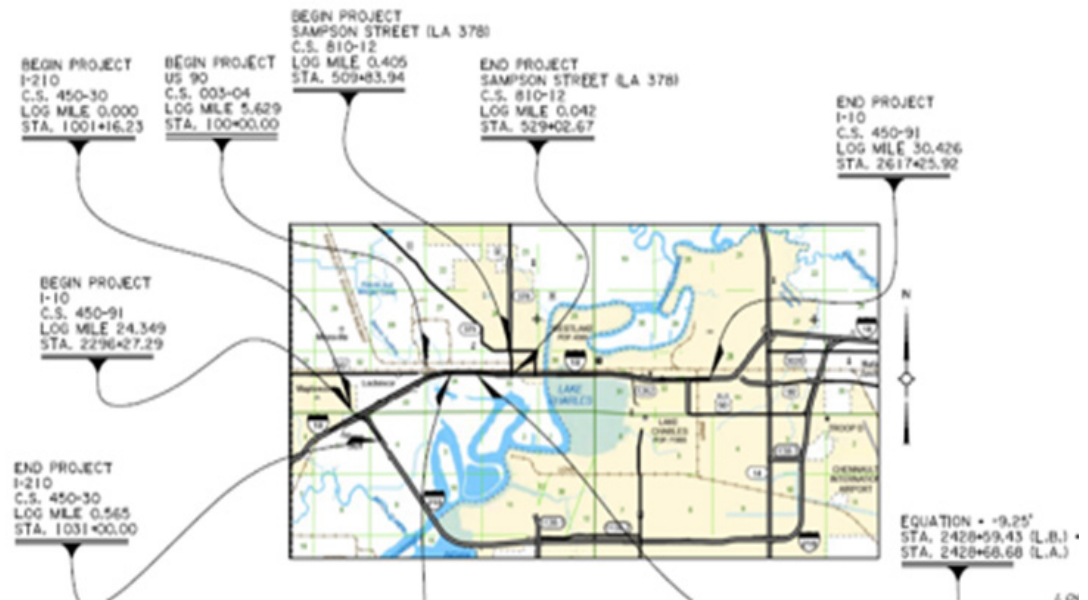
Firm's Role: Completed Conceptual Stage Relocation Plan in 2025 based on various preliminary information. Updated the cost of real estate impacts in 2026 based on final right-of-way maps. The plan included viewing the projects area, analyzing real estate impacts, determining potential relocations, researching the market area and real estate inventory.

Project Management and Final Transportation Study Deliverables: These tasks included completing the Conceptual Stage Relocation Report for review and inclusion in the Environmental Assessment.

Firm Members Involved: Angela Lemoine-Lakvold, MAI, SRA, R/W-AC, MBA

Project Relevance:

✓ Conceptual Stage Relocation Plan



17. Firm Experience

Firm name:				Discipline(s)	Appraiser
Project name:	New Orleans Gateway Program – Jefferson Highway Rail Crossing			Firm responsibility (prime or sub?)	Sub
Project number	H.005168	Owner's name	Michael Baker International, Inc.		
Project location	Jefferson Parish, Louisiana		Owner's Project Manager	Christopher G. Gesing, P.E.	
Owner's address, phone, email		100 Airside Drive, Moon Township, PA 15108-2783; 412-551-3503; cgesing@mbakerintl.com			
Services commenced by this firm (mm/yy)		03/24	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)		01/25	Cost of consultant services provided by this firm (\$1,000's)		\$10,600

Firm's Role: Completed Conceptual Stage Relocation Plan in 2024 based on preliminary information. Updated the plan after consultant with various government entities with regard to railroad issues. The plan included viewing the project area, analyzing real estate impacts, determining potential relocation, researching the market area and real estate inventory.

Project Management and Final Transportation Study Deliverables: These tasks included completing the Conceptual Stage Relocation Report for review and inclusion in the Environmental Assessment.

Firm Members Involved: Angela Lemoine-Lakvold, MAI, SRA, R/W-AC, MBA

Project Relevance:

✓ Conceptual Stage Relocation Plan



17. Firm Experience

Firm name:	 4709 Independence Avenue, Suite 6 Baton Rouge, Louisiana 70808 (225) 348-9988 www.thelakvoldgroup.com			Discipline(s)	Appraiser
Project name:	Pecue Lane/I-10 Interchange			Firm responsibility (prime or sub?)	Sub
Project number	H.003047	Owner's name	City of Baton Rouge – Parish of East Baton Rouge		
Project location	East Baton Rouge Parish, Louisiana		Owner's Project Manager	Fred Raiford	
Owner's address, phone, email		222 Saint Louis Street, 8th Floor, Baton Rouge, Louisiana 70821; 225-389-3159; fraiford@brla.gov			
Services commenced by this firm (mm/yy)		01/19	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)		01/21	Cost of consultant services provided by this firm (\$1,000's)		\$72,300

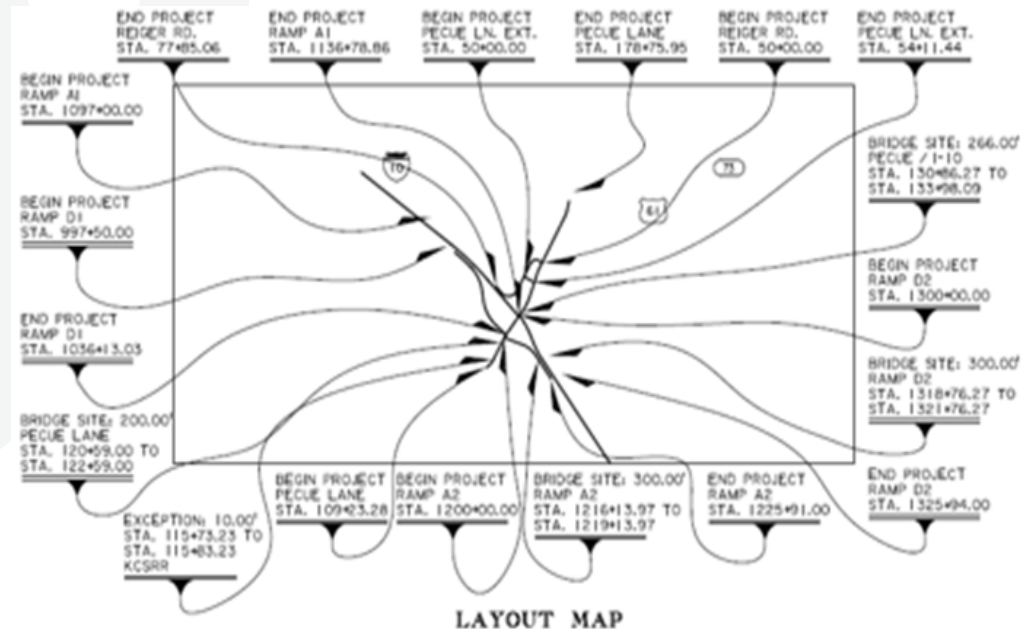
Firm's Role: Completed appraisals for the acquisition of the right-of-way for the construction of a new interstate interchange and upgrades and extension of existing roadways.

Project Management and Final Transportation Study Deliverables: These tasks included meeting with property owners, cost consultants, and project managers. Analysis and research of the real estate market and completion of individual appraisals on the various parcels. Appraisals were revised based on map revisions.

Firm Members Involved: Angela Lemoine-Lakvold, MAI, SRA, R/W-AC, MBA

Project Relevance:

- ✓ Appraisals
- ✓ Public Outreach



17. Firm Experience

Firm name:	emergent method		Discipline(s)	Other – Public Outreach and Agency Coordination
Project name:	DOTD Highway Priority Program		Firm responsibility (prime or sub?)	Prime
Project number	4400033750	Owner's name	Louisiana Department of Transportation and Development	
Project location	Baton Rouge, LA		Owner's Project Manager	Peggy Jo Paine
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802; 225.379.1200; Peggy.Paine@la.gov			
Services commenced by this firm (mm/yy)	09/25	Total consultant contract cost (\$1,000's)		\$149
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$122

Emergent Method provides strategic communications, public outreach, graphic design, and program management support for the Louisiana Department of Transportation and Development's (DOTD) Highway Priority Program. Our team has developed a comprehensive suite of communication materials to translate complex infrastructure, funding, and project scheduling information into clear, accessible resources that supported legislative approval, stakeholder engagement, and public understanding of the program. This included managing the copywriting, graphic design, and production of the official Highway Priority Program Guide, transforming technical and regulatory content into a polished, user-friendly publication.

We have also developed presentation materials and strategic messaging for DOTD leadership during the legislative approval process, supported regional outreach efforts through coordination and communications collateral for the program's statewide road show, and created visually engaging one-pagers, infographics, and custom graphics to communicate program priorities, regional impacts, and funding allocations. In addition, we designed specialized communication tools and creative collateral to highlight critical infrastructure projects and reinforce the broader goals and value of the Highway Priority Program.

Team Members: Keesler Morrison; Maggie Clark; Jacqueline Foreman; Gabrielle Gautreaux

Project Relevance:

- ✓ Strategic communications
- ✓ Public Outreach
- ✓ Graphic Design
- ✓ Program Management Support



17. Firm Experience

Firm name:	emergent method			Discipline(s)	Other - Public Outreach and Agency Coordination
Project name:	DOTD CURRENT Authority Support			Firm responsibility (prime or sub?)	Prime
Project number	4400033750	Owner's name	Louisiana Department of Transportation and Development		
Project location	Baton Rouge, LA		Owner's Project Manager	Peggy Jo Paine	
Owner's address, phone, email		1201 Capitol Access Road, Baton Rouge, LA 70802; 225.379.1200; Peggy.Paine@la.gov			
Services commenced by this firm (mm/yy)		\$149	Total consultant contract cost (\$1,000's)		\$30
Services completed by this firm (mm/yy)		\$122	Cost of consultant services provided by this firm (\$1,000's)		N/A

During Louisiana's 2025 Regular Legislative Session, the Legislature established the CURRENT Authority and charged it with developing a statewide Master Plan. Emergent Method is supporting the newly formed CURRENT Authority Board by providing program management, strategic coordination, public information and outreach, stakeholder engagement, and strategic communications services to help launch the Authority and guide development of its inaugural Master Plan. Our team is assisting the Board in establishing foundational governance and operational processes, coordinating planning activities, and supporting strategic decision-making as the Authority begins its work.

We are also developing and implementing a comprehensive public outreach strategy to build awareness of the Authority's mission, legislative mandate, and planning process across Louisiana, while leading stakeholder engagement efforts with state agencies, local governments, industry partners, community organizations, and the public to ensure broad participation and diverse perspectives inform the Master Plan. In addition, Emergent Method manages the Authority's communications program, including message development, press materials, public-facing content, presentations, and ongoing communications that promote transparency and maintain consistent engagement with stakeholders and the public throughout the planning process.

Team Members: Keesler Morrison; Jacqueline Foreman; Gabrielle Gautreaux

Project Relevance:

- ✓ Program Management
- ✓ Strategic Coordination
- ✓ Public Information & Outreach
- ✓ Stakeholder Engagement
- ✓ Strategic Communications



17. Firm Experience

Firm name:	emergent method		Discipline(s)	Other - Public Outreach and Agency Coordination
Project name:	Louisiana Watershed Initiative		Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Louisiana Office of Community Development	
Project location	Baton Rouge, Louisiana		Owner's Project Manager	Gina Campo
Owner's address, phone, email	617 N. Third St., Baton Rouge, LA 70802; 225.342.1717; Gina.Campo@la.gov			
Services commenced by this firm (mm/yy)	05/21	Total consultant contract cost (\$1,000's)		\$887 5/2021; \$580 5/2024; \$200 ongoing
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$1,600

Following the historic 2016 floods, state agencies were tasked with reevaluating flood mitigation in Louisiana, leading to the 2018 launch of the Louisiana Watershed Initiative as the long-range vision for the coordinated efforts to mitigate flood risk through watershed-based solutions. Emergent Method supported the Louisiana Office of Community Development (OCD) in the initial research, organizational design, and launch of the Louisiana Watershed Initiative (LWI), including supporting technical reports and studies informing the strategy and framework for watershed-based flood risk management. Our team also developed the brand and comprehensive communication and engagement plan providing a detailed roadmap for internal and external coordination.

Additionally, we established and maintain the LWI's digital presence, including the website, social media channels, and email marketing platform. Recently, our web designers created a project dashboard, scheduled for release in third quarter 2024, and an interactive project map that allows viewers to see all funded LWI projects, including descriptions, costs, and real time updates with the click of a button.

Today, Emergent Method continues to spearhead strategic communication and stakeholder engagement efforts for ongoing LWI programs, projects, and policy efforts that support coordinated flood risk reduction across the state. This work ranges from communicating technical modeling data and helping communities understand their flood risk to supporting workforce development initiatives cultivating a labor force skilled in resilience occupations and creating deliverables and digital tools that articulate LWI's progress. Communication outreach efforts target elected officials, public agency leaders, regional planning organizations, developers, property owners, business and industry, and water management organizations and nonprofits, as well as low- to moderate-communities, where a large percentage of federal mitigation funds must be spent.

Team Members: Annie Landry

Project Relevance:

- ✓ Organizational Design
- ✓ Strategic Research & Supporting Technical Reports/Studies
- ✓ Brand Development
- ✓ Comprehensive Communication & Engagement Plan
- ✓ Internal & External Communication Coordination
- ✓ Stakeholder Engagement

SECTION 18



18. Approach and Methodology

PROJECT TEAM OVERVIEW

The T. Baker Smith (TBS) Team brings a partnership to LADOTD with years of experience delivering successful projects ahead of schedule, within budget, and in strict accordance with all applicable regulatory requirements and permitting processes that facilitate the implementation of LADOTD projects in a manner that minimizes environmental impacts to the greatest extent possible. **Our staff has extensive experience with LADOTD's Environmental Section from our work over 150+ projects since 2020.** TBS will serve as the prime consultant, supported by WSP USA, Inc. for air, noise, and cultural studies; Vectura Consulting Services, LLC for traffic engineering; Lakvold Group for the Conceptual Stage Relocation Plan; and Emergent Method to provide public outreach assistance. These teaming partners were selected for their demonstrated LADOTD project experience and for their ability to integrate seamlessly with TBS staff based on current working relationships. Together, our team combines local expertise, strong coordination, and scalable resources to efficiently support multiple concurrent task orders.

PROJECT APPROACH

Pre-NEPA, Feasibility, and General Environmental Services

Upon receipt of a task order request, the TBS IDIQ Project Manager will respond within one business day to confirm receipt and coordinate a scoping meeting with LADOTD. This meeting will establish project purpose, limits, stakeholders, funding considerations, and schedule expectations. Following the scoping meeting, TBS develops a Project Management Plan (PMP) outlining scope, schedule, staffing, communication protocols, QA/QC procedures, and risk management strategies. Task breakdowns and manhour estimates are developed using standardized internal templates. TBS will initially perform desktop research, field reconnaissance, data collection, and preliminary environmental screenings to identify potential environmental constraints,

permitting requirements, and project risks during the early planning stages. Available GIS resources, agency databases, environmental records, and site observations will be evaluated to develop a comprehensive understanding of existing conditions and identify issues that may affect project development or regulatory compliance. TBS will prepare environmental screening reports, checklists, maps, and other supporting documentation summarizing findings and providing recommendations for subsequent environmental studies, permitting, or project planning.

NEPA Class-of-Action Development and Documentation

Upon completion of the preliminary project review and scoping, TBS will identify applicable environmental requirements and determine whether National Environmental Policy Act (NEPA) compliance is required for the proposed action. For projects requiring NEPA review, TBS will evaluate the project in accordance with the applicable provisions of the NEPA and Federal Highway Administration (FHWA) regulations to determine whether preparation of a Categorical Exclusion (CE), Environmental Assessment (EA), or Environmental Impact Statement (EIS) represents the appropriate level of environmental documentation. For projects not requiring NEPA compliance, TBS will proceed with the environmental permitting, agency coordination, and regulatory approval processes necessary to support project delivery.

TBS will prepare and submit the Solicitation of Views (SOV) package which will include a project description and location map to be distributed to federal, state, and local agencies, organizations, and individuals whose expertise may assist with the identification of possible adverse concerns within the project area.

All environmental documents, supporting technical studies, responses to agency and public comments, and decision documents, including FONSI, Records of Decision (RODs), and supplemental analyses, will be prepared to

support LADOTD and FHWA review, approval, and final environmental clearance.

Resource Specific Technical Analyses

The TBS Team will conduct analyses of the existing conditions and determine potential impacts to a multitude of resources that may include but are not limited to, natural resources, cultural resources, transportation resources, environmental resources, and community resources. These items typically require the production of a separate document in addition to the CE/EA/EIS, and findings will be provided via technical reports. A study area encompassing the entire range of potential alternatives will be developed as the boundary for these technical analyses.

WETLANDS will be delineated in accordance with the current United States Army Corps of Engineers (USACE) Wetland Delineation Manual and USACE Atlantic and Gulf Coastal Plain Regional Supplement. Potential wetlands within the study area will be initially identified via desktop investigations using aerial and infrared photography, U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory maps, Natural Resources Conservation Service (NRCS) soil maps, and other available resources. A field survey will be conducted, and field-delineated wetland boundaries will be documented with sub-meter capable GPS units, then mapped using current USACE GIS/wetland mapping guidelines.



TBS prepares **PERMITTING** applications and associated drawings for each applicable regulatory agency identified in the scoping phase.

18. Approach and Methodology

Applicable regulatory agencies are inclusive of, but not limited to, the Louisiana Department of Conservation and Energy (LDCE), USACE (Section 10/404), USACE (Section 408), Louisiana Department of Environmental Quality (LDEQ), levee districts, and local parish permitting as well as all the commenting regulatory agencies that participate in the “interagency” approval process. The TBS Team will also prepare Stormwater Pollution Prevention Plans (SWPPP) for construction activities, prepare notices of intent, and conduct construction phase SWPPP inspections where applicable.

TBS will complete a desktop **THREATENED AND ENDANGERED (T&E) SPECIES** review for the project area using the U.S. Fish and Wildlife Service’s (USFWS) Information for Planning and Consultation (IPaC) database for each alternative. Field surveys will also be conducted to determine the presence or absence of protected species and/or their habitat, if required. A Biological Survey Report documenting field survey methods, conclusion, and recommendations will be prepared, and concurrence from the appropriate USFW Ecological Services Field Office will be obtained, if necessary.

The TBS Team will perform **PHASE I CULTURAL RESOURCE INVESTIGATIONS** in accordance with Section 106 of the National Historic Preservation Act, 36 CFR Part 800, the Louisiana Comprehensive Archaeological Plan, and applicable LADOTD, FHWA, and Louisiana Division of Archaeology requirements. In coordination with LADOTD and FHWA, we will assist in defining the Area of Potential Effects (APE), conduct archival research, review existing cultural resource records, and complete Phase I archaeological and historic standing structure surveys to identify and evaluate resources that may be eligible for listing on the National Register of Historic Places (NRHP). Archaeological sites, historic structures, and recovered artifacts will be documented, analyzed, recorded, and prepared for curation in accordance with state standards, with recommendations provided for any additional investigations that may be warranted.

The TBS Team will prepare all required site forms, inventory forms, maps, technical reports, and supporting documentation, including NRHP eligibility recommendations and assessments of potential project effects, for LADOTD review and subsequent coordination with FHWA and the Louisiana State Historic Preservation Officer (SHPO). If resources requiring additional evaluation or mitigation are identified, we will provide Phase II and Phase III investigations or adverse effect resolution, with subsequent services performed under the direction of LADOTD.

All publicly owned recreational and park lands, wildlife and waterfowl refuges, and historic sites will be identified and delineated. TBS will research, analyze, and document compliance with **SECTIONS 4(F) AND 6(F)** of the DOT Transportation Act. We will also identify resources built using the Land and Water Conservation funds. If such resources are present, the TBS Team will prepare all documentation for the coordination with the appropriate agencies.

TRAFFIC NOISE STUDIES will be conducted for the alternatives being considered in the NEPA

assessment. Existing noise conditions will be measured, and the latest FHWA approved Traffic Noise Model (TNM) will be used. The LADOTD’s latest Highway Traffic Noise Policy will be applied to the noise analysis. Noise sensitive land uses such as potentially impacted residences, businesses, recreation areas, schools, and churches in the vicinity of the build alternatives will be identified during a field survey. The noise study will document the monitoring results, identify other noise sources in the corridor, demonstrate calibration of the computer model, and provide a discussion of predicted noise levels for each alternative. The noise study will also include an analysis of the reasonableness and feasibility of considered abatement measures.

An **AIR QUALITY ANALYSIS** will be conducted to evaluate impacts of the proposed action on air quality in the region. Information on existing air quality conditions will be obtained from the LDEQ. Discussions concerning conformity (transportation and general) will be included in the air analysis. A project-level air analysis will be prepared by utilizing the Environmental Protection Agency (EPA) Moves dispersion model software.

NATURAL RESOURCES	CULTURAL RESOURCES	TRANSPORTATION RESOURCES	ENVIRONMENTAL RESOURCES	COMMUNITY RESOURCES
 Wetlands Delineation	 Section 106 Compliance	 Traffic Operations & Forecasting	 Air Quality Analysis	 Social & Economic Impacts
 Threatened & Endangered Species	 Archaeological Investigations	 Traffic Noise Analysis	 Phase I Environmental Site Assessment	 Land Use & Community Services
 Floodplains & Water Resources	 Historic Structures & Architecture	 Bicycle & Pedestrian Facilities	 Hazardous Materials & Waste Sites	 Recreation & Park Lands
 Wildlife Habitat & Waterfowl Refuges	 Historic Landscapes & Districts	 Safety & Roadway Analysis	 SWPPP Development & Inspections	 Visual Resources & Aesthetics
 Farmlands & Water Resources	 Section 4(f) & 6(f) Evaluation	 Navigation & USCG Studies	 Permitting & Regulatory Compliance	 Demographic & Socioeconomic Data
 Findings are documented in technical reports that support the CE, EA, or EIS and inform decision-making.			 • Data-driven analysis • Alternatives evaluation • Clear documentation  Defensible Results & Informed Decisions	

18. Approach and Methodology

The TBS Team will conduct a **PHASE I ENVIRONMENTAL SITE ASSESSMENT (ESA)** Report in accordance with the most recent ASTM International Standard (E1527-21). The Phase I ESA will have four primary components: review of historical sources and regulatory databases, site reconnaissance, interviews of property owners/occupants/operators and appropriate government agencies, and preparation of the report and recommendations.

The TBS Team will evaluate the **SOCIAL AND ECONOMIC IMPACTS**, including any adverse effects of the proposed actions, on the local community. The TBS Team will collect compiled summary demographics on the project area. Discussion will include anticipated permanent and temporary impacts of the proposed project on the established business districts, land uses, community services/facilities, and residents in the project vicinity, as well as impacts to planned developments known by public officials at the time of data collection.

The TBS Team will conduct **USCG NAVIGATIONAL STUDIES** to review the vertical and horizontal clearances potentially impacting navigable waterways and other nearby routes. Existing hydrographic, vessel traffic, accident, and USCG bridge guide clearance data will be used in lieu of a field survey. A list of stakeholders, including businesses and other maritime interests, will be identified and consulted with regards to clearance and other navigational requirements.

Additional resources to potentially be evaluated, may include but are not limited to, farmlands, community cohesion, water resources, visual resources and floodplains. Items of special or local interest will be noted and evaluated within the context of each project.

Public Involvement and Agency Coordination

Our approach to public outreach and agency coordination emphasizes transparency, collaboration, and continuous engagement throughout the project lifecycle to build trust, reduce resistance, and create lasting buy-in. Key strategies we believe will be critical to effective

public outreach for any LADOTD project include Stakeholder Identification and Influence Mapping, Two-Way Communication and Active Listening, Change Management and Resistance Mitigation, Feedback Integration, Tracking and Execution of Strict Compliance Requirements, Targeted Messaging and Education, and Champion and Coalition Development.

Where required, The TBS Team will prepare Public Involvement Plans consistent with federal and state guidelines for adequately addressing the needs of the public. Where Public Meetings and/or Hearings are required, all arrangements including location, time, handouts, preparation and mailing of notices, preparation of appropriate exhibit and technical presentations will be made by The TBS Team.

The TBS Team will also conduct the Public Meeting/Hearing and ensure that knowledgeable informed staff are present to address queries of the public with regards to environmental, engineering, and other project related issues. As the purpose of the Public Meeting is to assist the public in understanding how the project fits into and impacts their community, exhibits aiding in the visualization of each alternative of the project at the Public Meeting/Hearing will be the responsibility of the TBS Team. The TBS Team will record and prepare a transcript of recorded statements, prepare copies of meeting materials, copies of official notice/press releases/and proof of publication, sign-in sheets, written comments, and other meeting materials.



Alternatives Development and Engineering-to-Environmental Integration

The TBS Team will develop a purpose and need statement in accordance with FHWA guidance and through collaboration among LADOTD, FHWA, and the project team. Other relevant supporting information that may be included in the discussion of the project's purpose and need will include vehicle capacity needs, system linkage needs, transportation demand, social demands, economic development, modal interrelationships, congestion, safety, and roadway deficiencies.

A line and grade study will be developed to determine both direct and indirect impacts of the proposed alternatives. A vertical alignment study will be prepared for each proposed alternative using LIDAR DTM or equal data to create the existing surface. The vertical alignment will consider above ground and below ground utilities and major drainage or structure locations. The line and grade study will be included as part of the environmental document and will contain design criteria, plan and profile displays, typical roadway and bridge sections, cost estimates for right of way, utility relocation, engineering, and construction.

The TBS Team will prepare a Conceptual Stage Relocation Plan (CSRP) in accordance with the requirements of the LADOTD's Office of Right of Way Operations Manual and 49 CFR Part 24 § 24.205a. We will develop the CSRP by reviewing project mapping, property ownership information, and right-of-way requirements to identify potential acquisition and relocation impacts. Field reconnaissance and market research will be conducted to document existing site conditions, evaluate affected residential and commercial properties, determine appraisal and specialty valuation needs, and estimate property values using comparable sales data. Demographic and market information will be compiled to support the analysis, and the findings will be organized into spreadsheets, maps, and supporting documentation. The draft CSRP will summarize the methodology, analyses, and anticipated relocation impacts.

18. Approach and Methodology

NEPA Process Management and Specialty Services

The TBS Team will identify all applicable permits and certifications likely to be required for the proposed project alternatives and address the issues relevant to such permits or future coordination that may be needed. A summary of all permits, mitigations, and commitments will be provided in the NEPA document. Where impacts to resources such as wetlands could occur, TBS will coordinate agency mitigation requests by developing mitigation plans or coordinating with mitigation banks. TBS will assist in calculating mitigation impacts, coordination of mitigation bank contracts, and gaining of agency approval for project specific mitigation plans.



Traffic Analyses

The TBS Team will compile and evaluate all available traffic, pedestrian, bicycle, and safety data, coordinate with LADOTD to confirm study data requirements, and collect any additional field data needed to support the analysis. Existing datasets from LADOTD, the Metropolitan Planning Organization (MPO), local agencies, and previous studies will be reviewed to identify reusable information, with data locations, types, and collection dates documented to determine data adequacy and identify gaps. Coordination with LADOTD, the MPO, and local jurisdictions will also identify planned transportation projects and developments that could influence existing and future traffic conditions, with findings confirmed during a Data Collection Meeting. Using approved travel demand models and guidance from NCHRP Report 765, the team will develop Existing, No Build, and Build traffic forecasts in coordination

with LADOTD and the MPO to ensure reasonable traffic distributions and growth assumptions. The task will conclude with documentation of data collection methods, peak period analyses, queue and unmet demand observations, traffic volume development, and supporting technical appendices for LADOTD review and approval.

Non-Federal Aid Project Delivery

The TBS Team will coordinate with LADOTD, regulatory agencies, resource agencies, and project stakeholders to identify applicable environmental requirements and develop an efficient project delivery strategy. This includes a preliminary project screening to determine the appropriate level of environmental review and whether NEPA compliance is required. For projects not subject to NEPA, TBS will apply its extensive regulatory compliance experience to obtain the necessary approvals through standard agency coordination and permitting processes. Environmental investigations, technical analyses, public outreach, and other technical studies described herein will be conducted as needed to support permit applications, agency consultations, and regulatory approvals. The TBS Team will prepare all required environmental deliverables and maintain regular communication with LADOTD and regulatory agencies to support timely project advancement and environmental compliance.

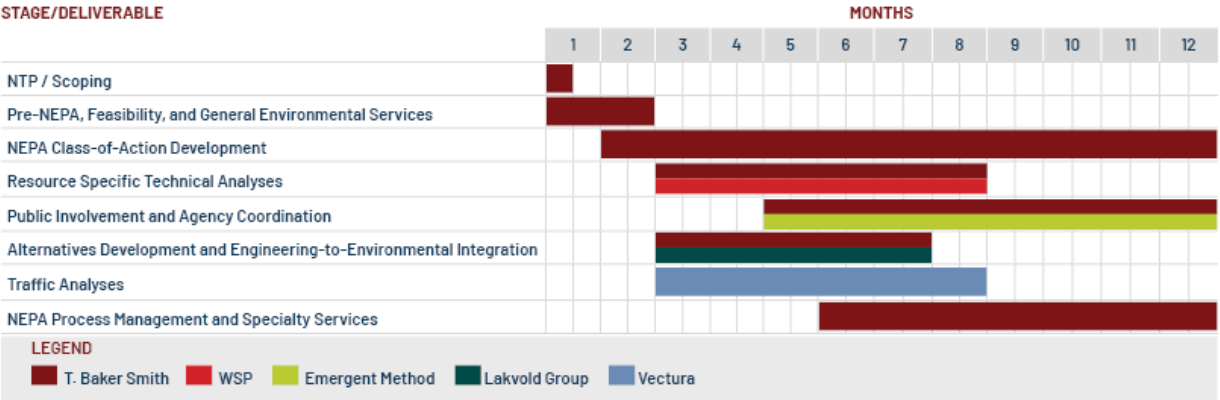
CONCLUSION

Our experience, resources, and commitment to excellence make us uniquely qualified to provide the highest level of service for these types of projects. We understand the scope and magnitude of work involved and have assembled an industry leading team of consultants to ensure that LADOTD's expectations are met.

QA/QC

TBS approaches every project with QA/QC at the forefront, and we are committed to LADOTD's QA/QC policies. Our project schedule will include QA/QC review times, and we have designated a Quality Control personnel for the project. Review and Comment forms are utilized at every submittal stage not only for LADOTD comments, but for internal QC comments prior to submittals. Our QA/QC process has greatly contributed to the success of many large-scale projects completed for LADOTD.

SCHEDULE – NEPA COMPLIANCE



**SECTIONS
19-23**

19. Workload

Firm(s) All firms must be represented in this table	Discipline(s)	Contract Number and State Project Number	Project name	Remaining Unpaid Balance
	Bridge	4400013407 / H.013199	Country Estates Dr. Over St. Louis Bayou	\$2,000
		4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$21,634
	CE&I/OV	4400025760 / H.011137	I-12: LA 1077 to LA 21 (CE&I)	\$427,546
		4400031038 / H.015308	I-49: I-10 - St. Landry P/L	\$193,598
		4400031921 / H.014643.6	LA 39: W. Judge Perez Dr. Enhancements (CE&I)	\$60,504
		4400032799 / H.015562.6	Veterans Memorial Blvd: LA 49-Roosevelt (CE&I)	\$36,226
	Environmental	4400019336 / Multiple S.P. No's	Rural Bridge Replacement Initiative Phase II	\$13,804
		4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$28,021
		4400031920 / H.008069	Peters Road Bridge & Extension (Phase 3)	\$136,215
	Other (Construction Support)	4400013203 / H.001344	US 190: LA 437 to US 190 Bus (Ph 1)	\$5,866
		4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$102,090
	Other (Contract Management)	4400019336 / Multiple S.P. No's	Rural Bridge Replacement Initiative Phase II	\$1,329
		4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$21,335
	Road	4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$34,276
		4400024928 / H.015576 (Task Order #1)	LA 447 @ LA 1025: Roundabout	\$9,521
		4400024928 / H.015587 (Task Order #3)	LA 3211 @ Yokley Road Roundabout	\$73,146
		4400024298 / H.016095 (Task Order #4)	LA 70 Rehab: Marguerite St to US 90	\$7,870
		4400024928 / H.015485 (Task Order #6)	LA 3187: LA 13 - LA 13	\$102,297
		4400024928 / H.010795 (Task Order #7)	LA 42: Roundabout at Joe Sevario Road	\$24,773
	Survey	4400025027 / Multiple S.P. No's	IIJA Off-System Bridge Program	\$ 4,674
		4400021973 / H.011242	LA 384 (Big Lake Rd to McNeese St)	\$519,250
		4400024928 / H.015485	LA 3187: LA 13 - LA 13	\$38,315
		4400031920 / H.008069	Peters Road Bridge & Extension (Phase 3)	\$180,487
		4400021973 / H.013818	LA 308: B Lafour MB RH(Golden Meadow)(HBI)	\$21,421
		4400031907 / H.011358	US 190 (Vine Street) Reconstruction	\$552,426

19. Workload

Firm(s) All firms must be represented in this table	Discipline(s)	Contract Number and State Project Number	Project name	Remaining Unpaid Balance
	Other (Subsurface Utility Engineering)	4400025511 / H.011242.5	LA 384	\$620,767
		4400025511 / H.010005.5	LA 733 VRMLN R MB RH	\$43,841
		440002551 / H.011923.5	Hooper Rd: Roundabout at Sullivan Rd	\$36,523
		4400025511 / H.011358.5	US 190 (Vine Street) Reconstruction	\$401,877
		4400025511 / H.016406.5	District 62 Flashing Yellow Arrow Part 3	\$123,644
		4400025511 / H.016416.5	District 62 Flashing Yellow Arrow Part 4	\$989,241
		4400025511 / H.011026.5	LA 182 WB: Gonzales St. - Hopkins St.	\$120,101
	Bridge	44-17069; H.012003, H.011995, H.010007, H.012568, H.012000	Contract for Movable Bridge Contract 2	\$13,388
		46-097.2794; H.008069.5	Peters Road Bridge & Extension Toll Study - Phase 3	\$87,764
	Environmental	44-27470; H.003931	LWI Region 3 Design Storm Modeling and Consequence Assessment, Calcasieu River Bridge	\$1,190,813
	Traffic	4400031331 / H.016365	LA 1 Caddo Lake Bridge to Donna Annete Road	\$14,886
		4400025299 / H.01564.5	LA 47 Hayne Blvd Safety Improvements	\$9,437
		4400018271 / H.014746.5	LA 383 Stage 0 Corridor Study	\$20,146
		4400025299 / H.014305	US 61: Cardinal Dr to Bert St	\$6,203
		4400026026 / H.016037	LA 1138-1 & LA 1138-2: Corridor Improvements	\$129,310
		4400025299 / H.016437.5	US 190: Wooddale to Livingston P/L Study	\$17,460
	ITS	4400029436 / H.015136.1	Monroe Regional ITS Architecture Update	\$11,488
		4400029436 / H.006474.5	Shreveport Immediate ITS Phase 2B	\$27,561
		4400029436 / H.013711.1	Northshore Phase 3 ITS Deployment	\$8,594
		4400029583 / H.015137.5	Bonnet Carre ITS Upgrades	\$76,076

19. Workload

Firm(s) All firms must be represented in this table	Discipline(s)	Contract Number and State Project Number	Project name	Remaining Unpaid Balance
 THE LAKVOLD GROUP Commercial Real Estate Appraisers 4120 Janssenville Avenue, Suite 6 Baton Rouge, Louisiana 70805 (225) 248-9984 www.thelakvoldgroup.com	Appraiser	SPN H.004100	LA 415 to Essen on I-10 and I-12; Phase I: Washington Street to Essen Lane, East Baton Rouge Parish, LA	\$86,340
		SPN H.007811	Comite River Diversion Canal, Amite River and Tributaries, East Baton Rouge Parish, LA	\$20,800
		SPN H.003931	Interstate 10 Calcasieu River Bridge, Public – Private Partnership Project, Calcasieu Parish, LA	\$120,000
		SPN H.011909	Roundabout: US 71 at Boone Street, Vernon Parish, LA	\$12,000
		SPN H.010960	LA 30 Roundabout at Tanger & I-10, Ascension Parish, LA	\$12,000
		SPN H.009837	LA 64 Roundabout @LA 1019, Livingston	\$32,000
		SPN H.002868	I-49 S. Amb Caffery/US 90, Lafayette	\$12,000
emergent method	Planning	4400027092	CURRENT Authority Support	N/A
	Other - Outreach & Engagement	4400033750	Highway Priority Program Outreach and Engagement	N/A

20. Certifications/Licenses

State of
Louisiana
Secretary of
State



COMMERCIAL DIVISION
225.925.4704

Fax Numbers
225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)



Name	Type	City	Status
T. BAKER SMITH, LLC	Limited Liability Company	HOUMA	Active

Previous Names

T. BAKER SMITH, L.L.C. (Changed: 3/23/2011)
T. BAKER SMITH, INC. (Changed: 12/13/2010)
T. BAKER SMITH & SON, INC. (Changed: 4/20/2005)

Business: T. BAKER SMITH, LLC

Charter Number: 26901340K

Registration Date: 1/7/1965

Domicile Address

412 SOUTH VAN AVENUE
HOUMA, LA 70363

Mailing Address

P.O. BOX 2266
HOUMA, LA 70361

Status

Status: Active

Annual Report Status: In Good Standing

File Date: 1/7/1965

Last Report Filed: 12/8/2025

Type: Limited Liability Company

Registered Agent(s)

Agent: KENNETH W. SMITH
Address 1: 412 SOUTH VAN AVENUE
City, State, Zip: HOUMA, LA 70363
Appointment Date: 10/29/2001

Officer(s)

Additional Officers: No

Officer: KENNETH W. SMITH
Title: Manager
Address 1: 412 SOUTH VAN AVENUE
City, State, Zip: HOUMA, LA 70363

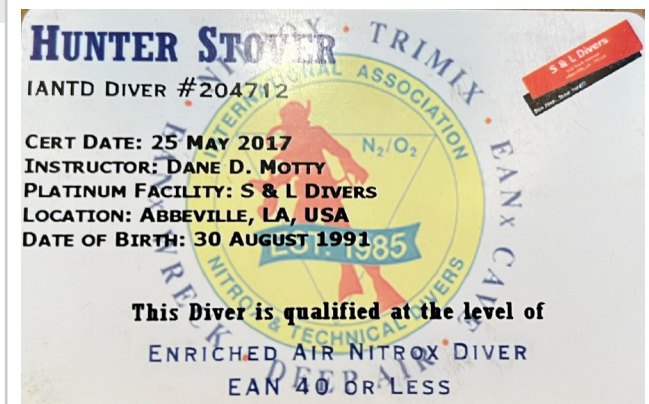
20. Certifications/Licenses



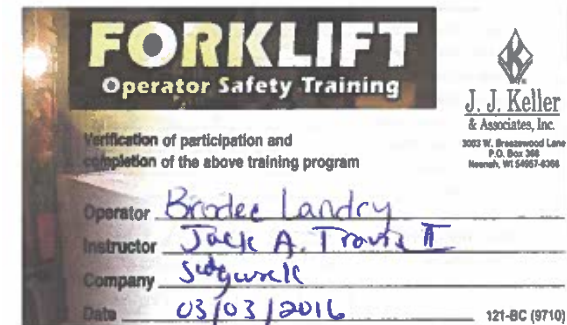
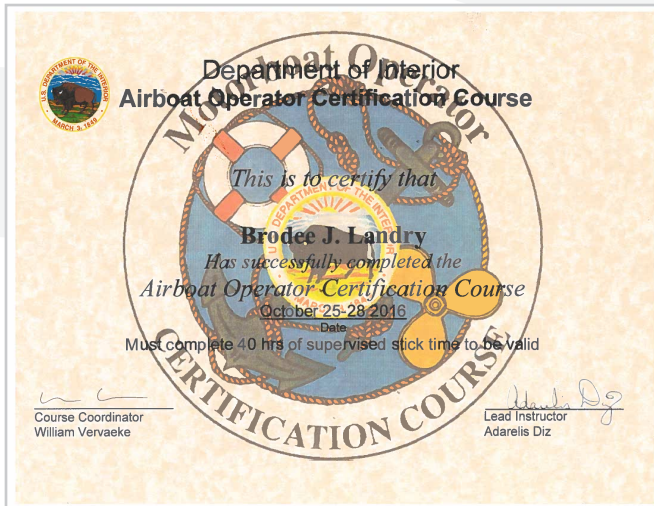
20. Certifications/Licenses



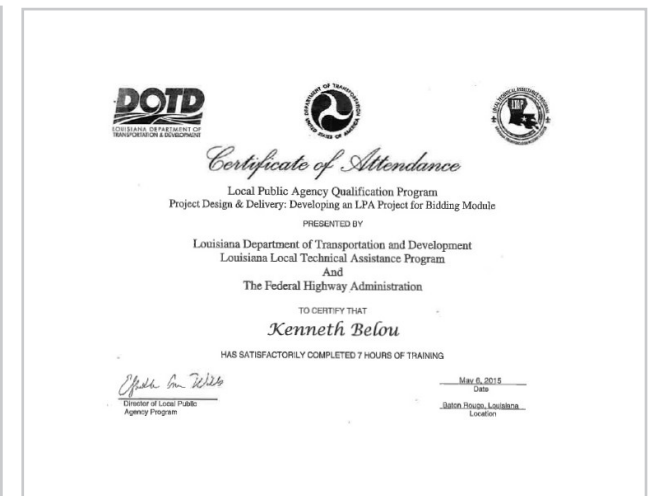
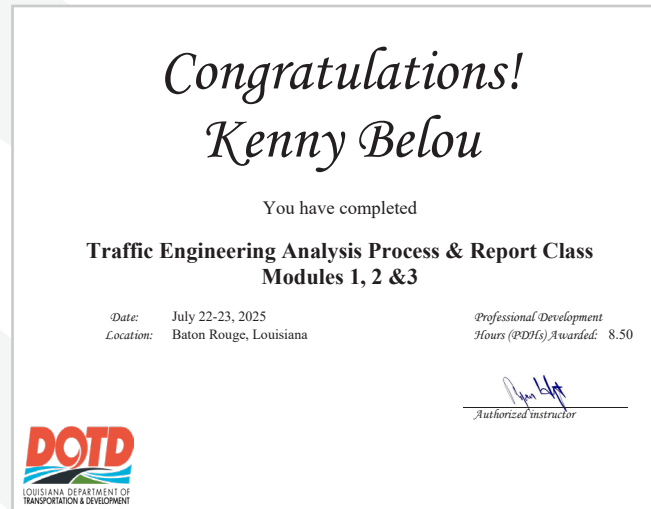
20. Certifications/Licenses



20. Certifications/Licenses



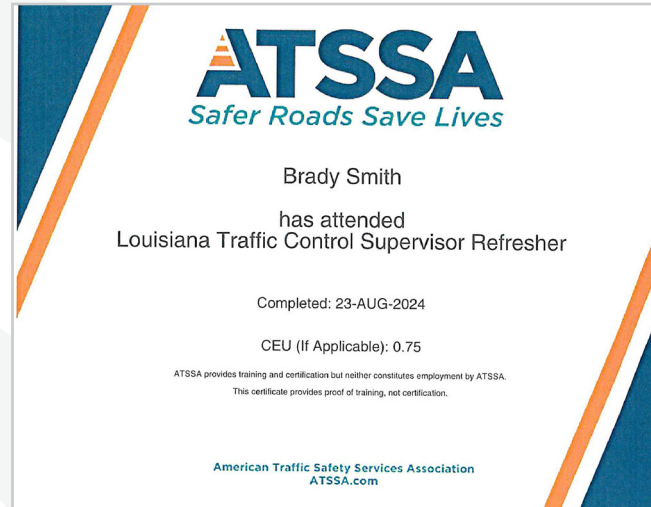
20. Certifications/Licenses



20. Certifications/Licenses



20. Certifications/Licenses



20. Certifications/Licenses



20. Certifications/Licenses



HOMEABOUT >HIRE AN RPA >GET REGISTERED >OUR PROGRAMS >GRIEVANCES >FOR REGISTRANTS >REGISTER STORECONTACT

the Register of Professional Archaeologists

Search site

FIND A REGISTRANT

First name: Is "Natalie"
Last name: Is "Graves"

[Edit search](#) [Clear search](#)

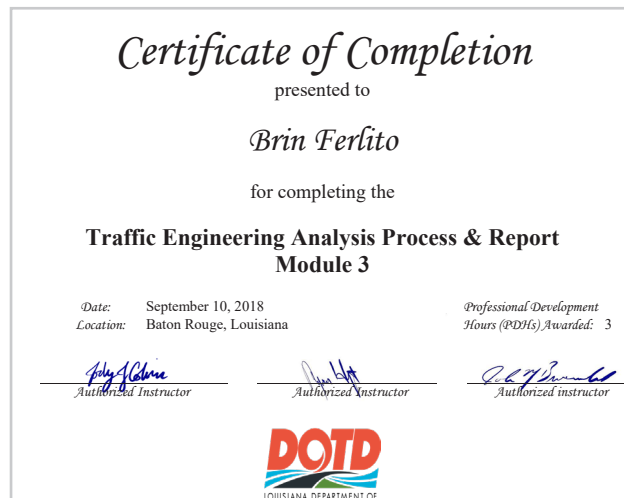
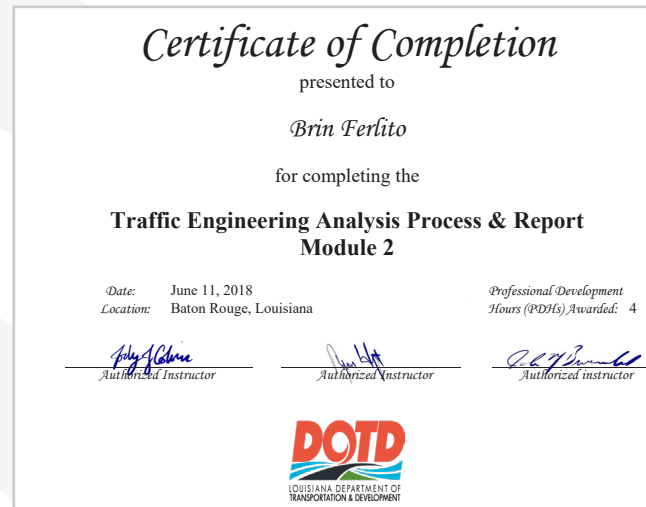
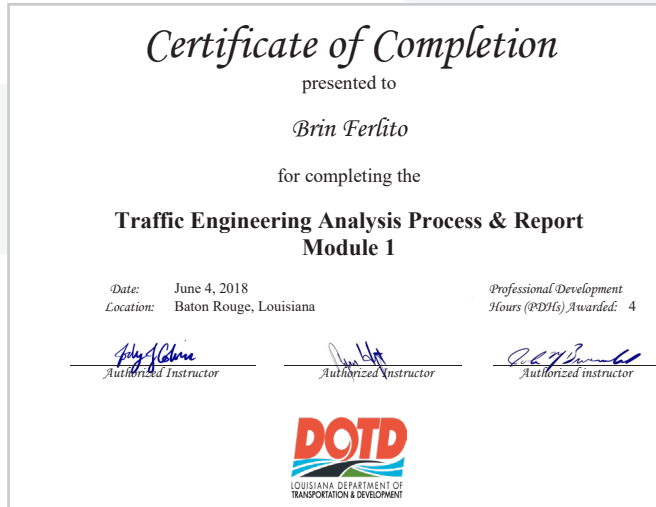
Search: Found: 1

Name	Location	Employer	Preferred Contact Info
Graves, Natalie 16255 RPA (Founding)	Fort Worth Texas United States	GRAVitate, LLC.	

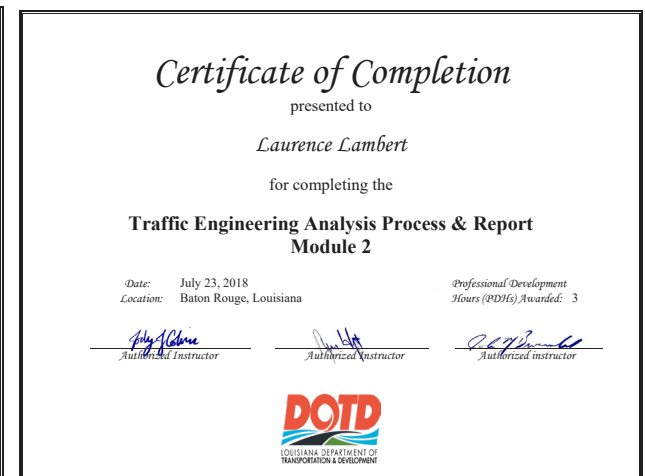
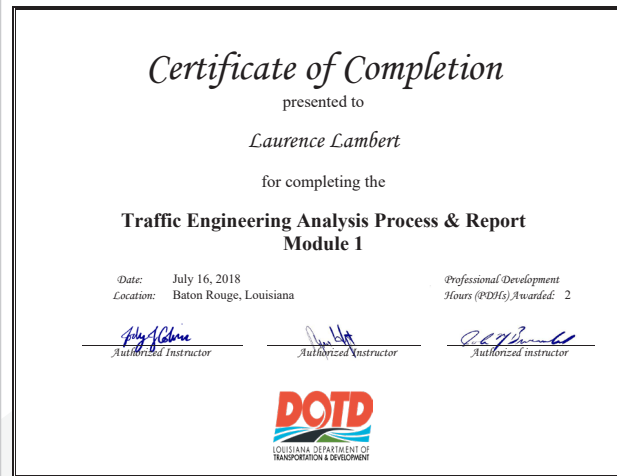
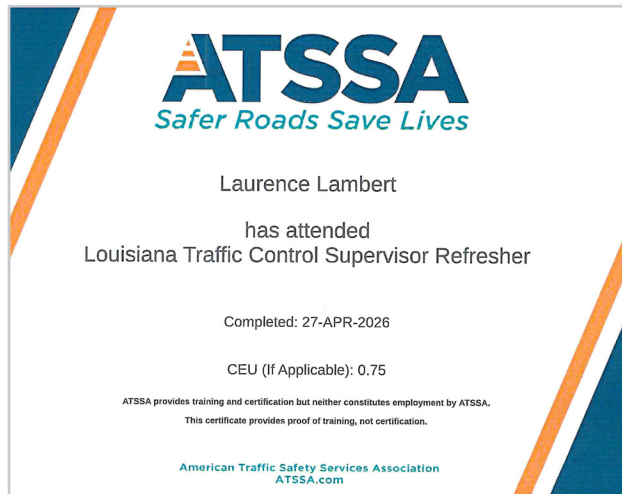
*Primary Specialization(s) may include, but are not limited to:

- Bioarchaeology
- Ceramic Analysis
- Climate Change Analysis
- Forensic Analysis
- Geographic Information Systems (GIS) Specialists
- Linguistics
- Lithic Analysis
- Maritime/Marine Archaeology
- Osteoarchaeology
- Paleoecology
- Paleoethnobotany/Archaeobotany
- Palynology
- Settlement Analysis
- Tribal Consultation
- Zooarchaeology/Archaeozoology Analysis

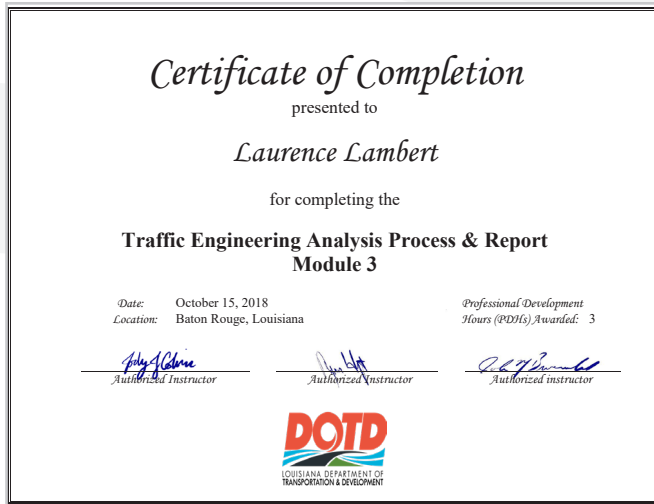
20. Certifications/Licenses



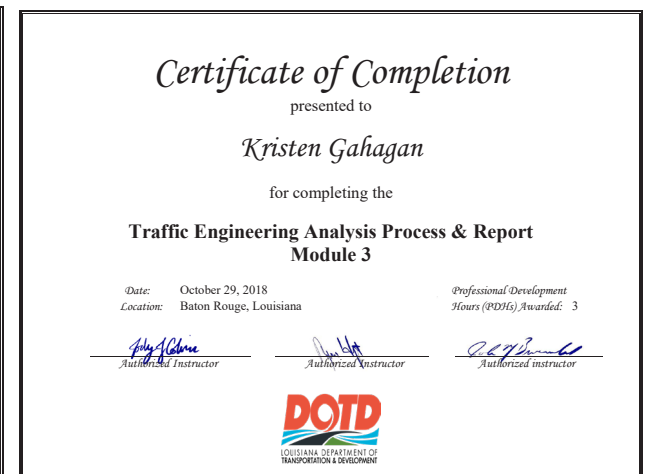
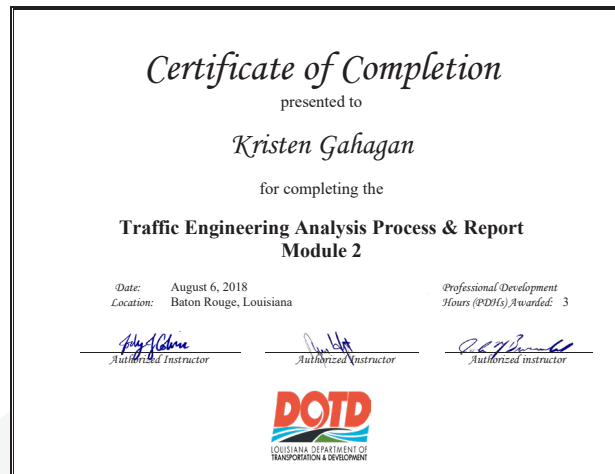
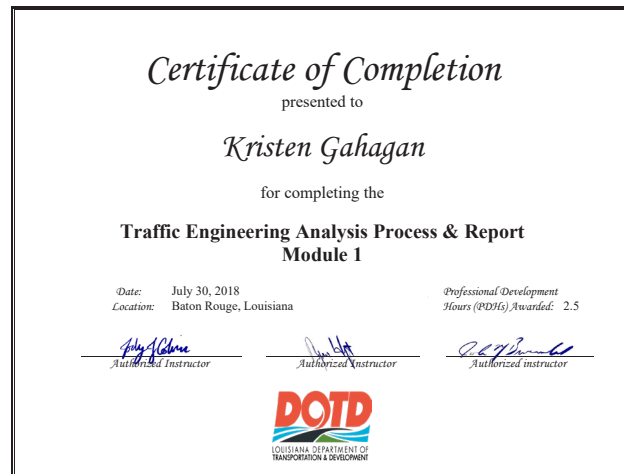
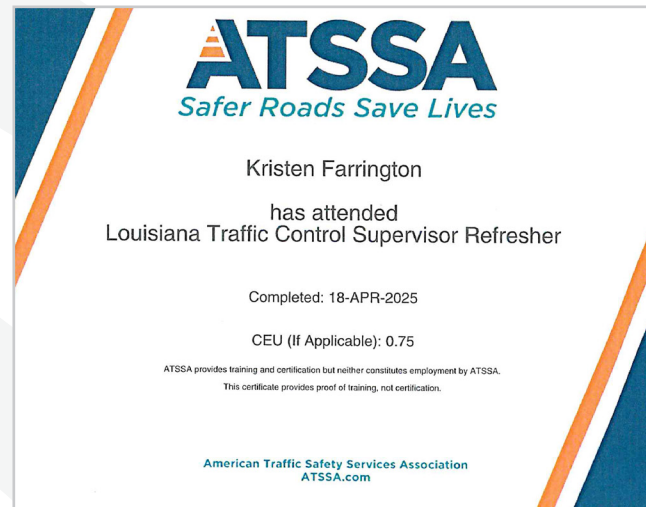
20. Certifications/Licenses



20. Certifications/Licenses



20. Certifications/Licenses



20. Certifications/Licenses





The Transportation Professional Certification Board

Certifies that

Mrs. Kristen Gahagan Farrington, P.E., PTOE, RSP1
successfully holds the Professional Traffic Operations Engineer® certification

Original Certification Date: 3/26/2020 Certification Valid Through: 3/26/2029


 Steve Kuciemba,
Executive Director and CEO


 Jan O. Voss, P.Eng., PTOE
TPCB Chair

Certification Number: 4863



The Transportation Professional Certification Board

Certifies that

Mrs. Kristen Gahagan Farrington, P.E., PTOE, RSP1
successfully holds the Road Safety Professional® (Level 1) certification

Original Certification Date: 11/23/2022 Certification Valid Through: 11/23/2028


 Steve Kuciemba,
Executive Director and CEO


 Jan O. Voss, P.Eng., PTOE
TPCB Chair

Certification Number: 916

American Traffic Safety Services Association

ATSSA
Before 2008, ATSSA was known as ATSSA

This is to affirm that
Kristen Farrington
Has satisfied the requirements to be designated as a
Registered Flagger

Expiration Date: 9/24/2029 State Issued In: LA


Instructor Signature

A1000366548

Verification Copy Only. Verification available by calling 1-877-6424637 or at <http://www.flagger.com>



State of Louisiana
Department of Transportation and Development

This certificate is presented to

Kristen Farrington

for successfully completing
The Local Public Agency (LPA) Qualification Program:
Construction, Engineering, & Inspection (CE&I)
Training (Parts 1-9) on

10/24/2025



 **National Highway Institute**

Certificate of Training
KRISTEN FARRINGTON

has participated in
FHWA-NHI-142005 NEPA and the
Transportation Decisionmaking Process
hosted by
LA DOTD/LTRC

Date: August 10-12, 2022 Hours of Instruction: 18
Location: Baton Rouge, LA


 Allison H. Landry
Local Coordinator


 Thomas Harman
Director
National Highway Institute

PROFESSIONAL DEVELOPMENT REQUEST FORM

EMPLOYEE: Kristen Farrington NUMBER: 1455
DATE: 9/29/19

I request approval to register for:

(check one) ☐ In-house training Priority: ☒ 1 - High
☐ Webinar or online training ☐ 2 - Medium
☒ Offsite training ☐ 3 - Low (optional)
☐ Professional conference attendance
☐ Professional society meeting attendance
☐ Other

Training name: A Walk Through the 88th Parish GIS Date(s): 9/20/19
Sponsoring organization(s): APWA
Location: TTEC Building, Room 360
Learning objective: 4099 Gourier Ave, Baton Rouge, LA
CEU/PDH credit(s) available: 2
Credits apply to: Louisiana License PDH
Attendee(s): Kristen Farrington

Anticipated costs: **Amount:**

Salary costs (row labor x number of hours)	\$71.92
Registration fee(s)	\$25.00
Travel	\$18.96
Lodging	\$0.00
Miscellaneous (attach explanation)	
Total costs:	\$115.88

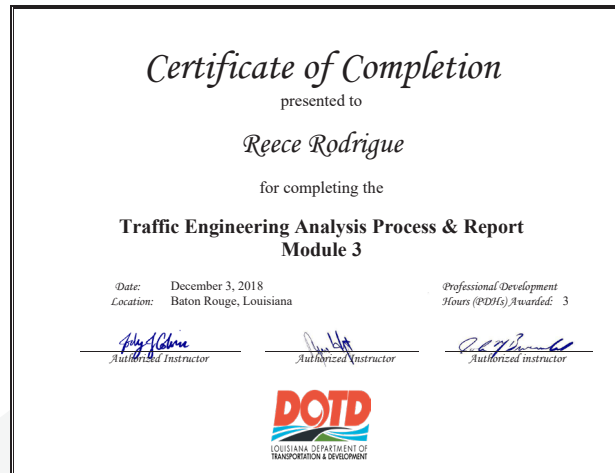
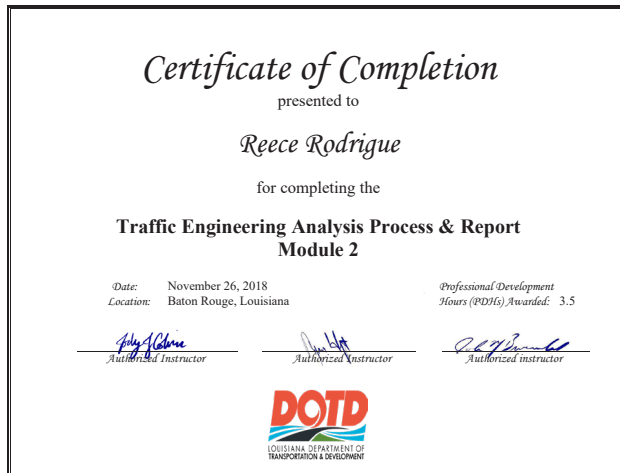
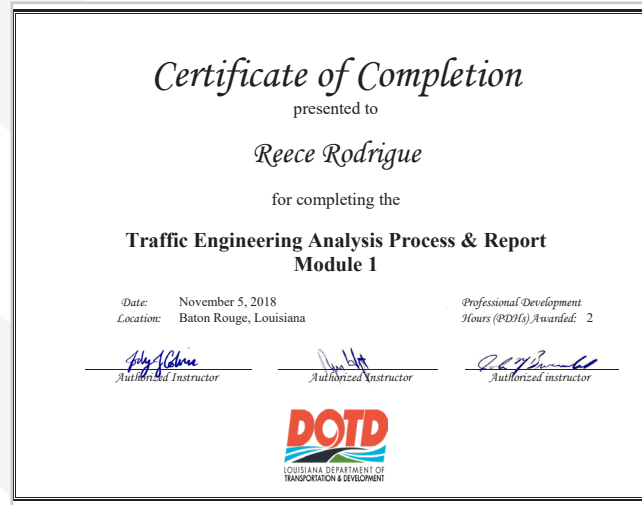
Route to: Approval: 

Org/Office Manager (hours approved: 2) Vice President: 

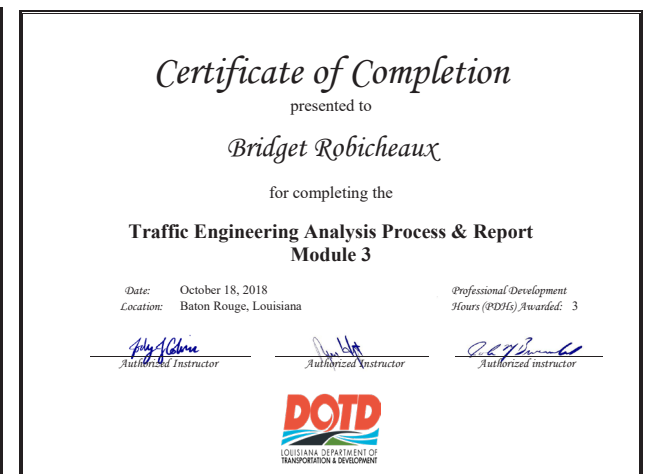
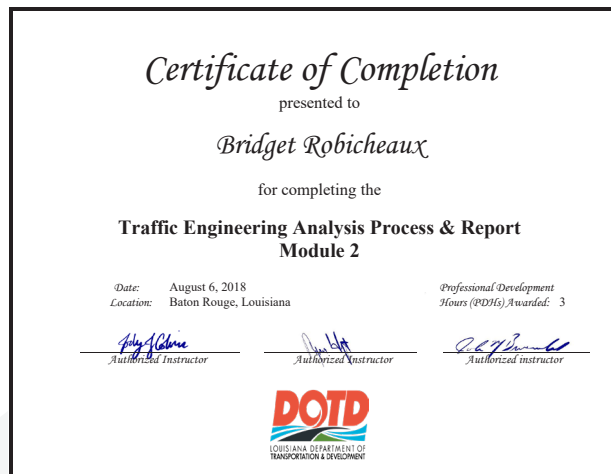
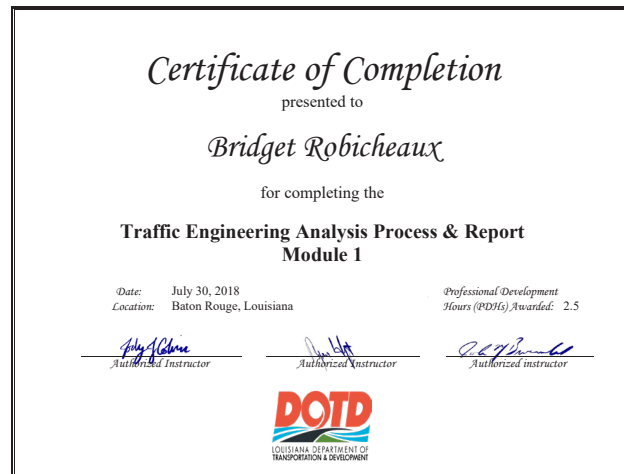
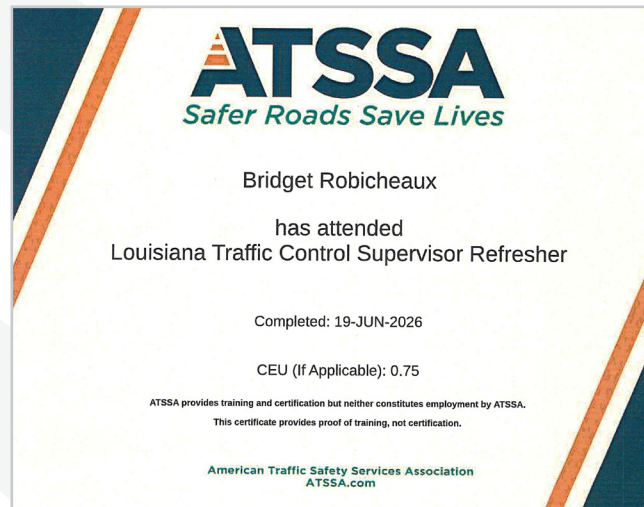
President (if costs exceed \$1,500)

Note: This form requires payment of fees to attend professional development opportunities. This form (with approval) must be included with any payment request and/or expense reimbursement.

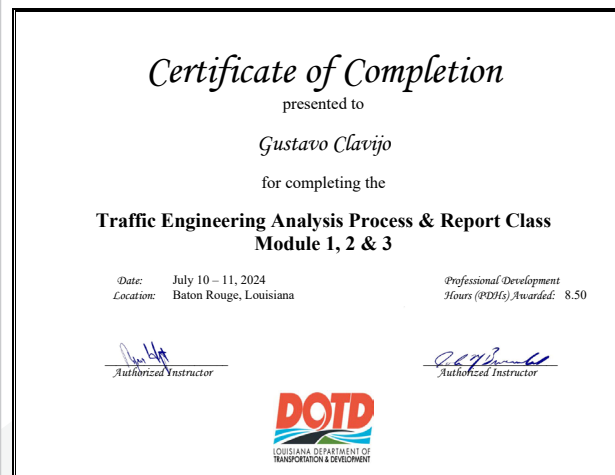
20. Certifications/Licenses



20. Certifications/Licenses



20. Certifications/Licenses



20. Certifications/Licenses



20. Certifications/Licenses



20. Certifications/Licenses



		State of Louisiana Secretary of State	COMMERCIAL DIVISION 225.925.4704 Fax Numbers 225.932.5317 (Admin. Services) 225.932.5314 (Corporations) 225.932.5318 (UCC)	
				
Name	Type	City	Status	
WSP USA INC.	Business Corporation (Non-Louisiana)	NEW YORK	Active	



		State of Louisiana Secretary of State	COMMERCIAL DIVISION 225.925.4704 Fax Numbers 225.932.5317 (Admin. Services) 225.932.5314 (Corporations) 225.932.5318 (UCC)	
				
Name	Type	City	Status	
VECTURA CONSULTING SERVICES, LLC	Limited Liability Company	BATON ROUGE	Active	



		State of Louisiana Secretary of State	COMMERCIAL DIVISION 225.925.4704 Fax Numbers 225.932.5317 (Admin. Services) 225.932.5314 (Corporations) 225.932.5318 (UCC)	
				
Name	Type	City	Status	
THE LAKVOLD GROUP LLC	Limited Liability Company	BATON ROUGE	Active	



		State of Louisiana Secretary of State	COMMERCIAL DIVISION 225.925.4704 Fax Numbers 225.932.5317 (Admin. Services) 225.932.5314 (Corporations) 225.932.5318 (UCC)	
				
Name	Type	City	Status	
EMERGENT METHOD, LLC	Limited Liability Company	BATON ROUGE	Active	



21. QA/QC Plan

22. Sub-consultant information

Firm Name (Name must match exactly as registered with Louisiana's Secretary of State (SOS): including punctuation, include screenshot(s) from SOS at the end of Section 20)	Address	Point of Contact and email address	Phone Number
WSP USA INC. 	1100 Poydras Street Suite 1175 New Orleans, LA 70163	Max Nassar max.nassar@wsp.com	225.218.3584
VECTURA CONSULTING SERVICES, LLC 	PO Box 14269 Baton Rouge, LA 70898	Sheelagh Brin Ferlito, PE, PTOE bferlito@vecturacs.com	225.223.6685
THE LAKVOLD GROUP LLC 	4520 Jamestown Avenue, Suite 6 Baton Rouge, LA 70808	Angela Lemoine-Lakvold, MAI, SRA, R/W-AC, MBA angie@thelakvoldgroup.com	225.248.9984 or 225.603.5515
EMERGENT METHOD, LLC 	804 Main Street Baton Rouge, LA 70802	Jonathan Percle jonathan@emergentmethod.com	225.372.5102

23. Location