



## IDIQ Contract for Design of Transportation Alternatives Program Projects Statewide

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT | AUGUST 9, 2023

August 9, 2023

Mr. Mark Chenevert, P.E.  
Contract Services Administrator  
Louisiana Department of Transportation & Development  
1201 Capitol Access Road  
Baton Rouge, LA 70801

**RE: IDIQ Contract for Design of Transportation Alternatives Program Projects Statewide**

Dear Mr. Chenevert,

**Intelligent Transportation Systems LLC** (ITS LLC) is proud to present you with the attached qualifications statement for the **IDIQ Contract for Design of Transportation Alternatives Program Projects Statewide** based on the requirements of the RFQ issued on July 17, 2023, with an Addendum issued on July 24, 2023, by the Louisiana Department of Transportation and Development (LADOTD). We are honored to have a long-standing partnership with the Department, having participated in several projects over the past 16 years. We look forward to continuing that partnership with the IDIQ Contract for Design of TAP Projects Statewide.

**Intelligent Transportation Systems LLC** is a licensed engineering firm in the State of Louisiana (LAPELS No. EF.0005676). ITS LLC offers niche services in the fields of intelligent transportation systems engineering and maintenance and traffic engineering services. With over 16 years in business, ITS LLC has a history of providing these specialty services across the State of Louisiana. The firm's experience includes intelligent transportation systems design, traffic impact analyses, operational studies, safety analyses, traffic signal design, and equipment installation, integration, and maintenance. Our firm partners for this project include T. Baker Smith, LLC, AECOM, Inc., Civil Design & Construction, Inc., and Grey Engineering, LLC. Each brings unique expertise to the team as illustrated throughout the attached Statement of Qualifications.

Our leadership is committed to providing the necessary resources to see this project, and others, to a satisfactory completion for the Louisiana Department of Transportation and Development. We appreciate the time and effort you and your Project Evaluation Team will spend reviewing our team's qualifications. Should you have any questions, please feel free to reach out to any one of us.

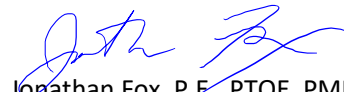
Sincerely,



Kimberly McDaniel, P.E., PTOE, PTP  
Principal | Chief Executive Officer  
[kimberly@itsanswers.com](mailto:kimberly@itsanswers.com)  
(225) 931-0060



Diane Hammonds, P.E., PTOE, RSP<sub>1</sub>  
Principal  
[diane@itsanswers.com](mailto:diane@itsanswers.com)  
(504) 858-8899



Jonathan Fox, P.E., PTOE, PMP  
Principal  
[jfox@itsanswers.com](mailto:jfox@itsanswers.com)  
(225) 276-3185

# **DOTD FORM: 24-102**

(Revised January 1, 2023)

## **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	<b>IDIQ Contract for Design of Transportation Alternatives Program Projects Statewide</b>
2. Contract Number(s) as shown in the advertisement	<b>4400027180, 4400027181, 4400027182, and 4400027183</b>
3. State Project Number(s), if shown in the advertisement	<b>(not shown)</b>
4. Prime consultant name <b>(name must match as registered with the Louisiana Secretary of State where such registration is required by law)</b>	<b>Intelligent Transportation Systems LLC</b>
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	<b>EF.0005676</b>
6. Prime consultant mailing address	<b>20405 Highland Road Baton Rouge, LA 70817</b>
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	<b>20405 Highland Road Baton Rouge, LA 70817</b>
8. Name, title, phone number, and email address of prime consultant's contract point of contact	<b>Kimberly D. McDaniel, P.E., PTOE, PTP Principal   CEO (225) 751-9300   kimberly@itsanswers.com</b>
9. Name, title, phone number, and email address of the official with signing authority for this proposal	<b>Kimberly D. McDaniel, P.E., PTOE, PTP Principal   CEO (225) 751-9300   kimberly@itsanswers.com</b>

Prime consultant should enter the firm name in the footer at the bottom of this page. (It will carry over to subsequent pages.)



**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.

*Kambary D. Morrison*

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

August 9, 2023

Date:

**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.

<u>Firm(s):</u>	<u>Firm(s)' %:</u>
Civil Design & Construction, Inc.	9.5%
Grey Engineering, LLC	3.0%



**12. Past Performance Evaluation Discipline Table:**

As indicated in the advertisement, insert the completed table here. The percentages for the prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as the overall total percent of the contract.

The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).

Past Performance Evaluation Discipline(s)	% of Overall Contract	Intelligent Transportation Systems LLC	T. Baker Smith, Inc.	AECOM Inc.	Civil Design & Construction, Inc.	Grey Engineering, LLC	Each Discipline must Total to 100%
Traffic	30%	95%				5%	100%
Road	40%	37%	63%				100%
Survey	10%		5%		95%		100%
Environmental	10%	5%		95%			100%
Planning	10%	75%		10%		15%	100%
Identify the percentage of work for the <b>overall contract</b> to be performed by the prime consultant and each sub-consultant.							
Percent of Contract	100%	51.3%	25.7%	10.5%	9.5%	3.0%	100%







**13. Firm Size:**

For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify "Other (please specify)" and include the classification title inside the parentheses.

The DOTD Job Classification(s) to be used can be found at the following link:

[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/CCS/Job\\_Qualification/Job%20Classifications%20with%20Descriptions.pdf](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf)

Firm Name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
 <b>Intelligent Transportation Systems LLC</b>	Principal	3	3
	Engineer	1	1
	Engineer Intern	1	1
 <b>T. Baker Smith, LLC</b>	Engineer	4	30
	Engineer-Aide	3	9
 <b>AECOM Technical Services, Inc.</b>	Principal	1	1
	Supervisor-Engineer	2	6
	Supervisor-Other	3	8
	Engineer	1	8
	Engineer-Other	2	7
	Environmental Manager	2	4
	Biologist/Wetlands	2	2
	Environmental Professional	1	2
Administrative	1	3	
 <b>Civil Design &amp; Construction, Inc.</b>	Surveyor	1	3
	Party Chief	3	5
	Instrument Man	2	3
	Rodman	1	2
	CADD Operator	1	1
	Senior Technician	2	5
	Supervisor – Other	1	1
Grey Engineering, LLC	Principal	1	1

(Add rows as needed)



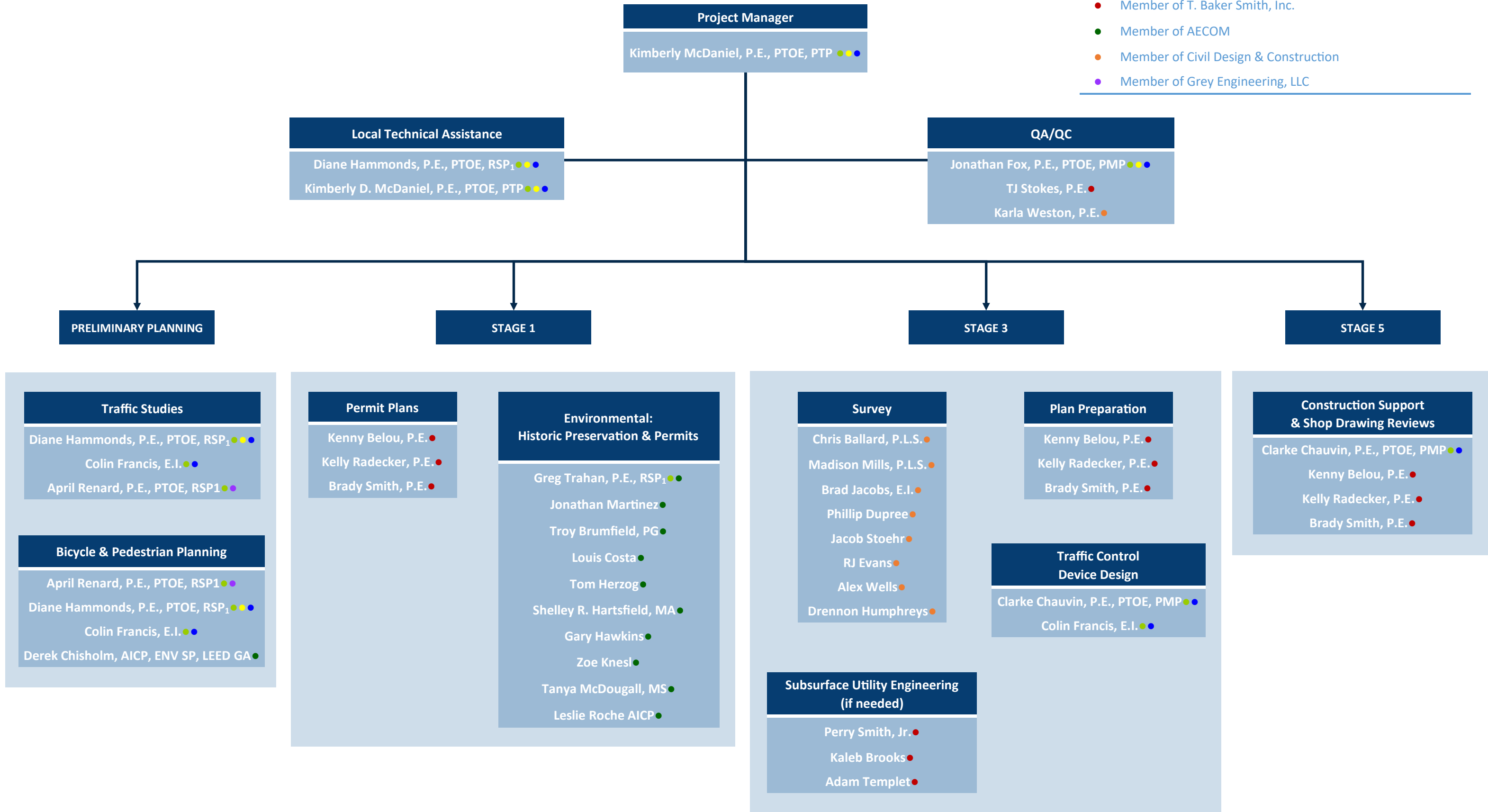
Intelligent Transportation Systems LLC

14. Organizational Chart



CODE KEY

- LADOTD Traffic Engineering Process and Report I, II, & III
- Meets a Minimum Personnel Requirement (MPR)
- Member of Intelligent Transportation Systems LLC
- Member of T. Baker Smith, Inc.
- Member of AECOM
- Member of Civil Design & Construction
- Member of Grey Engineering, LLC



**15. Minimum Personnel Requirements:**

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR. Make sure the P.E. discipline is also listed (highlighted in table) that is meeting the MPR; e.g. professional civil engineer should show the discipline of the license as civil if meeting that MPR.


MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Kimberly D. McDaniel, P.E., PTOE, PTP	Intelligent Transportation Systems LLC	P.E. No. 32973 (Civil) PTOE No. 2072 PTP No. 802	LA	09/30/2023 10/02/2025 03/14/2025
	Diane C. Hammonds, P.E., PTOE, RSP <sub>1</sub>	Intelligent Transportation Systems LLC	P.E. No. 40749 (Civil) PTOE No. 4337 RSP No. 798	LA	09/30/2024 11/20/2023 03/14/2025
	Jonathan Fox, P.E., PTOE, PMP	Intelligent Transportation Systems LLC	P.E. No. 33277 (Civil) PTOE No. 2329	LA	09/30/2023 11/07/2025
2	Kimberly D. McDaniel, P.E., PTOE, PTP	Intelligent Transportation Systems LLC	P.E. No. 32973 (Civil) PTOE No. 2072 PTP No. 802	LA	09/30/2023 10/02/2025 03/14/2025
	Diane C. Hammonds, P.E., PTOE, RSP <sub>1</sub>	Intelligent Transportation Systems LLC	P.E. No. 40749 (Civil) PTOE No. 4337 RSP No. 798	LA	09/30/2024 11/20/2023 03/14/2025
	Jonathan Fox, P.E., PTOE, PMP	Intelligent Transportation Systems LLC	P.E. No. 33277 (Civil) PTOE No. 2329	LA	09/30/2023 11/07/2025
3	Kimberly D. McDaniel, P.E., PTOE, PTP	Intelligent Transportation Systems LLC	P.E. No. 32973 (Civil) PTOE No. 2072 PTP No. 802	LA	09/30/2023 10/02/2025 03/14/2025

(Add rows as needed)




Intelligent Transportation Systems LLC




Name	<b>Kimberly McDaniel, P.E., PTOE, PTP</b>		Years of relevant experience with this employer	1.3	
Title	Principal   Chief Executive Officer		Years of relevant experience with other employer(s)	19	
Degree(s) / Years / Specialization			Bachelor of Science – Civil Engineering – 2003 Master of Science – Civil Engineering - 2006		
Active registration number / state / expiration date			P.E. No. 32973 / Louisiana / 09.30.2023 PTOE No. 2072 / National / 10.02.2025 PTP No. 802 / National / 03.14.2025		
Year registered	2007	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities			<b>Project Manager   MPR Nos. 1, 2, &amp; 3</b>		
<p><b>Kimberly McDaniel, P.E., PTOE, PTP</b>, currently serves ITS LLC as a Principal and the Chief Executive Officer. She has over 20 years of experience in transportation design and planning, traffic engineering, and project management. Mid-career she spent 6 years in state service at LADOTD in Traffic Engineering Management where she developed policies and programs related to Complete Streets, Access Management, and Traffic Impacts and served as the subject-matter expert on access management and traffic impacts. The remainder of her career has been spent as a consultant performing a wide variety of traffic engineering, safety assessments, roadway and intersection designs, and planning projects throughout the states of Louisiana, Texas, and Michigan. She is very knowledgeable in the areas of innovative intersection design and operation, feasibility study requirements, access connection safety and design, corridor studies, interchange modification and justification studies, traffic impact studies, crash analyses, safety studies, low-cost safety improvements, and traffic impact analyses. She has completed trainings and certification for the LADOTD Traffic Engineering Process and Reports (Parts I, II, and III) and other continuing education courses. Kimberly holds national certifications as a Professional Traffic Operations Engineer (PTOE) and Professional Transportation Planner (PTP).</p>					
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).				
May 2022 – Present	<p><b>Country Club Rd at Ihles Rd Intersection Improvements, Calcasieu Parish Transportation Improvements (CPTI) Program (Calcasieu Parish):</b> Kimberly serves as the Project Manager for this project which consists of developing <u>geometric alternatives</u> and traffic analyses for operational and capacity improvements of a congested intersection in Lake Charles. Kimberly oversees the traffic analysis and <u>geometric design of alternatives</u>. This project is ongoing.</p>				
December 2022 – Present	<p><b>Ascension Parish Traffic Impact Studies IDIQ Contract:</b> Kimberly currently serves as the Principal in Charge and Project Manager for this IDIQ Contract. As a direct-contract consultant, ITS LLC performs traffic impact studies for proposed commercial and residential developments throughout the Parish. The scope of work includes performing traffic impact studies (TISs) for a variety of commercial and residential developments that may include subdivisions, multi-family developments (apartment homes), strip retail centers, big box stores, restaurants, office complexes, industrial facilities, and more. Each proposed development is unique and will have differing requirements for the studies.</p>				
August 2021 – May 2022	<p><b>Railroad Trail Project Signal &amp; Pedestrian Crossing Design, Tipton Associates on behalf of Louisiana Tech University (Lincoln Parish, LA):</b> Kimberly served as the Project Manager for the design and development of construction plans for the Tech Drive at Railroad Avenue Signal and Pedestrian Crossing, which included traffic evaluation, <u>geometric intersection design</u>, construction plans for the installation of accessible/audible countdown pedestrian signals, and pavement markings as part of FHWA BUILD Grant for pedestrian improvements throughout the Louisiana Tech campus and the City of Ruston. As Project Manager, her duties included LADOTD project coordination, technical and planning review, and overall project management.</p>				
July 2020 – March 2021	<p><b>Tech Drive Pedestrian Crossings, Louisiana Tech University (Ruston):</b> New student housing being constructed across a state highway from the main campus posed challenges for the thousands of students who would have to cross the highway each day. The University sought improvements to safety at these crossings. The scope included traffic engineering, <u>design and construction plans</u>, and permit assistance, along</p>				

	with coordination between Louisiana Tech and the Louisiana Department of Transportation and Development (La DOTD) for the development of construction plans for the installation of Rectangular Rapid Flashing Beacons (RRFB) at two midblock crossings. Kimberly served as Principal for the project and her duties included coordination with LADOTD, client coordination, <u>development of construction plans and cost estimates</u> , permit and bidding coordination, and review of bid package documentation/distribution and meetings.
January 2019 – April 2020	<b>S.P. No. H.001271 Cane River Bridge Church Street EA</b> (Natchitoches Parish, LA): Ms. McDaniel served as the Lead Traffic Engineer for this Environmental Assessment for the replacement of the Cane River Bridge. She was responsible for the analysis of multiple future traffic scenario alternatives as well as three different complex detour scenarios for the replacement of the Cane River Bridge. She assisted with the development of the final EA document which received approval on the first known LADOTD and FHWA “net benefit determination” for Section 4(f) properties in Louisiana. She assisted in the development a Finding of No Significant Impact (FONSI) document, which was approved by FHWA and LADOTD. Ms. McDaniel also assisted in coordinating public and agency outreach activities
June 2017 – June 2021	<b>S.P. No. H.009932: US 80 Widening Vancil Rd to Well Rd</b> (Ouachita Parish): Kimberly served as traffic and safety project engineer for the Environmental Assessment study for capacity/safety improvement of a 1.4- mile portion of US 80. She developed traffic models for alternatives, identified safety improvements, and determined geometric configurations to increase traffic capacity. Alternatives included roundabouts.
June 2019 – April 2020	<b>Stage 0 Feasibility Studies of Modern Roundabouts</b> (Lafayette, LA): Kimberly served as the Project Manager to study 30 conceptual roundabout locations throughout Lafayette for the Acadiana MPO. This includes updating <u>conceptual geometric roundabout designs</u> , performing operational and traffic analysis per LADOTD TEPR requirements, and completing Stage 0 reports.
June 2020 – May 2022	<b>RR 045 Filmore South Group D (FRC)</b> (Orleans Parish, LA): Kimberly served as the Project Manager for the <u>geometric design of a group of streets</u> in New Orleans as part of the Recovery Roads Program. The scope included professional <u>engineering design</u> and construction administration services for FEMA-eligible street repairs in the Filmore South neighborhood. Services include topographic and right-of-way surveys, <u>roadway and drainage design</u> , environmental study, final design, bid & award services, construction administration, construction close out.
June 2020 – May 2022	<b>RR 105 Lower Ninth Ward Northeast Group C</b> (Orleans Parish, LA): Kimberly served as the Project Manager for the design of a group of streets in New Orleans as part of the Recovery Roads Program. The scope included professional <u>engineering design</u> and construction administration services for FEMA-eligible street repairs in the Lower Ninth Ward neighborhood. Services include topographic and right-of-way surveys, <u>roadway and drainage design</u> , environmental study, final design, bid & award services, construction administration, construction close out.
December 2020 – May 2022	<b>2019 &amp; 2020 Asphalt Overlay Programs</b> (Carencro): Kimberly served as the Engineer of Record for the 2019 program and as the Lead Traffic Engineer for the 2020 Program. These programs included the <u>preparation of plans and specifications</u> for the overlay of approximately 5 miles of roadway surface throughout the City of Carencro for each year’s program. Some roadways and intersections included <u>geometric design improvements</u> to add turn lanes, widen curves, or add sidewalk. Constructions administration was performed.
March 2019 – May 2022	<b>Elm Grove Garden Pedestrian Improvements</b> (East Baton Rouge Parish): Kimberly served as the Project Principal for this project in the City of Baton Rouge which included new construction of pedestrian sidewalks on a narrow sub-standard street, new <u>sub-surface drainage</u> , associated <u>roadway improvements</u> , and school zone and crosswalk consideration. She oversaw the project, managed resource allocations, ensured budget compliance, performed technical reviews, and provided client management/communication.
October 2008 – August 2014	<b>LADOTD Access Management Program, Louisiana Statewide</b> : Kimberly developed and managed the LADOTD Access Management Program. In this role, she performed extensive research of access management policies and best practices throughout the US. Kimberly led multiple focus groups and policy development teams consisting of LADOTD employees, consulting engineers, commercial developers, residential developers, real estate agents, attorneys, municipal employees, and elected officials from around the state to develop a policy for LADOTD which would regulate the granting of access to state highways. The policy was adopted as Louisiana Administrative Code Title 70, Part I, Chapter 15. Kimberly authored the Access Connections Policy. She served as the state’s Subject Matter Expert on Access Management.

Name	<b>Jonathan Fox, P.E., PTOE, PMP</b>		Years of relevant experience with this employer	8	
Title	Principal		Years of relevant experience with other employer(s)	13	
Degree(s) / Years / Specialization			Bachelor of Science – Civil Engineering – 2003		
Active registration number / state / expiration date			P. E. No. 33277 / Louisiana / 09.30.2023 PTOE No. 2329 / National / 11.07.2025 PMP No. 1812148 / National / 04.27.2024 ATTSA Traffic Control Technician/Supervisor / LA-Specific ATTSA Traffic Control Design Specialist / National		
Year registered	2007	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities					
Jonathan Fox, P.E., PTOE, PMP, currently serves ITS LLC as a Principal. He has over 20 years of experience in traffic engineering, signal design, ITS design and maintenance, and project management. Jonathan has developed specific expertise in the design of traffic signal systems, communication systems, detection systems, intelligent transportation systems, and the innovative application of adaptive traffic signals. Jonathan holds a national certification as a Professional Traffic Operations Engineer (PTOE). Jonathan has completed trainings and certification for the LADOTD Traffic Engineering Process and Reports (Parts I, II, and III) and other continuing education courses. He is a certified Project Management Professional (PMP) and an ATSSA Traffic Control Supervisor/Technician.					
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).				
December 2014 – Present	<b>DOTD ITS Maintenance (44-2500, 44-7102, 44-16811) (Statewide):</b> Serves as supervisor engineer for ITS LLC under the existing ITS Maintenance Retainer contract. Roles include project management support, quality control checks, site reviews, as well as investigating options and developing concepts to improve sites. All field maintenance operations includes the application of appropriate temporary traffic control devices for construction and Jonathan oversees this part of the project to ensure the safety of technicians and the motoring public. His knowledge of the ITS from planning through operations has made him a highly valuable asset to the ITS Maintenance team especially his knowledge of the ITS as it was designed and operated.				
August 2015 – July 2019	<b>SASOL Lake Charles Chemical Project – Adaptive Traffic Signal Systems (Westlake):</b> Jonathan was the lead traffic engineer on new traffic signal designs, upgrades, communication design, and integration. He oversaw developing traffic signal plans, simulation models, communication layouts, network design, surveillance, travel time management, and permit applications. Six of these intersection upgrades were integrated by Jonathan’s team as the first Adaptive Traffic Signal System deployed in the state of Louisiana (System A). One of the biggest challenges overcome was integrating DOTD’s first private cellular network connection. This effort took continuous communications between DOTD District 07, DOTD ITS Section, Div. of Admin. Office of Technology Service, Trafficware, and Verizon Wireless. Once the DOTD Lake Charles ITS Phase 2 project was constructed and accepted, Jonathan oversaw the design and installation of an unlicensed wireless network which removed the recurring monthly cellular service charges for the adaptive system. Jonathan has overseen the design, implementation and integration of the Sasol System B (LA 108 signal corridor) as well as LA 27 (Beglis Rd.) @ LA 379 (Houston Rive Rd.).				
June 2018 – July 2019	<b>US 90 Adaptive Corridor (Westlake):</b> Jonathan served as the project manager and overall design lead for the US 90 adaptive traffic signal corridor in Westlake, LA. Designs included preparing updated traffic signal inventory (TSI) forms as well as communications in support of two isolated traffic signals. Equipment included in the design consisted of new radar detection and unlicensed wireless communications. Jonathan oversaw the integration of the intersections into the adaptive system in Lake Charles.				

2007 – 2010	<b>I-12 Ramp Metering Design and Implementation (East Baton Rouge Parish):</b> Jonathan provided signal layout design support, quality control and fiber optic communications design for 16 ramp meters in the Baton Rouge area, including plan layouts, fiber allocations, and technical specification. He also handled construction administration, fiber inspection, fiber test review, and integration coordination. This was the first implementation of ramp metering in the state of Louisiana.
October 2012 – December 2014	<b>Baton Rouge ITS Phase 3 (Baton Rouge):</b> Jonathan oversaw the System Engineering Analysis (SEA) document for the project in compliance with the FHWA Rule (23 CFR Part 940.11) to determine project scope and analyze implementation constraints including minimizing the impact of construction on the traveling public and using existing fiber optic communications. Several ITS deployments projects were solely focused on the core urban area, leaving gaps west of the west of the Mississippi River (Iberville and West Baton Rouge Parishes), and east of the City in Livingston Parish. The solution to meet the LADOTD’s goal of the Baton Rouge ITS Phase 3 project was to supplement the area with 16 additional closed circuit television video cameras, 5 dynamic message sign sites, 1 HUB site, 30 Bluetooth detection sites, 1 travel time message sign (first in the state), and 8 ramp meters that cover five parishes over, 50 miles, to help with key blind areas. Jonathan led the development of the full plan set from conception to Final Plans.
November 2012 – December 2014	<b>H.010138 Sunshine Bridge ITS Deployment (Sorrento):</b> Jonathan managed all tasks from system engineering through deployment of final design package. He oversaw the development of the project level SEA for the deployment of a closed-circuit television camera system along LA 22 and LA 70 including the Sunshine Mississippi River Bridge. He overcame project challenges including determining how permitted fiber communications assets would be used, structure mounted conduit systems, and handling ongoing bridge painting construction. He developed a conceptual design to have the camera support mount directly to the bridge pier cap instead of the bridge’s steel members to reduce maintenance. He also oversaw the analysis report, developed plans, specifications, and provided cost estimates.
2008 — 2009	<b>Baton Rouge Downtown Two-Way Streets Project (Baton Rouge):</b> This project involved developing signal plans for intersections affected by the transition from one-way operation to two-way, including the intersections of South Blvd at S. Phillip and St. Louis Streets, Government St at St. Louis and St. Ferdinand Streets, and North Blvd at St. Louis and St. Ferdinand Streets. Jonathan led the signal design efforts which included signal plans, wiring diagrams, timing plans, and fiber optic communications.
April 2016 – July 2018	<b>Alabama Department of Transportation (ALDOT) ITS Specifications (Statewide AL):</b> ALDOT desired an upgrade of their special provisions into a standard specification in order to bring consistency throughout the state on ITS equipment. The specifications developed included material and construction for a plethora of items: fiber optic communications infrastructure, network switches and wireless radios, CCTV cameras, dynamic message signs, vehicle detection systems, ITS cabinets, environmental sensors, and an assortment of miscellaneous related ITS items. This required assessing multiple manufacturers and models for each device type. Further, Jonathan oversaw and supported the development of material lab test provisions for the equipment as well as acceptance testing provisions.

Name	<b>Diane C. Hammonds, P.E., PTOE, RSP<sub>1</sub></b>		Years of relevant experience with this employer	1	
Title	Principal		Years of relevant experience with other employer(s)	20	
Degree(s) / Years / Specialization			Bachelor of Science – Civil Engineering – 2002		
Active registration number / state / expiration date			P. E. No. 40749 / Louisiana / 09.30.2024 PTOE No. 7113 / National / 12.19.2025 RSP1 No. 798 / National / 03.14.2025		
Year registered	2016	Discipline	Civil Engineering		
<p><b>Diane C. Hammonds, P.E., PTOE, RSP<sub>1</sub></b>, currently serves ITS LLC as Principal. She has over 20 years of experience in traffic engineering specializing in Traffic/Transportation Engineering and Transportation Planning projects including traffic impact assessments, traffic signal design systems, traffic simulation modeling, access management reviews, safety studies, roundabout analysis and design as well as permit reviews and coordination. Ms. Hammonds has successfully completed hundreds of successful traffic &amp; transportation projects. Her unique skills to bring both the client and reviewing agency to agreement on the final product is an asset to the projects she is involved in. Diane has completed trainings and certification for the LADOTD Traffic Engineering Process and Reports (Parts I, II, and III) and other continuing education courses and training in HCS, Synchro, Roundabouts and the HSM and is proficient in Synchro, SimTraffic, HCS, VISTRO, SIDRA, CRASH 1, CRASH 3 and Microstation. Diane holds national certifications as a Professional Traffic Operations Engineer (PTOE) and Road Safety Professional (RSP1).</p>					
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).				
August 2023 – Present	<p><b>North Perkins Ferry Road Corridor Study (Calcasieu Parish):</b> Diane serves as the Lead Traffic Engineer for this corridor study. North Perkins Ferry Road connects LA 378 (Sam Houston Jones Parkway) to US 171 in the communities of Moss Bluff and Gillis. The objective of this project is to collect traffic data, analyze the existing operations, and develop alternatives that provide a phased approach to improvements. The selected alternatives may include intersection improvements, additional capacity through roadway widening, signal improvements, or other geometric changes.</p>				
July 2023 – Present	<p><b>Prater Road – Pete Manena to Maplewood Traffic Study (Calcasieu Parish):</b> Diane serves as the Project Manager and Lead Traffic Engineer for this study. Prater Road is a corridor that crosses I-10 in Calcasieu Parish. The two signalized intersections in this study experience high volume and extended queues during peak and off-peak periods. The corridor is anticipated to be utilized as a detour route for an upcoming I-10 closure which will result in increased volumes. The corridor is being evaluated for an adaptive signal system.</p>				
May 2022 – Present	<p><b>Country Club Rd at Ihles Rd Intersection Improvements, Calcasieu Parish Transportation Improvements (CPTI) Program (Calcasieu Parish):</b> Diane serves as the Lead Traffic Engineer for this project which consists of developing <u>geometric alternatives</u> and traffic analyses for operational and capacity improvements of a congested intersection in Lake Charles. Diane oversees the traffic analysis and <u>geometric design of alternatives</u>. This project is ongoing.</p>				
December 2022 – Present	<p><b>Ascension Parish Traffic Impact Studies IDIQ Contract:</b> Diane currently serves as the Lead Traffic Engineer for this IDIQ Contract. As a direct-contract consultant, ITS LLC performs traffic impact studies for proposed commercial and residential developments throughout the Parish. The scope of work includes performing traffic impact studies (TISs) for a variety of commercial and residential developments that may include subdivisions, multi-family developments (apartment homes), strip retail centers, big box stores, restaurants, office complexes, industrial facilities, and more. Each proposed development is unique and will have differing requirements for the studies.</p>				
August 2021 – May 2022	<p><b>Railroad Trail Project Signal &amp; Pedestrian Crossing Design, Tipton Associates on behalf of Louisiana Tech University (Lincoln Parish, LA):</b> Diane served as the Lead Traffic Engineer for the design and development of construction plans for the Tech Drive at Railroad Avenue Signal and Pedestrian Crossing, which included traffic evaluation, <u>geometric intersection design</u>, construction plans for the installation of</p>				


	accessible/audible countdown pedestrian signals, and pavement markings as part of FHWA BUILD Grant for pedestrian improvements throughout the Louisiana Tech campus and the City of Ruston.
July 2020 – March 2021	<b>Tech Drive Pedestrian Crossings, Louisiana Tech University (Ruston):</b> New student housing being constructed across a state highway from the main campus posed challenges for the thousands of students who would have to cross the highway each day. The University sought improvements to safety at these crossings. The scope included traffic engineering, <u>design and construction plans</u> , and permit assistance, along with coordination between Louisiana Tech and the Louisiana Department of Transportation and Development (La DOTD) for the development of construction plans for the installation of Rectangular Rapid Flashing Beacons (RRFB) at two midblock crossings. Diane served as Lead Traffic Engineer for the project.
July 2022 – Present	<b>Contract No. 4400021887 – Contract for Replacement of Fifteen Bridges, LADOTD District 08:</b> Diane is serving as the Project Manager and Engineer of Record for this contract. The firm’s work on this project includes the development of temporary traffic control plans and a Traffic Management Plan (Levels I-IV, varies) for the replacement of 15 different isolated rural bridges located in the boundaries of LADOTD District 08. The detour plans for each location are unique but collectively include the design and operation of temporary traffic signals, temporary detour roadways, and temporary bypasses using existing state routes.
August 2019 – March 2020	<b>LA-93 at Westgate Signal (Scott):</b> Diane served as the Technical Lead, Analyst and Design Engineer for the modification of the intersection to add a traffic signal. The temporary traffic signal at the intersection was needed to accommodate traffic during construction and closure of an adjacent roadway. Diane prepared the volumes forecasting and capacity analysis as well as report documentation, and signal design. The approval coordination included the LADOTD District 03 staff as well as Headquarters and the Lafayette Consolidated Government.
January 2022 – May 2022	<b>Traffic Signal – LA-433 at Town Center Parkway (St. Tammany Parish):</b> Diane served as the Engineer of Record and Lead Traffic Engineer for an Intersection Control Evaluation (ICE) analysis for the intersection of LA-433 (Old Spanish Trail) at Town Center Parkway. The scope of services includes providing traffic engineering analyses, traffic signal design, and permit assistance to Stirling Properties as required by the LADOTD. The evaluation included an MUTCD 2009 Edition Traffic Signal Warrant Evaluation, a crash review for a three (3) year period that included diagrams, locations, and summaries, an existing operating analysis, and an alternative intersection control for a traffic signal, an all-way stop, a roundabout, an R-Cut, and median UTurns.
August 2019 – June 2021	<b>S.P. No. H.009932 US 80 Widening: Vancil Rd to Well Rd EA (Ouachita Parish):</b> Diane served as a traffic engineer for this Environmental Assessment to improve the corridor by widening the existing roadway and implementing intersection improvement principles along a 1.4-mile portion of US 80. She has assisted in the existing/no-build, safety, and alternatives capacity analysis reports, which have been approved by LADOTD. She analyzed project impacts by coordinating and assisting in developing the line and grade study, cost estimates, and conceptual plans.
August 2019 – May 2022	<b>S.P. No. H.002297 LA 37 (Sullivan Road to Liberty Road) (East Baton Rouge Parish):</b> Diane served as the Lead Traffic Engineer and was responsible for managing and reviewing all submittals by the traffic sub-consultant, Gresham Smith. Diane ensures quality control and is assisting in the development of the Stage 0 Feasibility Study, Environmental Inventory, and conceptual plans
August 2019 – May 2022	<b>LA-93 (Westgate Road) at Eraste Landry Road (Scott):</b> Diane served as the Technical Lead, Analyst and Design Engineer for the modification of the intersection to add a traffic signal. The temporary traffic signal at the intersection was needed to accommodate traffic during construction which resulted in an adjacent roadway closure. Diane prepared the volume forecasting and capacity analysis as well as report documentation, and signal design. The approval coordination included the LADOTD District 03 staff as well as Headquarters and the Lafayette Consolidated Government.

Firm employed by Intelligent Transportation Systems LLC				
Name	Clarke Chauvin, P.E., PTOE, PMP		Years of relevant experience with this employer	7.5
Title	Project Engineer		Years of relevant experience with other employer(s)	3.5
Degree(s) / Years / Specialization		Bachelor of Science – Civil Engineering – 2013		
Active registration number / state / expiration date		P.E. No. 41770 / Louisiana / 09.30.2023 PTOE No. 4337 / International / 11.20.2023 PMP No. 1812148 / National / 11.31.2023		
Year registered	2017	Discipline	Civil Engineering	
<p>Clarke Chauvin, P.E., PTOE, PMP, currently serves ITS LLC as a Project Engineer. He has over ten years of experience in traffic engineering and design, including roadways, signal systems, ITS design, communications design, CE&amp;I, and maintenance. He has spent most of his professional career specializing in traffic signals, ITS design, maintenance, and all other aspects of design and implementation of technology for traffic purposes throughout the state. Clarke is a certified Project Management Professional (PMP), ATSSA Traffic Control Supervisor/Technician, and has certification as an IMSA Traffic Signal Technician – Level II. Clarke has completed trainings and certification for the LADOTD Traffic Engineering Process and Reports (Parts I, II, and III) and other continuing education courses.</p>				
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
August 2023 – Present	<p><b>North Perkins Ferry Road Corridor Study (Calcasieu Parish):</b> Clarke serves as a Project Engineer for this corridor study. North Perkins Ferry Road connects LA 378 (Sam Houston Jones Parkway) to US 171 in the communities of Moss Bluff and Gillis. The objective of this project is to collect traffic data, analyze the existing operations, and develop alternatives that provide a phased approach to improvements. The selected alternatives may include intersection improvements, additional capacity through roadway widening, signal improvements, or other geometric changes.</p>			
July 2023 – Present	<p><b>Prater Road – Pete Manena to Maplewood Traffic Study (Calcasieu Parish):</b> Clarke serves as a Project Engineer for this study. Prater Road is a corridor that crosses I-10 in Calcasieu Parish. The two signalized intersections in this study experience high volume and extended queues during peak and off-peak periods. The corridor is anticipated to be utilized as a detour route for an upcoming I-10 closure which will result in increased volumes. The corridor is being evaluated for an adaptive signal system.</p>			
May 2022 – Present	<p><b>Country Club Rd at Ihles Rd Intersection Improvements, Calcasieu Parish Transportation Improvements (CPTI) Program (Calcasieu Parish):</b> Clarke serves as a Project Engineer for this project which consists of developing geometric alternatives and traffic analyses for operational and capacity improvements of a congested intersection in Lake Charles.</p>			
September 2020 – Present	<p><b>H.013256 I-10 ITS Scott to Lake Charles (Acadia, Jeff Davis, and Calcasieu Parishes):</b> Clarke serves as Project Manager to provide ITS plans for 15 sites along the interstate, extending the existing ITS network and providing additional CCTV coverage along I-10 between Lafayette and Lake Charles. Clarke provided created ITS project plans which included CCTV at both new and existing ITS locations. In addition to coordinating with FAA for pole heights and existing communication utilities for fiber optic tie in points, Clarke worked with manufacturers to plan for retrofitting camera lowering systems to an existing site. Primarily tasked with the communications of the system, Clarke worked closely with LADOTD to ensure a reliable, redundant communication system that should provide exceptional performance for its life. Clarke is currently providing construction support to ensure a quality project.</p>			
August 2015 – July 2019	<p><b>SASOL Lake Charles Chemical Project – Adaptive Traffic Signal Systems (Westlake):</b> In support of the \$8.9 billion ethane cracker chemical plant expansion, Clarke provided signal design support for multiple intersections. His efforts included developing preliminary signal permit plans, developing timing models, conducting field investigations, providing quantities, constructability reviews, and signal construction inspection. Clarke’s experience in CE&amp;I make him an excellent resource for design since he’s able to identify constructability issues.</p>			




	<p>Additionally, Clarke provided support for the first Adaptive corridor installed in the state of Louisiana. Along Sampson St., an adaptive corridor was implemented and is currently operational. Clarke was involved in the Synchro modeling, TSI documentation, and producing as-built drawings for the system.</p>
February 2018 – July 2019	<p><b>System B (LA 108) Adaptive Traffic Signal Corridor (Westlake):</b> Clarke was the Project Manager for the implementation of the System B adaptive traffic signal corridor. In addition to allocating IP addresses, configuring devices (both for network communication and signal operation), and managing construction and coordination, Clarke worked to bring an isolated traffic signal into the adaptive system through cellular communication. Clarke worked with DOTD to use a private cellular network to remotely connect to the signal equipment. He configured the cellular modem to allow port forwarding of the devices required for the adaptive system and oversaw the installation and configuration for all of the equipment for these signals. The communication system is currently active and the signals have been integrated into DOTD’s adaptive system.</p>
June 2018 – July 2019	<p><b>US 90 Adaptive Corridor (Westlake):</b> Clarke performed network design and construction project management for the US 90 adaptive traffic signal corridor in Westlake, LA. In addition to performing the initial field wireless testing to determine appropriate frequency, power, mounting heights, etc., Clarke designed and allocated IP addresses for the various equipment at these intersections. He programmed controllers, switches, radar detection, and wireless Ethernet radios. The communication system is currently active and the signals have been integrated into DOTD’s adaptive system. Clarke is currently responsible for ongoing maintenance and performance monitoring and has set up network management software to collect performance data and notify ITS LLC and DOTD with issues.</p>
March 2019 – April 2020	<p><b>H.012661 D07 FYA – US 171 Adaptive Traffic Signal Corridor (Sulphur):</b> Clarke served as Project Manager in addition to performing network design, integration, and performance monitoring for the Adaptive traffic signal corridor installed in Sulphur, LA. From initial field wireless testing to device configuration and installation to network and traffic performance monitoring, Clarke was involved in creating a quality project with proven reliability and proven performance. Phasing construction to set up communications prior to the Adaptive turn on in November 2019 allowed ITS LLC to create a baseline for traffic operations to compare against active Adaptive system operation. ITS LLC also utilized NMS software to evaluate the network communications for speed, uptime, and reliability. Performance monitoring for the project is ongoing.</p>
April 2019 – May 2020	<p><b>LA 1256 (Ruth St.) Adaptive Traffic Signal Corridor (Westlake):</b> In order to create an adaptive traffic signal corridor along LA 1256, Clarke designed the communications network which would be responsible for handling all of the live traffic data for the corridor. For the adaptive corridor to function optimally, constant communication is required between the traffic signal and adaptive server at DOTD D07’s TMC. Clarke allocated IP addresses for the devices and equipment at each signal along the corridor. He evaluated the path required for VLAN through an existing DOTD fiber optic ring for communication between the project site and DOTD D07 TMC. He performed wireless testing to evaluate whether 2Ghz or 5Ghz band frequencies would provide better performance along the corridor. He determined proper configuration for each network switch and wireless radio along the corridor. Clarke serves as Project Manager in addition to performing network design.</p>



Name	<b>Colin Francis, E.I.</b>		Years of relevant experience with this employer	1	
Title	Engineer Intern		Years of relevant experience with other employer(s)	0.5	
Degree(s) / Years / Specialization			Bachelor of Science – Civil Engineering – 2021		
Active registration number / state / expiration date			E.I. No. 35053 / Louisiana / 09.30.2024		
Year registered	2021	Discipline	Engineer Intern, Civil		
<p><b>Colin Francis, E.I.</b>, currently serves ITS LLC as an Engineer Intern. Colin is a recent graduate and has two years of combined experience as a student and post-graduate Engineer Intern. Colin has assisted with a variety of traffic impact studies, safety analyses, and traffic signal design projects. . Colin has completed the LADOTD Traffic Engineering Process and Reports, Parts I, II, and III trainings.</p>					
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc.				
August 2023 – Present	<p><b>North Perkins Ferry Road Corridor Study (Calcasieu Parish):</b> Colin serves as an Engineer Intern for this corridor study. North Perkins Ferry Road connects LA 378 (Sam Houston Jones Parkway) to US 171 in the communities of Moss Bluff and Gillis. The objective of this project is to collect traffic data, analyze the existing operations, and develop alternatives that provide a phased approach to improvements. The selected alternatives may include intersection improvements, additional capacity through roadway widening, signal improvements, or other geometric changes.</p>				
July 2023 – Present	<p><b>Prater Road – Pete Manena to Maplewood Traffic Study (Calcasieu Parish):</b> Colin serves as an Engineer Intern for this study. Prater Road is a corridor that crosses I-10 in Calcasieu Parish. The two signalized intersections in this study experience high volume and extended queues during peak and off-peak periods. The corridor is anticipated to be utilized as a detour route for an upcoming I-10 closure which will result in increased volumes. The corridor is being evaluated for an adaptive signal system.</p>				
May 2022 – Present	<p><b>Country Club Rd at Ihles Rd Intersection Improvements, Calcasieu Parish Transportation Improvements (CPTI) Program (Calcasieu Parish):</b> Colin serves an Engineer Intern for this project which consists of developing geometric alternatives and traffic analyses for operational and capacity improvements of a congested intersection in Lake Charles.</p>				
December 2021 – May 2022	<p><b>US 190 at Market Street Extension (Tangipahoa Parish):</b> The scope of this study included traffic engineering services and permit assistance to Tangipahoa Parish Government for the Farris Property Development. Eleven intersections were included in traffic evaluations and analysis. This study conformed with the LADOTD Traffic Engineering Policy and Report (TEPR) requirements and amended directions included in the LADOTD COVID-19 Traffic Impacts Policy, consisted of traffic counts, turning movement counts, and driveway/residential roadway counts during the peak hour. Colin assisted with the preparation of the drafts and the final report, which included collected data, the existing safety analysis, the existing and no build analysis, and the alternative analysis. He compiled initial traffic count data to determine the peak period of traffic for the study area and performed the initial collection and compilation of crash history data from LADOTD to complete the existing safety analysis and crash diagrams.</p>				
December 2021 – May 2022	<p><b>LA 93 Traffic Impact Study (Lafayette Parish):</b> Colin served as an Engineer Intern on a study for the City of Scott to determine traffic impacts of three proposed developments, including two Intersection Control Evaluations (ICE) and a safety evaluation. Colin’s role included using the TEPR system of reporting to determine peak period and peak hour of traffic volume, implementing the use of ArcGIS to map the crash history of the corridor, and using excel to implement trip generation values to existing traffic volumes.</p>				
December 2021 – May 2022	<p><b>S.P. No. H.013367, Elm Grove Garden Pedestrian Improvements (East Baton Rouge Parish):</b> Elm Grove Garden Drive is a residential street with a public elementary school where there is an existing sidewalk on the school property but not along the corridor. The goal of this project is to provide 1.68 total miles of pedestrian facilities along the entire corridor. The residents of this area regularly travel to work, school, commerce, and recreation via walking and biking. The existing drainage facilities include open-ditch systems but will be upgraded as needed to accommodate the sidewalk construction. Colin assisted in MicroStation project plan design files.</p>				


16. Staff Experience:

	Firm employed by: <b>T. Baker Smith, LLC</b>			
	Name	<b>Kenny Belou, PE</b>	Years of relevant experience with this employer	1
	Title	<b>Lead Professional, Transportation</b>	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		45362 / Louisiana / 9/30/2023		
Year registered	2014	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Kenny will oversee the contract execution.		
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).			
<p>Kenny Belou is a licensed professional engineer and is TBS’ lead engineer 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. Kenny has experience delivering projects through alternative delivery methods including CMAR. He has designed projects in accordance with LADOTD’s Road Design Manual, Complete Streets Manual, Hydraulics Manual, Bridge Manual, AASHTO’s Geometric Design of Highways and Streets, and the LADOTD Standards and Specifications for Roads and Bridges.</p>				
<b>10/22 - Ongoing</b>	<p><b>US 190 at Northshore Blvd &amp; Camp Villere, LA DOTD; LA</b> – Project Manager. Project Manager and Supervising Engineer responsible for quality control review on plans, design criteria and project calculations for the multi lane roundabout at the intersection of US 190 and Northshore Blvd and a single lane roundabout at the intersection of US 190 and Camp Villere Rd. Responsible for the coordination with subconsultants and DOTD on the project deliverables.</p>			
<b>10/22 - Ongoing</b>	<p><b>LA 621 @ Roddy Road Roundabout, Move Ascension, Ascension Parish, LA</b> – Project Manager. Project Manager and Supervising Engineer for the design and plan preparation of a single lane roundabout at the intersection of LA 621 and Roddy Road. Responsible for quality control review on plans and design elements (horizontal and vertical alignments, drainage, sequence of construction, roadway geometrics, typical sections), design criteria and project calculations. Responsible for the coordination with subconsultants, Ascension Parish, the Move Ascension Program Manager, and LADOTD.</p>			
<b>06/23 - Ongoing</b>	<p><b>H.015087, Kenner Discovery School Sidewalk Project, Jefferson Parish, LA</b> – Engineering Support. Provided quality control reviews and engineering support for the design and plan preparation for this Transportation Alternative Project for LADOTD and the City of Kenner. Completed quality control reviews for conformance with LADOTD plan development and road design standards. Assisted lead design engineer with design elements including: sidewalk alignment, water distribution design, and grading.</p>			
<b>10/22 - Ongoing</b>	<p><b>MA-18-07, Braud Rd. &amp; Germany Rd. Roundabout, Ascension Parish, LA (Ascension Parish Government)</b> – Project Manager. Project Manager and Supervising Engineer for the design and plan preparation of a single lane roundabout at the intersection of Braud Road and Germany Road. Responsible for quality control review on plans and design elements (horizontal and vertical alignments, drainage, sequence of construction, roadway geometrics, typical sections), design criteria and project calculations. Responsible for the coordination with subconsultants, Ascension Parish, and the Move Ascension Program Manager.</p>			


## 16. Staff Experience:

<p><b>10/22 - Ongoing</b></p>	<p><b>US 190: LA 437 to US 190 Bus (Ph. 1), LADOTD, St. Tammany Parish, LA</b>- Project Manager. The project scope includes the design and construction of a new 1,400 foot bridge over the Bogue Falaya River in St. Tammany Parish, Louisiana. The bridge geometry includes both horizontal and vertical curvature and is super-elevated to near 4%. The project also includes roadway improvements and widening for the approaches to the bridge and intersection improvements to the adjacent LA 437 intersection. Kenny is the project manager responsible for the construction administration and construction support. Kenny coordinates with the LADOTD Project Manager, the LADOTD District Engineer, and Parish personnel to ensure timely response to contractor submittals and RFI's as well as requests for information for public meetings and community engagement.</p>
<p><b>10/22 - Ongoing</b></p>	<p><b>LA 20 Widening: LA 307 – S. Vacherie, LADOTD; St. James and Lafourche Parishes, LA</b> - Project Manager and Engineer of Record. Kenny is the project manager and roadway engineer of record for the asymmetrical widening of 2.7 miles of LA 20 to add 8' shoulders near Vacherie, LA. Project scope included horizontal and vertical geometry, drainage design (subsurface and open ditch), cross section roadway elements, and permanent signing and pavement markings. Provided quality control review of entire plan set ensuring compliance with LADOTD standards and coordination with in-construction state project located within the project limits of TBS project. Coordinated with LADOTD project manager, LADOTD pavement design section, LADOTD hydraulic section, and sub-consultants 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.</p>
<p><b>01/22 - 10/22 *</b></p>	<p><b>US 11 at Spartan Drive Roundabout, LADOTD, City of Slidell, LA</b> - Project Manager and Project Engineer for the design and plan preparation. Project scope is construction of four-leg multi-lane roundabout located at US Hwy 11 and Spartan Drive in Slidell, LA. Also included in scope is subsurface drainage and pedestrian and bicycle facilities to meet Complete Streets requirements. Tasks include: Job planning, design, coordination and oversight of sub-contractors, including topographic survey, geotechnical, and right-of-way plan development. Coordination with owner and LA DOTD. Design tasks include roundabout conceptual layout, AutoTurn analysis, subsurface drainage design.</p>
<p><b>12/22 - Ongoing</b></p>	<p><b>I-12 Widening (US 190 to LA 59), LADOTD, St. Tammany Parish, LA</b> - Project Manager. Kenny is the project manager responsible for the construction administration and construction support. He was responsible for the development of a revised permanent pavement marking plan to tie in to the adjacent I-12 widening project. He coordinated with the design engineer responsible for the adjacent widening project along with the LADOTD project manager to successfully complete the work. At the request of the LADOTD project manager, Kenny provided a quality control review of the adjacent project's plan sheets and provided comments on necessary revisions to meet current LADOTD standards. The accelerated schedule for the I-12 Widening project required constant communication and collaboration to complete construction support tasks.</p>
<p><b>10/22 - Ongoing</b></p>	<p><b>Rural Bridge Replacement Initiative – Phases 1 and 2, LADOTD, Statewide, LA</b> - Overall Project Manager. The overall project scope for phases 1 and 2 included the replacement of 87 bridges throughout fourteen Parishes in Northern Louisiana. The bridge lengths ranged from 20' to 340'. Kenny is the overall project manager and supervisor engineer, responsible for construction support for Phase I bridge projects and responsible for contract execution for Phase II. He is also responsible for quality control of all design elements including roadway design, hydraulic design, and bridge design. He works in constant coordination with internal task managers, the DOTD project manager, and sub-consultants for this fast-paced project.</p>
<p><b>2018 - 2022 *</b></p>	<p><b>H.013850; Duplessis Road Widening, Ascension Parish</b>- Project Manager for the design and plan preparation. Project scope is for road widening for the 1.65-mile project length, roadway curve realignment, open ditch drainage, and subsurface drainage. Project includes right-of-way acquisition: the design incorporates minimizing the disruption to properties along the roadway as well as improving the safety of the corridor. Also included is new railroad crossing approach and crossing. Project is part of the Move Ascension Program. Tasks include: Job planning; design; coordination and oversight of sub-contractors, including topographic survey, subsurface utility engineering, and geotechnical; coordination with owner, program manager, and LA DOTD; and reviewing right-of-way maps, real estate descriptions, and title reports. Design tasks include horizontal and vertical alignments including superelevation, intersection design, drainage design, and railroad approach design.</p>
<p>*Previous Employer</p>	

16. Staff Experience:

	Firm employed by: <b>T. Baker Smith, LLC</b>			
	Name	<b>TJ Stokes, PE</b>	Years of relevant experience with this employer	2
	Title	<b>Practice Leader, Transportation</b>	Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization		Bachelor of Science / 2009 / Industrial Engineering		
Active registration number / state / expiration date		45362 / Louisiana / 9/30/2023		
Year registered	2015	Discipline	Industrial	
Contract role(s) / brief description of responsibilities		TJ will oversee any Subsurface Utility Engineering efforts.		
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).			
<p>TJ Stokes has over 14 years experience in successfully managing numerous SUE projects specializing in transportation and roadway projects. In addition to serving as Transportation Practice Leader, TJ leads the subsurface utility engineering group, overseeing the completion of DOTD and MDOT retainer contracts along with numerous other public and private client projects. He has thorough knowledge of the Subsurface Utility Engineering standards listed in CI/ASCE Standard 38-02 and is familiar with all SUE technologies and equipment, including, ground penetrating radar (GPR), hydro/air vacuum excavation, and numerous other types of geophysical locating equipment.</p>				
<b>07/22 – 01/23</b>	<p><b>MA-20-01, Move Ascension Bluff Road, LA 73 Connector, Ascension Parish Government, Ascension Parish, LA – Project Manager.</b> Provided Subsurface Utility Engineering for the Bluff Road- LA 73 Connector project as part of the Move Ascension Program. Quality Level B services were provided throughout the project limits to determine the horizontal location of utilities to assist with the roadway design. Quality Level A test holes were also provided to provide vertical information where utilities would conflict with roadway or drainage design.</p>			
<b>03/21 – 06/22</b>	<p><b>Move Ascension Parker Road and LA 929 Widening, Ascension Parish Government, Ascension Parish, LA – Lead Professional.</b> Provided Subsurface Utility Engineering for the Parker Road and LA 929 Widening project as part of the Move Ascension Program. Quality Level B services were provided throughout the project limits to determine the horizontal location of utilities to assist with the roadway design.</p>			
<b>07/21 – 01/23</b>	<p><b>MA-22-01, Move Ascension LA 73 - Bluff Road Connector Roundabout, Ascension Parish Government, Ascension Parish, LA – Lead Professional.</b> Provided Subsurface Utility Engineering for the LA 73- Bluff Road Connector Roundabout as part of the Move Ascension Program. Quality Level B services were provided throughout the project limits to determine the horizontal location of utilities to assist with the roadway design. Quality Level A test holes were also provided to provide vertical information where utilities would conflict with roadway or drainage design.</p>			
<b>05/23 – Ongoing</b>	<p><b>Move Ascension, LA 44 &amp; Parker Roundabout, Subsurface Utility Engineering, Ascension Parish Government, Ascension Parish, LA – Lead Professional.</b> Provided Subsurface Utility Engineering for the LA 44 &amp; Parker Roundabout as part of the Move Ascension Program. Quality Level B services were provided throughout the project limits to determine the horizontal location of utilities to assist with the roadway design. Quality Level A test holes were also provided to provide vertical information where utilities would conflict with roadway or drainage design.</p>			
<b>3/21 – 12/22</b>	<p><b>NH-0055-04(096)V21/100222-203000-I-55 Widening Church to Goodman, MDOT, Mississippi – SUE Lead Professional.</b> Performed SUE services requested from Quality Levels D-A which helped to determine the actual location of existing utilities. Also performed utility coordination during design and construction for the relocation of existing utilities.</p>			


16. Staff Experience:

		Firm employed by: <b>T. Baker Smith, LLC</b>			
		Name	<b>Kelly Radecker, PE</b>	Years of relevant experience with this employer	4
		Title	<b>Lead Engineer, Roads</b>	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			45362 / Louisiana / 3/31/2024		
Year registered	2019	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Kelly will serve as a project engineer.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
<p>Kelly Radecker serves as lead engineer for projects that include roadway design, hydrologic and hydraulic analysis. She assists in these aspects for a variety of TBS’ LADOTD projects including, new high-speed rural corridors, roadway widening, reconstruction, roundabouts and off-system bridges. She is experienced with AASHTO geometric and roadside design guides, LADOTD plan production, SignCAD, AutoCAD, Microstation, InRoads, Torus, AutoTURN, and CADConform. Kelly is currently the lead design engineer and Engineer of Record of several ongoing project with LADOTD including several bridge replacement projects, LADOTD HYDR Programs, HEC-RAS and two roundabouts along US 190 in Slidell, LA.</p>					
<b>06/19 – Ongoing</b>	<p><b>S.P. H.012812 US 190 at Northshore and Camp Villere, LADOTD, St. Tammany Parish, LA</b> – Project Engineer/ Engineer of Record. Engineer for the design and plan preparation of a multi-lane roundabout at the intersection of US 190 and Northshore Blvd. and a single lane roundabout at the intersection of US 190 and Camp Villere. Responsible for the design of roadway elements including the H&amp;V alignments, roundabout geometrics, autotracking movements, typical sections, sequence of construction, pay item compilation and quantity take-offs. Created design report forms and cost estimates as well as assisted in coordinating the environmental process including the creation of exhibits to be utilized at Public Meetings. She coordinated with sub-consultants and provided quality control of design elements performed by the sub-consultant including temporary traffic signal design and roadway striping and signing sheets. Kelly was also responsible for hydraulic design/analysis and plan preparation of all cross drain, storm drain, and side drain pipes, including 2-54” SDP’s and 3-5’5’ RCB’s.</p>				
<b>07/19 - 09/19</b>	<p><b>Roddy Road (LA 935 to LA 621); Ascension Parish Government; Ascension Parish, LA</b> - Engineering Support. Engineering Support. Assisted with roadway design QA/QC and plan production.</p>				
<b>07/19 - 09/19</b>	<p><b>Braud Rd. &amp; Germany Rd. Roundabout; Ascension Parish Government; Ascension Parish, LA</b> – Engineering Support. Performed roadway design tasks including roadway geometrics, assisted with roadway design QA/QC and plan production as part of an Urban Arterial widening project. COST (Fees and Construction).</p>				
<b>09/17 – 05/19 *</b>	<p><b>S.P. No. H.012393, LA 98: Roundabout at Mills Street</b> – Engineering Support. Assisted in the design and plan preparation of a single lane roundabout at the intersection of LA 98 and Mills St. in Lafayette Parish. Responsible for the design of H&amp;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.</p>				
<b>06/19 – Ongoing</b>	<p><b>S.P. No. H.011152, I-12 (US 190 to LA 59), LADOTD, St. Tammany Parish, LA</b> – Engineering Support. Assisted with roadway design plan production. Developed highway signing design plans including ground mounted Sign Support locations, guardrail locations, and overhead sign support footing locations. Developed sign shop drawings using SignCAD, clearance diagrams for overhead signs, and Engineering Recor’d of Decision documents. Kelly provides construction support in the form of reviewing Contractor Submittals and RFI’s, specifically as they pertain to roadside and overhead signage.</p>				


## 16. Staff Experience:

07/20 – 06/22	<p><b>Contract No. 4400017598, Rural Bridge Replacement Initiative (Phase 1), LADOTD, Districts 04, 05, 08, and 58</b> – Engineer of Record. Lead Engineer for the design and plan production of 10 bridge replacements (4 state projects) throughout Central and North Louisiana. Prior to design, conducted project site visits, compiled survey field packs and survey request forms, and reviewed topographic survey deliverables. Responsible for the development of all road and bridge design elements including H&amp;V alignments, bridge hydraulic design, roadway cross sectional elements, guardrail calculations, geometrical layouts, summary sheets and cost estimates. Delineated the drainage basins for several sites, determined the peak discharge at each bridge site utilizing HYDR1130, and ran the hydraulics model through GEO-HECRAS to determine design water surface elevations, velocities, backwater, and flow area. Produced Final Hydraulic Reports and Scour Memorandum for several sites. Reviewed and assisted in the submission of all Environmental and Right-of-Way related deliverables including Wetland Delineations, SOV Packages, Categorical Exclusion Documents, Permit applications and Preliminary and Final R/W Maps. Also responsible for the development of all additional project documentation including Design Report Forms, Bridge and Hydraulic Design Criteria, Design Exceptions and Design Waivers.</p>
05/21 – Ongoing	<p><b>Contract No. 4400019336, Rural Bridge Replacement Initiative (Phase 2), LADOTD, Districts 04 and 05</b> – Engineer of Record. Lead Engineer for the design and plan production of 9 bridge replacements (1 state project) throughout North Louisiana. Prior to design, conducted project site visits, compiled survey field packs and survey request forms, and reviewed topographic survey deliverables. Responsible for the development of all road and bridge design elements including H&amp;V alignments, bridge hydraulic design, roadway cross sectional elements, guardrail calculations, geometrical layouts, summary sheets and cost estimates. Delineated the drainage basins for several sites, determined the peak discharge at each bridge site utilizing HYDR1130, and ran the hydraulics model through GEO-HECRAS to determine design water surface elevations, velocities, backwater, and flow area. Produced Final Hydraulic Reports and Scour Memorandum for several sites. Reviewed and assisted in the submission of all Environmental and Right-of-Way related deliverables including Wetland Delineations, SOV Packages, Categorical Exclusion Documents, Permit applications and Preliminary and Final R/W Maps. Also responsible for the development of all additional project documentation including Design Report Forms, Bridge and Hydraulic Design Criteria, Design Exceptions and Design Waivers.</p>
03/17 – 03/18 *	<p><b>S.P. H.011314, LA 22: Near I-10 Geometric Improv., LADOTD, Ascension Parish, LA</b> – Engineering Support. Provided assistance for the design and plan preparation of a single lane roundabout at the intersection of LA 70 and LA 22 in Ascension Parish. Assisted in the design of the roundabout geometrics and autoturning movements. Also assisted in the geometric and plan and profile sheets, as well as the development of project pay items, summary sheets, quantity take-offs and cost estimates.</p>
05/19 – 06/21	<p><b>S.P. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), LADOTD, St. Tammany Parish, LA</b> – Engineering Support. Assisted in roadway design and plan production. Performed quality control of inroads modeling and assisted in quantity take-off calculations. Reviewed roadway design plan sheets including Typical Section, Plan &amp; Profile Sheets, and Geometric Layout Sheets. Also performed quality control of R/W Maps to ensure concurrence with Construction Plans.</p>
01/16 – 05/19 *	<p><b>S.P. No. H.001661, Bayou Black Bridge, LADOTD, Caddo Parish, LA</b> – Engineering Support. Provided design and plan preparation assistance for the development of plans for the replacement of the existing bridge on LA 530 in Caddo Parish with a new Precast, Prestressed, Concrete Girder Bridge. Designed H&amp;V alignments, intersection geometrics improvements, autoturning movements, typical sections and sequence of construction. Also responsible for the development of project pay items, quantities and cost estimates.</p>
01/16 – 04/19 *	<p><b>S.P. No. H.000118, Bayou Fife Bridge, LADOTD, Bossier Parish, LA</b> – Engineering Support. Assisted in the design and plan preparation of the replacement of 2-200' long twin span bridges along US 80 in Bossier Parish. Responsible for the design of H&amp;V alignments, roadway and bridge detour geometrics, typical pavement sections and construction sequence sheets. Also assisted in the compilation of project pay items, quantity take-offs and cost estimates.</p>
*Previous Employer	

16. Staff Experience:

				<b>Firm employed by: T. Baker Smith, LLC</b>			
Name		<b>Brady Smith, PE</b>		Years of relevant experience with this employer		1	
Title		<b>Project Manager</b>		Years of relevant experience with other employer(s)		6	
Degree(s) / Years / Specialization				Bachelor of Science / 2016 / Civil Engineering			
Active registration number / state / expiration date				45362 / Louisiana / 9/30/2023			
Year registered		2021		Discipline		Civil	
Contract role(s) / brief description of responsibilities				Brady will serve as a project engineer on this contract.			
Experience dates (mm/yy–mm/yy)		Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).					
<p>Brady Smith serves as a project engineer for projects that include roadway design, spot bridge replacements and hydrologic and hydraulic analysis. He has experience in a wide variety of DOTD projects including roundabouts, interstate ramps, bridge replacements, roadway widening projects. Brady is experienced in AASHTO and LADOTD’s Geometric Design Guidelines as well as Bentley Inroads, Microstation and LADOTD’s HYDRWIN programs. He also has experience serving as a Project Engineer for several CE&amp;I projects awarded by LADOTD.</p>							
<b>02/22 – Ongoing</b>		<p><b>Contract No. 4400019336, Rural Bridge Replacement Initiative (Phase 2), LADOTD, Districts 04 and 05</b> – Engineer of Record. Lead Engineer for the design and plan production of 10 bridge replacements (4 state projects) throughout North Louisiana. Responsible for the development of all road and bridge design elements including H&amp;V alignments, bridge hydraulic design, roadway cross sectional elements, guardrail calculations, geometrical layouts, summary sheets and cost estimates. Delineated the drainage basins for several sites, determined the peak discharge at each bridge site utilizing HYDR1130, and ran the hydraulics model through GEO-HECRAS to determine design water surface elevations, velocities, backwater, and flow area. Produced Final Hydraulic Reports and Scour Memorandum for several sites. Reviewed and assisted in the submission of all Environmental and Right-of-Way related deliverables including Wetland Delineations, SOV Packages, Categorical Exclusion Documents, Permit applications and Preliminary and Final R/W Maps. Also responsible for the development of all additional project documentation including Design Report Forms, Bridge and Hydraulic Design Criteria, Design Exceptions and Design Waivers.</p>					
<b>04/17 - 02/19 *</b>		<p><b>S.P. No. H.010124, LA-16: Roundabout @ LA-447, LADOTD, Livingston Parish, LA</b> – Project Engineer. Responsible for roadway full-sized plan preparation, subsurface drainage design, curb and gutter drainage design, roundabout geometric design, construction phasing, temporary traffic control, required right of way determination and cost estimation. Scope includes replacing a 3-way stop intersection with a single-lane roundabout, which includes a bypass lane from westbound LA-16 to northbound LA-447. Also coordinated with the Environmental section and prepared permit drawings to be used to obtain project clearance.</p>					
<b>03/17 - 02/19 *</b>		<p><b>I-20 WB Off Ramp @ LA-617, LADOTD, Ouachita Parish, LA</b> – Project Engineer. Responsible for roadway letter-sized plan preparation, ramp geometric design, construction phasing, temporary traffic control and cost estimation. Scope includes replacing a single yield-controlled right turn lane with two signal-controlled right turn lanes.</p>					
<b>08/17 - 02/19 *</b>		<p><b>S.P. No. H.008312, LA-1042 Bridges Near Greensburg, LADOTD, St. Helena Parish, LA</b> – Project Engineer. Responsible for roadway full-sized plan preparation, bridge approach geometric design, diversion road geometric design, construction phasing, temporary traffic control, required right of way determination and cost estimation. Scope includes replacing three treated timber trestle bridges along LA-1042 with two reinforced concrete box culverts and one slab span bridge. Diversion roads are required at all three sites for traffic maintenance during construction.</p>					
*Previous Employer							

16. Staff Experience:

				Firm employed by: <b>T. Baker Smith, LLC</b>			
				Name	<b>Perry Smith, Jr.</b>		Years of relevant experience with this employer
Title		<b>SUE Project Manager</b>		Years of relevant experience with other employer(s)	18		
Degree(s) / Years / Specialization			Associate of Science / 2007 / Electronics				
Active registration number / state / expiration date			N/A				
Year registered	N/A	Discipline	N/A				
Contract role(s) / brief description of responsibilities			Perry will serve as SUE Project Manager on this contract.				
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).						
<p>Perry Smith, Jr. is a SUE Project Manager located in the Covington, LA office. He has over 20 years of experience in the utility field and has served in various roles. His field experience for LADOTD projects began in 2017 where he has been involved in dozens of SUE projects of various sizes across the state of Louisiana. He has participated in all stages of a SUE Project from field data collection to final deliverable preparation. Perry has a thorough knowledge of ASCE 38-22, and the technology required to achieve the necessary quality levels.</p>							
<b>03/22 - 09/22</b>	<b>MovEBR Plank – Nicholson, Subsurface Utility Engineering, City/Parish of Baton Rouge, Baton Rouge, LA – SUE Field Manager.</b> Providing SUE services with the 15 designated project sites in general accordance with the recommended practices and procedures described in ASCE Publication CI/ASCE 38-22, Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data.						
<b>01/22 – 07/22</b>	<b>S.P. H.012541.5, LA 594; Overpass I-20, LADOTD, Ouachita Parish, LA – Field Manager.</b> Managed the field staff providing Subsurface Utility Engineering Quality Level B and Quality Level C services and performed QA/QC on the field data.						
<b>11/21 – 02/22</b>	<b>S.P. H.014670.5, LA 1270: LA 77 to End of Control Section, LADOTD, Iberville Parish, LA – Field Manager.</b> Managed the field staff providing Subsurface Utility Engineering Quality Level B and Quality Level C services and performed QA/QC on the field data. Ensured all work was completed within the truncated time frame. LADOTD Location and Survey field staff performed the topographic survey and we ensured a smooth working environment for data collection.						
<b>06/21</b>	<b>MA-17-02, Roddy Road Widening (LA 935 to LA 61), Ascension Parish Government, Ascension Parish, LA – SUE Field Manager.</b> Scheduled and coordinated SUE field crews for the for the Roddy Road Safety Widening from US 61 to LA 935 as part of the Move Ascension Program. Project included geometric improvements to be made at the LA 429 intersection including Left-turn bays on the EB, WB and SB approaches and right-turn bays at the NB and SB approaches; Geometric improvements at LA 935 to include Left-turn bays at the EB, NB and SB approaches, right-turn bays at the NB approach; replacement of the bridges over New River and Bayou Narcisse.						
<b>06/21 - 01/23</b>	<b>IDIQ SUE Services, Contract No. 4400014661 (LADOTD) Statewide, Louisiana – SUE Field Manager.</b> Managed and coordinated the TBS SUE field crew. Provided field QC of designation data and crew coordination in the field and reviewed subsurface utilities that were collected in the survey file.						
<b>05/21 - 02/23</b>	<b>S.P. H.003931.5, Calcasieu River Bridge (HBI), LADOTD, Calcasieu Parish, LA – Task Manager.</b> Managed all Quality Level A SUE services and provided QA/QC for Quality Level B SUE services to ensure compliance with ASCE 38-02. Performed records research for all utility companies and verified all available records were obtained.						



16. Staff Experience:




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

Name	<b>Kaleb Brooks</b>	Years of relevant experience with this employer	2
Title	<b>SUE Field Manager</b>	Years of relevant experience with other employer(s)	6


Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Kaleb will serve as SUE Field 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).		
Kaleb Brooks is a SUE Field Manager experienced in Subsurface Utility Engineering and Utility Locating. He designates and locates subsurface utilities according to ASCE 38-02 Quality Levels A and B and acquires utility records for ASCE 38-02 Quality Level D investigations as well as collects necessary data for the use in a professional’s judgement for ASCE 38-02 Quality Level C investigations. Kaleb performs Quality Assurance checks on all field work performed to ensure the utility locations depicted are in accordance with ASCE 38-02.			
<b>02/23</b>	<b>H.015087, Kenner Discovery School Sidewalk Project, Jefferson Parish, LA</b> – Sr. Sue Technician. Communications with utility companies in project area. Documented utility company information and data for use by survey personnel for inclusion of utilities in topographic survey.		
<b>03/22 - 09/22</b>	<b>MovEBR Plank – Nicholson, Subsurface Utility Engineering, Baton Rouge, LA</b> – Sr. Sue Technician/SUE Party Chief. TBS is providing services with the 15 designated project sites. The limits of each site is the area encompassing the intersection plus an additional 50 feet in all roadway directions. Kaleb is providing professional SUE services for this project in general accordance with the recommended practices and procedures described in ASCE Publication CI/ASCE 38-02, Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data.		
<b>10/21 – 03/22</b>	<b>S.P. H.014747.5, Southern University Ravine Protection, LADOTD, East Baton Rouge Parish, LA</b> – Senior SUE Tech. Performed Subsurface Utility Engineering Quality Level B and Quality Level C field investigations. Utilized correct geophysical equipment to mark underground utilities. Ensured all work was completed within the truncated time frame.		
<b>06/21</b>	<b>MA-17-02, Roddy Road Widening (LA 935 to LA 61), Ascension Parish Government, Ascension Parish, LA</b> – Sr. Sue Technician/SUE Party Chief. Provided LA One Call scheduling and coordination for the for the Roddy Road Safety Widening from US 61 to LA 935 as part of the Move Ascension Program. Project included geometric improvements to be made at the LA 429 intersection including Left-turn bays on the EB, WB and SB approaches and right-turn bays at the NB and SB approaches; Geometric improvements at LA 935 to include Left-turn bays at the EB, NB and SB approaches, right-turn bays at the NB approach; replacement of the bridges over New River and Bayou Narcisse.		
<b>06/21 - 04/23</b>	<b>IDIQ SUE Services, Contract No. 4400014661 (LADOTD) Statewide, Louisiana</b> – Sr. Sue Technician/SUE Party Chief. Performed field SUE QL designation. Responsible for the preparation of detailed field notes for all utilities designated, field sketching of designation markings, and preparation of data sheets.		
<b>05/21 – 02/23</b>	<b>S.P. H.003931.5, Calcasieu River Bridge (HBI), LADOTD, Calcasieu Parish, LA</b> – Field Manager. Managed the field staff providing Subsurface Utility Engineering Quality Level B and Quality Level A services and performed QA/QC on the field data.		

16. Staff Experience:


	Firm employed by: <b>T. Baker Smith, LLC</b>			
	Name	<b>Adam Templet</b>	Years of relevant experience with this employer	2
	Title	<b>Sr. SUE Technician</b>	Years of relevant experience with other employer(s)	14
Degree(s) / Years / Specialization		N/A		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities		Adam will serve as Sr. SUE Technician on this contact.		
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).			
Adam Templet is a Sr. SUE Field Technician in the Prairieville, LA office. He is experienced in Subsurface Utility Engineering Designating and Utility Locating. He designates and locates subsurface utilities according to ASCE 38-02 Quality Levels A and B and acquires utility records for ASCE 38-02 Quality Level D investigations as well as collects necessary data for the use in a professional’s judgement for ASCE 38-02 Quality Level C investigations. He performs Quality Assurance checks on all field work performed to ensure the utility locations depicted are in accordance with ASCE 38-02.				
<b>10/21 - 04/23</b>	<b>IDIQ SUE Services, Contract No. 4400014661 (LADOTD) Statewide, Louisiana – Sr. Sue Technician/SUE Party Chief.</b> Performed field SUE QL designation. Responsible for the preparation of detailed field notes for all utilities designated, field sketching of designation markings, and preparation of data sheets.			
<b>08/22 - Ongoing</b>	<b>Move Ascension, LA 44 &amp; Parker Roundabout, Subsurface Utility Engineering, Ascension Parish Government, Ascension Parish, LA – Sr. SUE Technician.</b> Provided Subsurface Utility Engineering for the LA 44 & Parker Roundabout as part of the Move Ascension Program. Quality Level B services were provided throughout the project limits to determine the horizontal location of utilities to assist with the roadway design. Quality Level A test holes were also provided to provide vertical information where utilities would conflict with roadway or drainage design.			
<b>07/22 - Ongoing</b>	<b>MA-22-01, Move Ascension LA 73 - Bluff Road Connector Roundabout, Ascension Parish Government, Ascension Parish, LA – Sr. SUE Technician.</b> Provided Subsurface Utility Engineering for the LA 73 - Bluff Road Connector Roundabout as part of the Move Ascension Program. Quality Level B services were provided throughout the project limits to determine the horizontal location of utilities to assist with the roadway design. Quality Level A test holes were also provided to provide vertical information where utilities would conflict with roadway or drainage design.			
<b>01/22 – 07/22</b>	<b>S.P. H.012541.5, LA 594; Overpass I-20, LADOTD, Ouachita Parish, LA – Senior SUE Tech.</b> Performed Subsurface Utility Engineering Quality Level B field investigations and utilized correct geophysical equipment to mark underground utilities.			
<b>09/21 - 11/21</b>	<b>MA-20-01, Move Ascension Bluff Road, LA 73 Connector, Ascension Parish Government, Ascension Parish, LA – Sr. SUE Technician.</b> Provided Subsurface Utility Engineering for the Bluff Road - LA 73 Connector project as part of the Move Ascension Program. Quality Level B services were provided throughout the project limits to determine the horizontal location of utilities to assist with the roadway design. Quality Level A test holes were also provided to provide vertical information where utilities would conflict with roadway or drainage			

Firm		<b>AECOM Technical Services, Inc.</b>	
	<b>Derek Chisholm, AICP, ENV SP, LEED GA</b>		Years of Relevant Experience with this Employer
	Project Manager		Years of Relevant Experience with Other Employer(s)
Degree(s) / Years / Specialization	MPA/1997/Public Affairs • BS/1994/Organizational Management, Environmental Planning • Post-Grad Certificate/2022/Public Policy Implementation		
Active Registration Number / State / Expiration Date	AICP.147159/12.31.2023 • Leadership in Energy and Environmental Design, Green Associate/#10148303 • Envision Sustainable Professional • FHWA-NHI-142005 NEPA and Transportation Decision-Making		
Year Registered	N/A	Discipline	American Institute of Certified Planners
Contract Role(s) / Brief Description of Responsibilities	<b>AECOM Project Manager.</b> <i>Derek is a senior-level NEPA expert, living in Louisiana, with nearly 30 years of progressive experience. He has managed complex NEPA and permitting projects and has led the design of numerous bike and pedestrian improvements. He is a Complete Streets practice lead and published on same.</i>		
Experience Dates	Experience and qualifications relevant to the proposed contract.		
10/16–Present	<b>LADOTD, SPN H.004273.5, I-49 Lafayette Connector, Lafayette, LA.</b> <i>Environmental, Public Involvement.</i> The team is completing the Functional Plan for the I-49 corridor, which is structured around a context-sensitive solutions (CSS) approach. Derek originally served as the bridge between the public and stakeholder involvement of the CSS process and the environmental team. He set up the comment management system, co-leads the NEPA Task, and is facilitating the Section 106 consultation. He has been leading the break-out reevaluation for the first construction segment, and the development of the award-winning virtual reality open house. <i>2022 TransComm Award. DOTD received an Interactive Marketing award for the I-49 Lafayette Connector Virtual Reality Room.</i>		
11/17–04/20	<b>LADOTD, SPN H.001779.2, Jimmie Davis Bridge Supplemental EA, Bossier and Caddo Parishes, LA.</b> <i>Senior Advisor.</i> Derek provided quality control review and assisted with complex issues related to bicycling connectivity, Section 4(f) and the final FHWA comments on the preliminary, draft Supplemental Environmental Assessment (EA).		
03/06–02/13	<b>Columbia River Crossing, NEPA, IMRs, and Concept Development, Portland, OR.</b> <i>Consultant Environmental Team Manager.</i> This project included a major bridge over a navigable waterway with multi-modal improvements between Portland, OR, and Vancouver, WA. Derek worked with the design teams and others to prepare environmental documentation, plan amendments, and numerous impact analyses. Derek and his team managed various complex tasks, including reburial of tribal remains, de-minimis negotiations for park impacts, navigation and aviation vertical constraints, a Biological Opinion and take, construction phasing, marine mammal protection, and more. • <i>National Environmental Excellence Awards for Climate Change Evaluation and the Fish Hydro-acoustics Impacts Study</i>		
03/21–02/23	<b>FHWA Complete Streets National Baseline Assessment, Nationwide</b> <i>Project Manager.</i> Derek was selected to lead the first ever baseline assessment of how each of the 52 DOTs in implementing Complete Streets. Building off the Complete Streets Report to Congress, this study was conducted with full participation from all DOTs and guidance from senior FHWA leadership as well as technical review panel with over 20 national-level experts.		
11/18–2021	<b>FHWA Synthesis Report on Automated Vehicles (AVs) and NEPA, Nationwide.</b> <i>Project Manager.</i> Derek managed this national study of the manner in which AVs are being incorporated in NEPA analysis. The Synthesis Report includes over a hundred pages with a literature review covering all relevant legislation and guidance as well as the findings from numerous modeling studies showing the benefits of platooning, connectivity, and other advancements on highway system performance. The team interviewed various subject matter experts and DOT leaders who were working on AV deployment projects and NEPA studies, nationwide.		

03/14–09/16	<b>Lafourche Airport Connector Road EA, Port Fourchon, LA.</b> <i>Environmental.</i> Lafourche Parish and the Port partnered to provide this important new connection between the Port’s upland and coastal facilities. The DOTD had not provided funding for the EA but was collaborating with the Parish and Port on this effort. Derek led the development of the draft preliminary EA, design, and the public and agency coordination tasks. AECOM developed a TIGER Grant application as well. <i>(H number was not available during project duration)</i>
03/07–11/10	<b>ODOT Highway 99 Bypass NEPA, IJR, and IMRs, Yamhill County, OR.</b> <i>Public Involvement Lead, EJ Lead.</i> This project included conceptual design, environmental review, extensive outreach, and new and modified interchanges. Derek oversaw the public involvement efforts related to environmental justice for this major highway project in the rapidly urbanizing northwest Willamette Valley. He coordinated with social service organizations and led a number of outreach events targeting environmental justice communities that included low-income families, migrant farm workers, and others.
03/19–Present	<b>Gordie Howe International Bridge, Detroit, MI, to Windsor, Canada.</b> <i>Sustainability Lead.</i> AECOM designed and is delivering the longest span bridge in North America. Derek assisted the project based on his previous experience working on sustainable design and construction issues for similar projects. He helped in the pursuit of both LEED and ISI Envision certifications for the bridge and portals. • <i>Numerous awards, including Best Available or Innovative Technology Award. Windsor, Detroit Bridge Authority, Bridging North America, and AECOM for the Gordie Howe International Bridge, Post-NEPA Environmental Management and Compliance Program</i>
11/07–03/10	<b>WSDOT Alaska Way Viaduct Seattle Waterfront Promenade and Overlook Walk, Seattle, WA.</b> <i>Environmental.</i> Derek led the environmental justice analysis and authored the respective sections of the social discipline reports for Supplemental Draft EIS, and for the Final EIS. He led the development of an analytical model and outreach program to determine potential high and disproportionate impacts related to tolling of the facility. Following on his NEPA work removing the Alaska Way Viaduct from the Seattle waterfront, Derek assisted with the completion of a world-class promenade. The promenade was the subject of its own NEPA process.
10/18–Present	<b>ADOT I-11 Corridor Alternative Selection Report and Tier 1 Environmental Impact Statement (EIS), AZ.</b> <i>Environmental Justice Senior Advisor.</i> This study involves conducting alternatives analysis and preparing a Tier 1 EIS to assess a new 280-mile high-capacity, access-controlled transportation corridor in Arizona. Derek provided guidance and quality control.
05/10–8/13	<b>ODOT Clackamas River-Springwater Road Bridge, Clackamas, OR.</b> <i>Environmental.</i> This project developed and evaluated alternative river crossings in the core of Carver, OR. Derek led the public involvement discussions and aspects of the alternatives analysis. He also led the NEPA process. Issues included direct impacts to many businesses, a low-income manufactured home park, and historic resources.
07/08–09/10	<b>Portland-Milwaukie Light Rail Project, Willamette River Transit Bridge, Portland OR.</b> <i>Environmental.</i> Derek supported the built environment analysis, assisted modestly with the design (elements related to complete streets and the approaches), and worked on a shared environmental justice impact report and mitigation that were caused by a combination of this and other projects requiring the construction of a new facility for the light rail vehicles. • <i>National Honor Award. 2016 (ACEC), Best Highway/Bridge Project Award, 2016. Engineering News-Record (ENR), Northwest. Project of the Year, 2016. American Segmental Bridge Institute (ASBI)</i>
07/10–04/13	<b>WSDOT Mukilteo Multimodal Project, Mukilteo, WA.</b> <i>Environmental.</i> Derek wrote the socioeconomic technical report, assisted with environmental justice and cultural resource issues, and authored sections of the final documents. The City of Mukilteo and WSDOT worked together to develop solutions for the problems associated with the State ferry landing facilities. • <i>Outstanding Achievement Award. Excellence in Environmental Document Preparation, EIS Category, FTA, 2013</i>
10/05–04/07	<b>ODOT Bridges Visual Performance, Oregon, Statewide.</b> <i>Visual Assessment.</i> Derek led a team of ODOT project management specialists, engineers, visual specialists, and others in preparing the visual performance standards (VPS) for the Oregon Transportation Investment Act (OTIA) III State Bridge Delivery Program. The VPS established context-sensitive, performance-based, and programmatic aesthetic guidelines and standards for bridge repair or replacement projects. Derek managed the field investigations of over 200 bridges, and prepared visual context data sheets from which each bridge’s visual exposure and prominence in the visual environment was assessed.

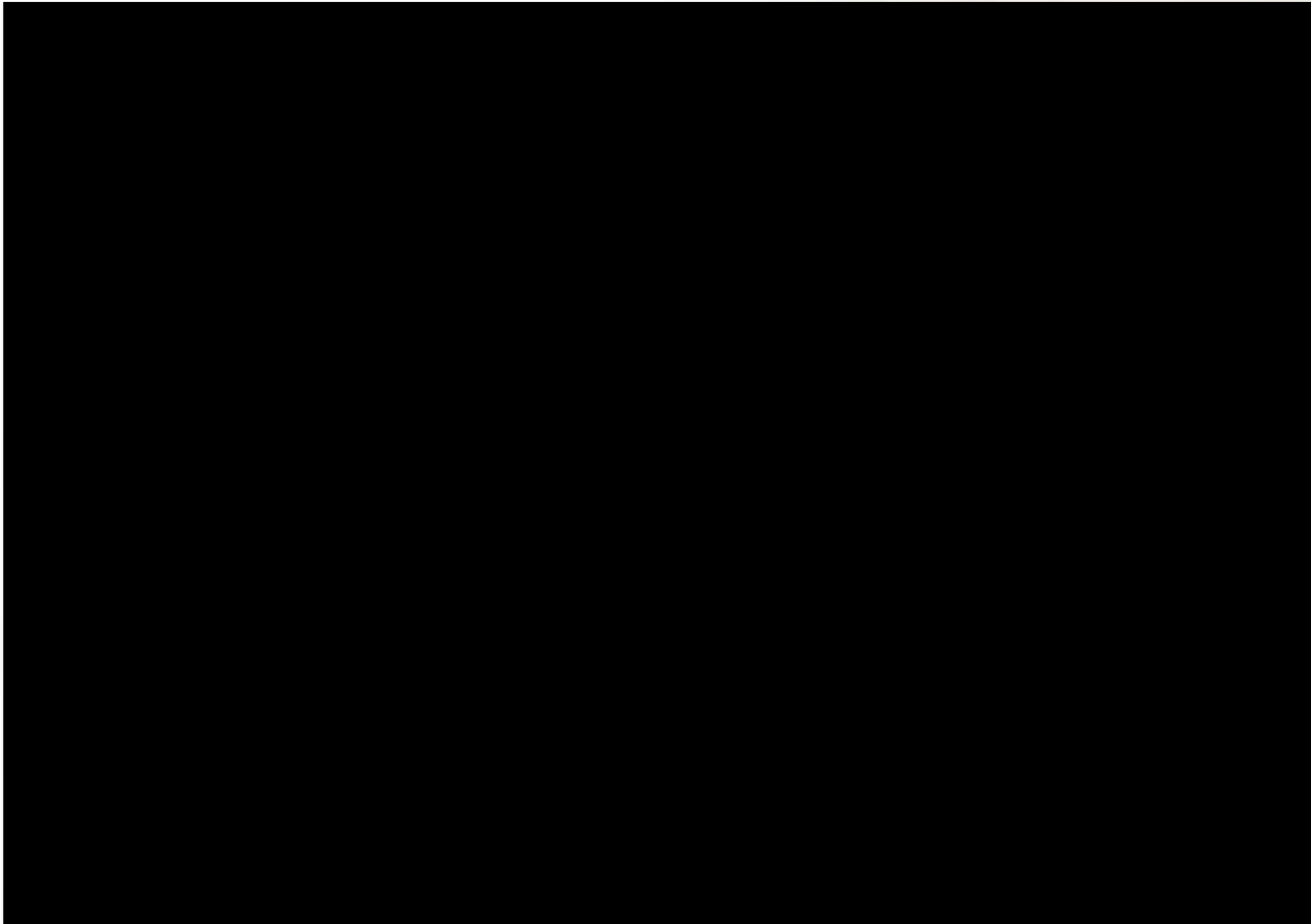
Firm		<b>AECOM Technical Services, Inc.</b>	
	<b>Jonathan Martinez</b>		Years of Relevant Experience with this Employer
	Environmental Planner		Years of Relevant Experience with Other Employer(s)
Degree(s) / Years / Specialization		BS/2002/Forestry and Ecosystem Management	
Active Registration Number / State / Expiration Date		USACE Wetland Delineation and Management (Reg. IV) Training Certified	
Year Registered		N/A	Discipline   N/A
Contract Role(s) / Brief Description of Responsibilities		<b>Environmental Planner.</b> Jonathan has over 20 years of experience in Louisiana, Mississippi, and Arkansas, developing NEPA analyses and permit applications for LADOTD, MDOT, and ARDOT projects.	
Experience Dates	Experience and qualifications relevant to the proposed contract.		
07/15–Present	<b>LADOTD, SPN H.004273.5, I-49 Connector Supplemental EIS, Lafayette, LA.</b> <i>Environmental Planner.</i> Jonathan assisted with the Supplemental SEIS being conducted for this 5.5-mile segment of I-49 South between I-49/I-10 interchange and the Lafayette Regional Airport through urban Lafayette. The work advances the project beyond the Record of Decision issued for the project by FHWA in January 2003. While the project initially required a reevaluation of the concept of the 2003 Selected Alternative, the passage of time, changes in the environment and community concerns have resulted in refinements to that concept that are substantial enough to warrant an SEIS. Jonathan's role is to write all of the natural environmental sections of the SEIS and assist with the review of the Phase I ESA and the Section 106 Consultation process. To date, he has performed the wetland delineation and preparation of the Section 404 permit as well as to work closely with other staff in the project development.		
09/15–02/19	<b>Port of St. Bernard SPN H.012752, Categorical Exclusion (CE), Weinberger Road at Highway 46, St. Bernard Parish, LA.</b> <i>Environmental Planner.</i> This project includes the realignment eastward and construction of a new intersection between Weinberger Road (Arabi Terminal Port Entrance Road) and Louisiana Highway (LA) 46 (St. Bernard Highway). Jonathan performed a wetland delineation and submitted that report to the USACE, receiving an approved Jurisdictional Determination. He also wrote the CE, which was approved by FHWA.		
01/03–04/12	<b>LADOTD, SPN H.006447.2 I-69 SIU, EIS, Claiborne and Webster Parishes, LA, Columbia and Union Counties, AR.</b> <i>Field Biologist.</i> Jonathan was responsible for fieldwork to determine the presence of threatened and endangered (T&E) species in the area, as well as wetland delineations and the study of a suitable crossing of the Bayou Dorcheat scenic stream. The I-69 Corridor's section of independent utility number 14 spans between Shreveport, LA, and El Dorado, AR, through a rural timber and poultry farming area.		
09/11–02/12	<b>LADOTD, SPN H.004580.5, Re-evaluation of EA and FONSI, US 190 in Mandeville from LA 22 to Lonesome Road, LA.</b> <i>Environmental Planner, Biologist.</i> This project reconstructed US 190 extending from LA 22 to Lonesome Road, including the construction of two new bridge structures over Bayou Chinchuba. This project is a re-evaluation of the original EA and FONSI completed in 1999 and revised in 2006. Jonathan was responsible for applying for a new Section 404 Wetland Permit and Coastal Use Permit as well as a T&E species survey and clearance, as well as additional field work, surveys, and coordination with state and federal agencies and submittal of a Wetland Findings Report and T&E Species Survey Concurrence.		


01/12–05/14	<p><b>LADOTD State Project No H.004730, EA, US 61/Tulane Avenue Corridor Improvements, Orleans Parish, LA.</b> <i>Environmental Planner.</i> This project includes improvements such as median widening, cold mill and overlay with restriping, and reconstruction of sidewalks along Tulane from South Carrollton Avenue to South Claiborne Avenue. The project implemented corridor improvements to enhance quality of life, livability, and sustainability in the corridor and will support future transportation demand and adjacent land use including pedestrian, bicycle, and transit system operations. The completed corridor improvements consist of amenities associated with a complete streets concept.</p>
11/10–10/13	<p><b>LADOTD, SPN H.004932, EA, US 90 at LA 318, St. Mary Parish, LA.</b> <i>Environmental Planner.</i> Jonathan assisted with an EA associated with a new interchange at US 90 and LA 318. The project was in a rural setting with concerns related to effects on existing utilities, agricultural lands, natural environment, and human environment. The interchange is located on a major east-west route that provides for hurricane evacuation and is part of the future I-49 Corridor. LA 318 Parkway is the major north-south connector from US 90 to the St. Mary Sugar Co-op and the Port of West St. Mary. The project is also critical to accommodate the future upgrading of US 90 to part of the Interstate System as I-49.</p>
07/15–11/15	<p><b>LADOTD, SPN H.004932, Supplemental EA, US 90 at LA 318, St. Mary Parish, LA.</b> <i>Environmental Planner.</i> Jonathan completed the Supplemental EA (SEA) as part of the design-build process, which included review and revision of the previous EA. He obtained a FONSI on a very aggressive schedule set by the DB contractor, FHWA, and DOTD.</p>
03/09–02/14	<p><b>LADOTD State Project Nos H.005201 and H.008732, Baton Rouge Loop, Implementation Plan and Tier 1 EIS Alternatives Evaluation and Travel Demand Modeling, Baton Rouge, LA.</b> <i>Environmental Planner.</i> Jonathan was a lead author for portions of the implementation plan and Tier 1 EIS were prepared for the proposed Baton Rouge Loop, a predecessor to this project to site a new Mississippi River Bridge in Metropolitan Baton Rouge. The alternatives evaluation examined a toll roadway concept that was studied in three units: South - I-10 on the west bank of the Mississippi River to I-10 on the east bank; East I-10 on the east bank of the Mississippi River to I-12 near Livingston; and North - I-12 near Livingston to I-10 on the west bank.</p>
10/10–05/15	<p><b>LADOTD SP No H.004424, EA, US 61 at LA 3125/Clearview Parkway, Jefferson Parish, LA.</b> <i>Environmental Planner.</i> Jonathan assisted with this EA associated with intersection improvements at US 61 and Clearview Parkway. The project is in a densely urban setting with numerous concerns related to effects on existing utilities, infrastructure, and human environmental. The intersection is location on a major east-west route that provides for hurricane evacuation as well as a bypass to I-10. Clearview Parkway is the major north-south connector from the Huey Long Bridge to I-10. The project is also critical to accommodate increased traffic projected with completion of the Huey Long Bridge widening.</p>
2008–2010	<p><b>Regional Planning Commission, LA 637, West 10th Street, Globalplex Internal Access Roadway EA Reserve, LA.</b> <i>Environmental Planner.</i> Jonathan provided environmental and GIS support for an EA for an improved roadway connection between the Port of South Louisiana's Globalplex facility in Reserve to US 61, approximately 2 miles north of the facility. Improvements involved some new right-of-way in an area of mixed commercial/industrial and residential land use. Jonathan was responsible for analyzing utilities, infrastructure, and potential commercial and residential impacts as well as impacts to the surface waters, soils, and hazardous materials. He also performed analysis for impacts to the floodplain and performed wetland delineations and T&amp;E species surveys as well as development and preparation of corresponding sections for the EA, including ArcView GIS graphics.</p>
02/09–02/09	<p><b>LA 10 Stage 0 Feasibility Study, St. Helena, Tangipahoa, and Washington Parishes, LA.</b> <i>Environmental Planner.</i> Jonathan provided environmental and GIS support for a Stage 0 Feasibility Study to identify geometric and operational deficiencies along LA 10 within three eastern Florida Parishes in south Louisiana.</p>

Firm <b>AECOM Technical Services, Inc.</b>			
 <b>Gregory Trahan, PE, RSP<sub>1</sub></b> Roadway Engineer	Years of Relevant Experience with this Employer 17		
	Years of Relevant Experience with Other Employer(s) 1		
Degree(s) / Years / Specialization	BS/2005/Civil Engineering		
Active Registration Number / State / Expiration Date	PE.0036041/LA/03.31.2025 • #833/RSP <sub>1</sub> /NA • Highway Safety Manual Workshop • 2015 ATSSA Certified–Traffic Control Technician/Supervisor/Flagger • 2016 ATSSA Certified–High Friction Surface Treatment Inspection & Installation • LADOTD Traffic Process and Report Parts 1,2, and 3 (2018) • 2019 ATSSA Certified–Traffic Control Supervisor Refresher		
Year Registered	2011	Discipline	Civil Engineering
Contract Role(s) / Brief Description of Responsibilities	<b>Roadway Design.</b> Gregory is a civil engineer with experience working with on roadway design teams. He has worked hard delivering credible and quality projects for AECOM since graduating college. During his time with AECOM, Gregory has served as a project engineer and project manager for many transportation, planning, design, specification, and construction projects. He was elected President of the Baton Rouge Louisiana Engineers Society in May 2020.		
Experience Dates	Experience and qualifications relevant to the proposed contract.		
08/22–Present	<b>MDOT, US 49, Orange Grove Boulevard to St. Charles Street, Harrison County, MS.</b> Project Manager, Engineer. Gregory is managing the overall project design and coordination with MDOT and subconsultants. This project consists of converting two median turn locations into directional left turns with a mill and overlay on the remaining six lanes of traffic. In addition to the road work, roadway drainage was altered to collect the runoff from the new drainage patterns.		
09/17–Present	<b>Coastal Protection and Restoration Authority, LA 23 Over Mid-Barataria Sediment Diversion, Plaquemines Parish, LA.</b> Project Engineer. Gregory assisted in the design plans for the new bridge and roadway structure over the new sediment diversion. The project consists of a new concrete precast girder bridge, approximately 2,200 feet in length, and the connecting asphalt roadway. Design plans include plan and profile sheets, drainage plan and profile sheets, and sequence of construction plans. Multiple construction activities will be conducted at one time. The sequence of construction is a critical element of design to manage traffic and maintain roadway operations even if evacuation routes would be required.		
05/20–Present	<b>Jones Creek Road Extension, Segment 1A, Jefferson Highway to Airline Highway, City of East Baton Rouge, East Baton Rouge Parish, LA.</b> Project Manager. Gregory prepared the Traffic, Phase I, Cultural Resources, and Wetland reports for the Design Report. The traffic analysis required for this segment of Jones Creek Road Extension includes the study of a major arterial road in Baton Rouge, Airline Highway (US 61). Gregory assisted in the data collection of Airline Highway, which included 7-day and 24-hour approach counts with classification, and turning movement counts. In addition, he collected the crash data required to analyze the existing crash analysis report. At this time, AECOM is continuing to work on No-Build and Build volumes to provide future Build Analysis		
05/14–Present	<b>LADOTD, Earhart Expressway Extension to US 61, Jefferson Parish, LA.</b> Project Engineer. Gregory is assisting with a traffic study involving the new extension of the Earhart Expressway, a six-lane urban freeway, to Airline Drive, a four-lane highway, for a total of 10 lanes. The study will include analyzing existing and future conditions along the US 61 (Airline Highway) and LA 3154 (Dickory Avenue). As part of this project, Gregory is analyzing design alternatives, traffic data collection (speed and vehicular classification) along the corridor, and crash data.		


02/07–06/10	<p><b>Baton Rouge Department of Public Works, Siegen Lane (LA 3246) Improvements, Highland Road to 650 Feet south of Perkins Road, Baton Rouge, LA.</b> <i>Project Engineer.</i> Gregory assisted in the design and plan development to widen a 1.18-mile segment of Siegen Lane to a four-lane boulevard. Tasks include the geometric design of the roadway, subsurface drainage, and the development of the sequence of construction. The drainage area encompassed approximately 225 acres. A study was conducted on the multiple detention ponds, using a pond modeling program to determine if the box culvert system would need to be upgraded. A HEC-RAS model was conducted on an existing drainage ditch crossing Siegen Lane so the proposed drainage would not exceed the existing tail water elevation. The sizing and spacing of culverts and inlets was determined using the LADOTD HYDRWIN hydraulics program. Gregory prepared quantities and cost estimates.</p>
11/04–12/07	<p><b>LADOTD, SPN 700-92-0016, Florida Avenue Bridge over IHNC, New Orleans, LA.</b> <i>Project Engineer.</i> Gregory assisted in the geometric design of two interchange ramps connecting to Florida Avenue Bridge and two relocated parking areas for two major public installations in the project area. He assisted in the design of girder splices for the steel main span alternative. He also assisted in the preparation of quantity calculations and cost estimates for the steel main span alternative.</p>
05/13–Present	<p><b>LADOTD, SPN H.001779.5, Red River Bridge at Jimmie Davis Highway (LA 511) EA, Bossier and Caddo Parishes, LA.</b> <i>Project Engineer.</i> Gregory assisted in preparing a feasibility study to widen the existing crossing of the Red River along Jimmie Davis Bridge and to connect shared-use bicycle and pedestrian paths on each side of the river. Tasks included a geometrics study of highway and interchange ramps to produce three feasibility alternatives.</p>
05/01-04/13	<p><b>LADOTD, Safety Retainer Contract, LA 935 Feasibility Study, Ascension Parish, LA.</b> <i>Project Engineer.</i> Gregory performed a Stage 0 on a segment of LA 935 from LA 431 to LA 22. He developed a conceptual alternative for the realignment of LA 935, including the typical section, design criteria, plan, and cost estimate. The road paralleling Black Bayou was realigned approximately 20 feet off the original alignment. This realignment allowed for the road to be widening to 12-foot lanes and add shoulders to provide a recovery area for drivers. AECOM also performed a cost analysis to ensure the feasibility of a build/no-build condition, minimize required right-of-way, and/or acquisition of properties.</p>
05/10–09/12	<p><b>LADOTD, SPN H.005171.1, I-49 Study to Identify Interim Improvements for Safety &amp; Efficiency, St. Mary Parish, LA.</b> <i>Project Engineer.</i> Gregory aided in identifying roadway projects that can provide increased capacity or improved safety along the existing US 90 corridor. Some of the improvements may upgrade portions of US 90 to interstate standards.</p>
04/12–06/14	<p><b>Safety Retainer Contract, US 167 Corridor Study, Lafayette Parish, LA.</b> <i>Project Engineer.</i> Gregory provided crash analysis and environmental inventory associated with the US 167 Corridor Feasibility Study. He collected and analyzed data to identify trends and determine overrepresented crash types. He developed collision diagrams and used Crash Modification Factors to analyze safety countermeasures proposed for each alternative. The study considered a 0.75-mile segment of a heavily traveled, heavily developed narrow five-lane urban roadway with semi-continuous bicycle lanes that has moderate use and a major intersection.</p>
12/01–04/17	<p><b>LADOTD, Safety Studies Retainer Contract, Low Cost Safety Improvements, Statewide, LA.</b> <i>Project Engineer.</i> Gregory assisted in the preparation of Safety Improvement Plans (SIP) for 282 systemic curves located throughout Louisiana. The tasks associated with this project include site visits to the curves, plan preparation of safety countermeasures for each curve, cost estimates for the plan set, and a pre-construction meeting with each DOTD district. Each site visit includes a ball bank test, photo, and an existing conditions documentation of each curve. The plan preparation includes deriving safety countermeasures at each curve location, preparing a letter size plan set of the safety countermeasures, including the Crash Modification Factors (CMFs) within the plan sheet, and preparing cost estimates for the safety countermeasures. After the completing each letter size plan sets, a meeting was held with each District to discuss countermeasures.</p>







Firm <b>AECOM Technical Services, Inc.</b>			
	<b>Troy Brumfield, PG</b> Environmental Compliance Program Manager	Years of Relevant Experience with this Employer	17
		Years of Relevant Experience with Other Employer(s)	16
Degree(s) / Years / Specialization	BSc/1990/Environmental Management Systems		
Active Registration Number / State / Expiration Date	PG.737/LA/04.27.2024 • RPG.1007/MS/12.31.2023 • PG.3720/TN/02.01.2025		
Year Registered	2021 (MS) • 2015 (LA) • 1995 (TN)	Discipline	Professional Geoscientist (LA) Professional Geologist (MS, TN)
Contract Role(s) / Brief Description of Responsibilities	<b>Environmental Specialist.</b> <i>Troy has managed numerous environmental projects and programs for various government and industrial clients. He has specific experience in air quality; stormwater management; Emergency Planning and Community Right-to-Know Act; Toxic Substances Control Act; Resource Conservation and Recovery Act; Comprehensive Environmental Response, Compensation, and Liability Act; National Environmental Policy Act; Oil Pollution Act; drinking water; and wastewater compliance and program implementation. He has conducted compliance assessments, environmental audits, geologic field investigations, contamination assessments, and plume delineations throughout the southeastern United States and Puerto Rico.</i>		
Experience Dates	Experience and qualifications relevant to the proposed contract.		
10/11–02/18	<b>USACE Fort Worth District, Remedial Investigations and Feasibility Studies, Fort Polk, LA.</b> <i>Project Manager.</i> Troy led the Remedial Investigation (Phase I and Phase II) of the 3400 Block area. His responsibilities included managing prime and subcontracts, internal project controls, Quality Control, status reports on work being performed, invoicing and pay requests, and other coordination and personnel support for the project team. He also provided technical guidance and support in developing all work plans, sampling plans, waste management plans, QA/QC, and other plans required to complete the work. The results of the remedial investigation for all areas of the site were compiled into a comprehensive report in accordance with Louisiana RECAP guidelines. Troy also managed RI/FS work to determine the extent of subsurface impacts and select appropriate remedial actions for Solid Waste Management Unit (SWMU) 23A, SWMU 26, Cubic Site, and the North Fort Fire Department site.		
01/13–Present	<b>Environmental Compliance Audits, Gulf Coast On-Shore Facilities, Confidential Client.</b> <i>Environmental Client Account Manager.</i> Troy is responsible for all environmental audits and related projects. He has coordinated, scheduled, and conducted Environmental Compliance Audits at multiple client-owned facilities throughout Louisiana, Mississippi, Florida, and Georgia and managed environmental audits conducted by staff members at specified client-owned facilities in other areas of the country. Each audit was conducted to evaluate the facility's fence-to-fence compliance with all federal, state, and local environmental regulatory requirements. The audits also included an evaluation of each facility's compliance with company-specific environmental directives, policies, and procedures. The findings were tabulated to produce a score sheet for each facility and a Remedial Work Plan was developed to provide guidance for achieving environmental compliance. Troy also implemented and oversaw the completion of multiple Phase I and Phase II ESAs at client-owned facilities located in Louisiana.		
06/20–Present	<b>U.S. National Guard Facilities, PFAS Preliminary Assessments and Site Investigations, MS.</b> <i>Senior Lead.</i> Troy is overseeing Preliminary Assessments (PA) and Site Inspections (SI) for per- and polyfluoroalkyl substances (PFAS) at U.S. Army National Guard (ARNG) facilities in the Gulf Coast Region. He has been involved with the development and review of several PFAS PAs for the ARNG and has also been involved with PFAS SI work, which includes work plan development, stakeholder presentations, field work execution and reporting.		


01/15–Present	<b>Environmental Program Manager, Fort Polk, LA.</b> <i>Program Management, Environmental Compliance.</i> Troy provides guidance and direction for the installation with respect to all environmental programs and media. He prepares and delivers materials, presentations, and command briefings to educate stakeholders regarding existing and upcoming environmental requirements and permit requirements and manages and provides direction for an onsite environmental compliance staff responsible for helping the Army sustain its Environmental Mission. Troy interfaces with regulators and other stakeholders on behalf of clients. He evaluates projects and activities and develop recommendations for mitigating impacts to various environmental media. He provides oversight and guidance related to development and updating of management plans and procedures to verify continued compliance and sustainability of environmental programs at Fort Polk.
01/08–01/09	<b>U.S. Air Force, Barksdale Air Force Base Environmental Baseline Survey, Bossier City, LA.</b> <i>Project Manager.</i> Troy provided project management and technical oversight of an Environmental Baseline Survey for Enhanced Use Leasing opportunities at Barksdale Air Force Base. The project included an evaluation of the overall environmental condition and UXO clearance requirements for over 11,000 acres of Air Force property.
06/07–Present	<b>USACE Fort Worth District, Release Detection Monitoring Program Support, Fort Polk, LA.</b> <i>Environmental Compliance Specialist.</i> Troy provided environmental regulatory guidance and program support to ensure Fort Polk's continued compliance with the RCRA Subpart X Operating Permit, which regulates waste treatment operations at the EOD Range. Specific support included preparation and submittal of Subpart X permit renewal application, implementation and maintenance of the Operating Record, development, implementation, and oversight of the release detection monitoring program for Open Burn and Open Detonation operations, interfacing with regulators regarding permit requirements and program implementation, HSWA permit compliance, and the development of Standard Operating Procedures for multi-increment sampling and related activities. Oversight of EOD Range sampling activities and preparation of the associated monitoring reports.
02/07–Present	<b>USACE Fort Worth District, Annual Environmental Management Performance Review, Fort Polk, LA.</b> <i>Project Manager.</i> Troy provided environmental guidance and program support to Fort Polk's Environmental and Natural Resource Management Division programs to document compliance with Fort Polk's Environmental Management System requirements. Specific data elements and metrics are compiled from each program within Fort Polk's Environmental, Conservation, and Natural Resource branches. These data are compiled into a comprehensive Environmental Management Performance Review, which is published annually and presented to Fort Polk's Top Management.
10/19–Present	<b>USACE Fort Worth District, RCRA Subpart X Permit Application, Fort Polk, LA.</b> <i>Team Leader.</i> Troy prepared and submitted Fort Polk's RCRA Subpart X (miscellaneous unit) renewal permit application associated with Explosive and Ordinance Disposal (EOD) operations at the EOD Range. Development of the Subpart X permit application included collaboration with Fort Polk Staff and Regulatory Agencies to ensure all areas of interest were adequately covered and discussed in the renewal application. The final RCRA Subpart X permit application was submitted to the Regulatory Agencies in 2020 and was determined to be technically complete. Once the regulatory agencies' review is completed, a new 10-year renewal permit will be issued for Fort Polk's EOD Range based on the application and other submitted information.
10/08–10/11	<b>U.S. Army, Environmental Program Support, Fort Bragg, NC.</b> <i>Project Manager.</i> Troy provided environmental regulatory oversight, client support, and day-to-day management of an onsite team and activities at Fort Bragg. Specific compliance support of Fort Bragg's environmental programs included hazardous and non-hazardous waste management, recycling, spill response, asbestos, lead-based paint, ozone-depleting chemicals, air quality, environmental training, and pollution prevention.

		Firm <b>AECOM Technical Services, Inc.</b>	
<b>Louis Costa</b> NEPA Specialist		Years of Relevant Experience with this Employer	22
		Years of Relevant Experience with Other Employer(s)	31
Degree(s) / Years / Specialization		MCP/1970/City Planning and Urban Design • BA/1964/Political Science and History	
Active Registration Number / State / Expiration Date		FHWA-NHI-142005 NEPA and Transportation Decision-Making • Introduction to Federal Projects and Historic Preservation offered through the General Services Administration	
Year Registered		N/A	Discipline   N/A
Contract Role(s) / Brief Description of Responsibilities		<b>NEPA Specialist.</b> <i>Louis is experienced in the environmental analysis of highway and transit facilities as well as the management of other land use, transportation, economic development, and historic preservation projects. For the last 29 years, beginning during his employment with the New Orleans Regional Transit Authority, his work has been primarily in the management, participation, and quality review of NEPA projects. He managed two EISs for the LADOTD that received Records of Decision (ROD), and participated in a third LADOTD EIS that received a ROD. He participated in the preparation of three other EISs that received RODs for transit projects, managed two LADOTD EAs that received a Finding of No Significant Impact (FONSI), and has participated in or completed quality reviews for numerous other highway and transit projects.</i>	
Experience Dates	Experience and qualifications relevant to the proposed contract.		
07/15–Present	<b>LADOTD, SPN H.004273.5, I-49 Lafayette Connector Supplemental EIS, Lafayette, LA.</b> <i>Environmental Task Lead.</i> Louis is managing the preparation of the SEIS for the 5.5-mile segment of I-49 South through urban area of Lafayette, LA. This assignment includes management of the Section 106 process for the project-both the Standing Structures Inventory Update and the consultation process. To date, work has involved preparing the Inventory Update and coordinating with the CSS and design team members in a Concept Refinement Process to identify alternatives to be studied in the SEIS.		
08/22–Present	<b>LADOTD, SPN H. 004891.5, Reserve to I-10 Connector, Ascension Parish, LA.</b> <i>Environmental Planner.</i> This project seeks to complete the EA and Interchange Justification Report for the planned connection between the Port of South Louisiana GlobalPlex facility, and other lands, directly to I-10 in Ascension Parish. Lou has supported the AECOM Task to determine funding sources and delivery methods.		
05/13–07/15	<b>LADOTD, SPN H.001779.5, Red River Bridge at Jimmie Davis Highway (LA 511) EA, Bossier and Caddo Parishes, LA.</b> <i>Project Manager.</i> Louis managed this EA to improve capacity of the LA 511 crossing of the Red River. Major concerns were community concern that the project is long overdue, commercial relocations, impacts to wetlands, and the inclusion of a shared use trail on the bridge to connect the existing trails on each side. A FONSI was issued by FHWA in 2015.		
02/03–01/08	<b>LADOTD, SPN 700-92-0011, I-49 South, Raceland to Westbank Expressway EIS, Lafourche, St. Charles, and Jefferson Parishes, LA.</b> <i>Project Manager.</i> Louis managed this EIS for 38 miles of interstate highway in the US 90 corridor. He led a team providing line and grade, public outreach, traffic analysis, website development, cultural resource investigation, and preparation of supplemental environmental reports. Originally the project was intended to prepare two EISs for each of two sections of independent utility. Following the review of the DEIS for SIU 1 comments and in response to the 2005 hurricane season, a single EIS was undertaken. AECOM performed line and grade and public outreach services as well as program management. Louis was the lead author of the EIS document. A ROD was issued by FHWA in 2008. This project was one of the first LADOTD projects to include a Project Management Plan mandated for mega-projects by SAFETEA-LU.		

10/00–10/05	<b>LADOTD, SPN 799-99-0230, I-49 South Lafayette Regional Airport to LA 88 EIS, Iberia, Lafayette, and St. Martin Parishes, LA.</b> <i>Deputy Project Manager.</i> Louis helped manage an EIS for 10.8 miles of new urban and suburban interstate highway in the US 90 alignment. Major issues included highly congested intersections at railroad grade crossings in industrial areas and community opposition. A ROD was issued by FHWA in 2005.
11/00–12/06	<b>LADOTD, SPN 700-99-0230, I-49 South, Wax Lake Outlet to Berwick EIS, St. Mary Parish, LA.</b> <i>Project Manager.</i> Louis managed an EIS for 9.3 miles of rural and suburban interstate highway in the US 90 alignment plus a 1-mile rural access road. Wetlands were largely avoided by the use of the existing alignment, but Louisiana Black Bear habitat and the proximity of a main line railroad paralleling US 90 were major concerns. The project included an extensive public participation program. Work involved standardizing travel lane widths, adding safety shoulders, and providing interchanges, frontage roads, and drainage improvements. A ROD was issued by FHWA in 2006.
01/12–03/14	<b>Maryland Transit Authority, Purple Line EIS, Suburban Washington, D.C.</b> <i>Environmental Specialist.</i> Louis was a member of the EIS team for the preparation of this document. Primary areas of his responsibility were the construction impacts, visual assessment, indirect and cumulative sections, and the responses to comments. A ROD was issued by FTA in 2014. <i>The project received the 2015 FTA Outstanding Achievement Award for Excellence in Environmental Document Preparation in the EIS category.</i>
07/08–08/12	<b>Metropolitan Atlanta Rapid Transit Authority, Atlanta BeltLine Tier 1 EIS, Atlanta, GA.</b> <i>Environmental Specialist.</i> Louis was a member of the EIS team for this major transit project to create a 23-mile light rail system and trails encircling the inner city of Atlanta in existing railroad corridors, including the creation of four major transfer facilities where the new rail line intersects with the existing MARTA heavy rail transit system. Louis prepared the transportation and land use sections and performed a quality control review of the other chapters. He also prepared the ROD that was issued by FTA in 2012.
03/95–10/97	<b>Regional Transit Authority, Canal Streetcar EIS, New Orleans, LA.</b> <i>Agency Project Manager.</i> Louis managed this project to reintroduce streetcar service on Canal Street. Work on the EIS began following a Major Investment Study. The scope included a new streetcar storage and maintenance facility, improvements to the existing streetcar manufacturing and maintenance facility, a transfer terminal at the outbound end of the line, and a connection to the Riverfront Line. Noise, utility conflicts, and historic preservation were major issues. A ROD was issued by FTA in 1997.
06/01–07/03	<b>LADOTD, SPN 700-26-0254, Harvey Boulevard, Wall Boulevard to Engineers Road EA, Jefferson and Plaquemines Parishes, LA.</b> <i>Project Manager.</i> Louis managed this EA to extend a suburban residential roadway on both an existing right-of-way and a new alignment to cross a canal to connect with Engineers Road (LA 3017). Major issues were noise, an adjacent seaplane facility, and community opposition based on expectation of truck traffic in a residential area. A FONSI was issued by FHWA in 2003.

Firm <b>AECOM Technical Services, Inc.</b>			
	<b>Tom Herzog</b> Senior Air Quality and Noise Specialist	Years of Relevant Experience with this Employer	19
		Years of Relevant Experience with Other Employer(s)	12
Degree(s) / Years / Specialization	MBA/1994/Finance • BA/1988/Physics		
Active Registration Number / State / Expiration Date	N/A		
Year Registered	N/A	Discipline	N/A
Contract Role(s) / Brief Description of Responsibilities	<p><b>Noise and Air Analysis.</b> Tom specializes in determining transportation air quality, noise and vibration impacts, and designing cost-effective mitigation measures. He uses the latest prediction methodologies, including the FHWA's Traffic Noise Model (TNM) for highway and bus rapid transit noise, the FTA's Transit Noise and Vibration Modeling Assessment guidelines, as well as other acoustical algorithms and methodologies to predict and assess noise impacts from highway and transit sources (such as pure tone mitigation). He has also used the FHWA Roadway Construction Noise Model and the FTA construction guidelines to assess noise and vibration impacts from, and develop mitigation measure for, proposed construction activities. Tom provides air quality technical services, including emission inventories and dispersion modeling for mobile and stationary sources of pollution as part of NEPA documentation and permit approvals for transportation and infrastructure projects.</p>		
Experience Dates	Experience and qualifications relevant to the proposed contract.		
03/16–Present	<b>LADOTD, SPN H.004273.5, I-49 Lafayette Connector Supplemental EIS, LA. Noise Analysis.</b> Tom is leading the effort to conduct roadway noise impact assessment and mitigation.		
01/14–07/19	<b>LADOTD, SPN H.001779.5, Red River Bridge at Jimmie Davis Highway (LA 511) EA, Bossier and Caddo Parishes, LA. Noise Analysis.</b> Tom conducted noise impact assessment and evaluated noise berms for this project to improve the capacity of the LA 511 crossing of the Red River.		
07/15–09/15	<b>LADOTD, SPN H.004932, Supplemental EA, US 90 at LA 318, St. Mary Parish, LA. Noise Analysis.</b> Tom conducted a noise impact assessment and evaluated noise barriers.		
11/05–04/12	<b>NYSDOT Tappan Zee Bridge Replacement Project, Alternative Analysis and EIS Phases, NY. Air Quality and Noise Analysis.</b> Tom conducted an air quality and noise assessment and evaluated noise barriers.		
06/17–06/19	<b>PennDOT I-78 / SR-61 Interchange EA &amp; Final Design, PA. Air Quality and Noise Analysis.</b> Tom conducted a noise impact assessment and designed noise barriers.		
03/19–07/19	<b>NCDOT Independence Boulevard, NC. Noise Analysis.</b> Tom conducted a noise impact assessment and evaluated noise barriers.		
11/14–05/19	<b>ConnDOT I-84 Hartford Project EIS, CT. Noise Analysis.</b> Tom conducted a noise impact assessment and evaluated noise barriers.		
10/15–09/16	<b>NYSDOT Hutchinson River Parkway / I-95 Interchange, NY. Air Quality and Noise Analysis.</b> Tom conducted an air quality and noise assessment and evaluated barriers.		
07/14–05/15	<b>MDDOT MD180 / SR 351 Ballenger Creek Extension, MD. Noise Analysis.</b> Tom conducted a noise impact assessment and evaluated noise barriers.		
05/14–12/15	<b>Pennsylvania Turnpike MP 298 to MP 302 Widening, PA. Noise Analysis.</b> Tom conducted a noise impact assessment and evaluated noise barriers.		
04/09–04/13	<b>MassDOT Fore River Bridge Replacement Project. Noise Analysis.</b> Tom conducted a noise impact assessment and evaluated noise barriers.		


		Firm	AECOM	
<b>Shelley R. Hartsfield, MA</b> Principal Investigator / Project Manager		Years of Relevant Experience with this Employer	17	
		Years of Relevant Experience with Other Employer(s)	0	
Degree(s) / Years / Specialization	MA / 2012 / Anthropology BS / 2001 / Anthropology			
Active Registration Number / State / Expiration Date	n/a			
Year Registered	n/a	Discipline	n/a	
Contract Role(s) / Brief Description of Responsibilities	<b>Archaeologist.</b> Will be responsible for providing Cultural Resources Support			
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).			
2020	<b>College Drive Perkins Road to I-10, City-Parish Project No. 19-EN-HC-0033, Baton Rouge, East Baton Rouge Parish, LA.</b> Ms. Hartsfield conducted the background study and coordination with the Louisiana State Historic Preservation Office regarding archaeological and historic resources for the undertaking.			
2020	<b>Phase I Cultural Resources Investigation of the proposed Jones Creek Road, Jefferson Highway to Airline Highway; and Phase I Cultural Resources Investigation of the proposed Jones Creek Road, Tiger Bend Road to Jefferson Highway, Baton Rouge, LA.</b> Ms. Hartsfield served as Principal Investigator and oversaw the archaeological field efforts and is the secondary author of the Phase I investigation report.			
2021	<b>Phase I Cultural Resources Survey Report for the Port of South Louisiana Globalplex Multi-Modal Connections Project, Reserve, St. John the Baptist Parish, LA.</b> Ms. Hartsfield served as Principal Investigator and oversaw the archaeological field efforts and is the secondary author of the Phase I investigation report.			
2020	<b>Phase I Cultural Resources Investigation of the East Gate Relocation Project, Barksdale Air Force Base, Bossier Parish, LA.</b> Principal Investigator. Ms. Hartsfield served as Principal Investigator and oversaw the archaeological field effort, was the author of the Phase I investigation report, aided in the contribution for cultural resources to the Environmental Assessment, and conducted the preparation and submission of all records produced from the investigation, submitted to the curatorial facility at Barksdale Air Force Base.			
2020	<b>Dallas to Houston High Speed Rail Archaeological Resources Survey, Federal Railroad Administration, Dallas, Ellis, Navarro, Freestone, Limestone, Leon, Madison, Grimes, Waller, and Harris Counties, TX.</b> Project Archaeologist. Ms. Hartsfield has coordinated the archaeological field effort, aided in the production of the Environmental Impact Statement contribution for cultural resources, produced the Programmatic Agreement for the project, and has coordinated with the lead federal agency and the Texas Historical Commission in support of compliance with Section 106 of the National Historic Preservation Act (NHPA), the Antiquities Code of Texas, and NEPA, as well as lead author and technical reviewer of the archaeological reports produced for this project.			


		Firm   AECOM	
<b>Gary Hawkins</b> Archaeology Technician		Years of Relevant Experience with this Employer	12
		Years of Relevant Experience with Other Employer(s)	0
Degree(s) / Years / Specialization	BA/2003/Anthropology		
Active Registration Number / State / Expiration Date	n/a		
Year Registered	n/a	Discipline	n/a
Contract Role(s) / Brief Description of Responsibilities	<b>Cultural Resources (Archaeology).</b> Will be responsible for providing Cultural Resources Support		
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
05/15 - 05/16	<b>Berwick Interchange Environmental Assessment, LADOTD, St. Mary Parish, LA.</b> Field Archaeologist. Cultural resources survey of a 112- parcel for the proposed US 90 / LA 318 at grade intersection.		
01/16 - 03/16	<b>LA 1042 Bridge Expansion, LADOTD, Helena Parish, LA.</b> Field Archaeologist. Phase I cultural resource survey and inventory surrounding HWY LA 1042 east of Greensburg, LA.		
02/15 - 02/15	<b>LA 3 Turn Lane Construction, LADOTD, Bossier Parish, LA.</b> Field Archaeologist. Phase I cultural resource survey and inventory surrounding HWY LA 3 north of Shreveport, LA.		
10/15 - 01/16	<b>Pigeon Creek Bridge Expansion, LADOTD, Helena Parish, LA.</b> Field Archaeologist and Technical Reporting. Site included several test units on a small prehistoric site. Report work included prehistoric ceramic analysis.		
05/17 - 06/17	<b>Tendal Road Cultural Resource Survey, LADOTD, Madison Parish, LA.</b> Field Archaeologist, Technical Writing, and Analysis. Survey conducted for the LaDOTD at the 16MA19 (Tendal Mound) site in Madison Parish, LA west of Tallulah.		
08/17 - 10/17	<b>Coteau Road Phase I Cultural Resource Survey, LADOTD, Iberia Parish, LA.</b> Field Archaeologist. Phase I assessment of a proposed expansion to LA 88 (Coteau Rd.) in Iberia Parish, LA. Included excavation and architectural assessment of potentially impacted homes.		
08/08 - 01/19	<b>Baton Rouge Loop Tier 1 Environmental Impact Statement, Capital Area Expressway Authority and LADOTD, Ascension, East Baton Rouge, Iberville, Livingston, and West Baton Rouge Parishes LA.</b> Technical Writer. Cultural resources reporting for a Tier 1 EIS for the proposed Baton Rouge Loop toll road project.		
09/13 - 04/14	<b>Perkins Road (LA427) Segment #1, From Siegen lane to Highland Road, Stantec Consulting Services, Inc., Baton Rouge, East Baton Rouge Parish, LA.</b> Field Archaeologist. Phase I cultural resources survey of a 3.14-mile long corridor improvement project.		
08/15 - 09/15	<b>GDOT, Hereford Farm Road Extension, Colombia County, GA.</b> Field Archaeologist. Survey of a 6.5-mile section of Hereford, Road near the city of Evans, GA.		



Firm <b>AECOM Technical Services, Inc.</b>	
 <b>Zoe Knesl</b> Environmental Scientist	Years of Relevant Experience with this Employer 15
	Years of Relevant Experience with Other Employer(s) 15
Degree(s) / Years / Specialization	MS/2002/Marine Science • BA/1994/Integrative Biology/Ecology • BA/1994/Studio Art
Active Registration Number / State / Expiration Date	ArcView 3.2 and GPS Mapping for GIS with Trimble Geo Explorer Certification • OSHA HAZWOPER 40-Hour Training, 8-Hour Refresher Training, and Annual Medical Exam • OSHA 30-hour Construction Supervisor Training • USACE Wetlands Delineation Training Certification #5535
Year Registered	N/A Discipline N/A
Contract Role(s) / Brief Description of Responsibilities	<b>Environmental Scientist.</b> <i>Zoe has 30 years of experience conducting field surveys, Phase I and Phase II Environmental Site Assessments (ESAs), and reporting, NEPA documentation and impact assessment, GPS data collection, wetlands delineation, and various laboratory procedures. She has conducted data collection, entry, and analysis on various ecological and environmental projects, including soil and water data and reporting. Zoe has authored sections on NEPA impacts for aquatic ecology, terrestrial ecology, wetlands, water resources, land use, and aesthetics/visual resources. She has organized sample collection and report generation. Her laboratory skills include stable isotope analysis; preserving organisms in formalin; identifying benthic invertebrates, plants, and marine and freshwater algae; and various procedures employed during forensic DNA analysis. She also has experience identifying plants and soil types.</i>
Experience Dates	Experience and qualifications relevant to the proposed contract.
11/20–04/21	<b>City of Baton Rouge, Baton Rouge LA.</b> <i>Environmental Scientist.</i> Zoe conducted a Phase I ESA of the right-of-way of the College Drive Corridor in Baton Rouge, East Baton Rouge Parish, Louisiana.
11/18–02/22	<b>Cotton Creek Capitol.</b> <i>Environmental Scientist.</i> Zoe conducted multiple Phase I ESAs on developed and undeveloped properties in Texas and Louisiana.
06/19–12/21	<b>City of Austin, TX.</b> <i>Environmental Scientist.</i> Zoe conducted multiple Phase I ESAs on a variety of properties in Austin, Texas.
10/08–03/19	<b>Siemens Water Technologies, Former Siemens Site, Long-Term Monitoring, New Orleans, LA.</b> <i>Environmental Task Manager.</i> Zoe conducted long-term monitoring of a facility, including field sampling, and generated quarterly and annual reports. She coordinated with the laboratory and facility and developed a proposal for additional investigation with a horizontal drill rig.
06/08–04/10	<b>U.S. Army Corps of Engineers (USACE), Phase I Environmental Site Assessments.</b> <i>Environmental Scientist.</i> <ul style="list-style-type: none"> <li>● <b>USACE Phase 1 ESA for Pump Stations, New Orleans, LA.</b> Zoe conducted a Phase I ESA of 26 sites in Orleans Parish for potential storm-proofing activities in the pump stations and water plant.</li> <li>● <b>USACE Phase 1 ESA Stockpiles, New Orleans, LA.</b> Zoe conducted a Phase I ESA of four large sites in Orleans Parish for possible stockpiling locations.</li> <li>● <b>USACE Phase 1 ESA, New Orleans, LA.</b> Zoe conducted a Phase I ESA of five miles of levees in Orleans Parish.</li> <li>● <b>USACE, Phase II ESA, New Orleans, LA.</b> Zoe participated in the analysis and preparation of a Phase II report investigating potential soil impacts adjacent to two floodwalls in Orleans Parish.</li> </ul>
04/10–07/10	<b>Veterans Administration and Federal Emergency Management Agency, Phase I ESA for New Hospital Site, New Orleans, LA.</b> <i>Environmental Scientist.</i> Zoe conducted a Phase I ESA of 39.8-acre site for an alternative location for the hospital. She participated in a scoping meeting and provided support for document preparation.


05/10–10/16	<b>U.S. Department of Veterans Affairs (VA), Dixie Brewery Phase II Investigation, New Orleans, LA.</b> <i>Environmental Scientist.</i> Zoe conducted several Phase II investigations with soil and water sampling. She assisted in taking over 100 soil samples and installing four temporary monitoring wells. She monitored asbestos and lead abatement activities and coordinated subcontractors for contaminated soil, underground storage tank, and hazardous waste removal. She coordinated with the VA, its contractors, and Louisiana Department of Environmental Quality regarding sampling, waste disposal, and RECAP requirements. She also performed data table organization, GPS coordinate logging, and regulatory research.
04/11–04/11	<b>USACE Phase I ESA, Pump Stations, Baton Rouge, LA.</b> <i>Environmental Scientist.</i> Zoe conducted a Phase I ESA of 11 sites in preparation for potential rebuilds and upgrades.
07/13–07/13	<b>Entergy Services, Inc., Phase II Limited Site Investigation and Phase I ESA, Various Locations.</b> <i>Environmental Scientist.</i> Zoe conducted and reported on a Phase I ESA of a boiler facility and a cooling facility for a power company.
06/14–05/19	<b>LANXESS Corp./Arlanxeo Groundwater Monitoring and Report Preparation, Orange, TX.</b> <i>Environmental Scientist.</i> Zoe conducted groundwater monitoring sampling and generated a draft annual report, including data evaluation and text.
09/15–09/15	<b>Entergy Corporation, Liquefied Natural Gas Power Plant Phase I ESA, El Dorado, AR.</b> <i>Environmental Scientist.</i> Zoe participated in the Phase I ESA of a LNG power plant, including site visit, draft report, and historical and governmental research.
02/16 and 08/19	<b>SCT&amp;E LNG Inc., Cameron, LA.</b> <i>Environmental Scientist.</i> Zoe completed a Phase I site assessment of an undeveloped island.
07/16–07/16	<b>Harris Corporation, Lafayette, LA.</b> <i>Environmental Scientist.</i> Zoe performed a Phase I ESA for an office/warehouse property.
09/17–09/17	<b>Pilgrim Energy Partners.</b> <i>Environmental Scientist.</i> Zoe performed a Phase I site assessment of three industrial/commercial properties in Scott, LA.
09/17–09/17	<b>The Bureau of Alcohol, Tobacco, Firearms, and Explosives (ATF) and Federal Occupational Health (FOH).</b> <i>Environmental Scientist.</i> Zoe conducted a Phase I ESA and a limited Phase II site investigation for the future location of a dog kennel on Redstone Arsenal.
07/18–05/19	<b>Cotton Creek Capitol. Phase I ESAs.</b> <i>Environmental Scientist.</i> Zoe completed eight Phase I ESAs for properties in Louisiana and Texas.
09/18–09/18	<b>Port of New Orleans, LA.</b> <i>Environmental Scientist.</i> Zoe performed environmental site research and review for properties on the Industrial Canal.
10/18–05/22	<b>Dallas Water Utilities, City of Dallas, TX.</b> <i>Environmental Scientist.</i> Zoe completed multiple Phase I ESAs, File Review/Screening Reports, Phase II ESAs, and Waste Characterization Reports.
11/18–11/19	<b>CF Industries, Phase I ESA.</b> <i>Environmental Scientist.</i> Zoe completed an ASTM compliant Phase I ESA of a vacant property located on the Mississippi River in Louisiana.
01/19–08/19	<b>Diamond Beverage, Fairmont Hotel, Dallas, TX.</b> <i>Environmental Scientist.</i> Zoe completed a Phase III Report, Response Action Plan, and a Response Action Completion Report.
05/19–08/19	<b>City of San Antonio, TX.</b> <i>Environmental Scientist.</i> Zoe completed a Phase I ESA for a 12-block corridor on Broadway Street.
04/19–06/19	<b>City of Austin, TX.</b> <i>Environmental Scientist.</i> Zoe completed two Phase I ESA Reports for properties in Austin.
06/19–08/19	<b>Cargill, Phase I ESA.</b> <i>Environmental Scientist.</i> Zoe completed an ASTM compliant Phase I ESA of a vacant warehouse property located in Louisiana.
08/19– 08/19	<b>Teachers Insurance and Annuity Association, Condrey Farms Phase I ESA, LA.</b> <i>Environmental Scientist.</i> Zoe conducted and authored a Phase I ESA of a 1,300-acre farm parcel in northern Louisiana.

		Firm   AECOM	
<b>Tanya McDougall, MS</b> Cultural Resources Lead / Project Manager		Years of Relevant Experience with this Employer	8
		Years of Relevant Experience with Other Employer(s)	9
Degree(s) / Years / Specialization		MS / 2008 / Historic Preservation BS / 2004 / History, Historic Preservation	
Active Registration Number / State / Expiration Date		n/a	
Year Registered		n/a	Discipline   n/a
Contract Role(s) / Brief Description of Responsibilities		<b>Historian.</b> <i>Will be responsible for providing Cultural Resources Support</i>	
Experience Dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).		
2021 - Ongoing	<b>Historic Resources Inventory for the Proposed Capital Metropolitan Transportation Authority High-Capacity Transit Orange Line Project in the City of Austin, Travis County, TX.</b> Principal Investigator. Tanya led the research, fieldwork, and documentation efforts conducted along the proposed rail corridor identifying 592 sites containing one or more historic resources with no previous NRHP designation. Of the surveyed historic resources, a total of 49 were found to demonstrate historical significance and retain sufficient integrity to qualify for listing in the NRHP. The information was compiled in a report identifying known effects issues with the ongoing project design, potential conflicts, and programmatic methods for meeting compliance actions.		
2021	<b>Environmental Assessment (EA) for the TEXRail Extension Project, Fort Worth, Tarrant County, TX.</b> Tanya served as the Principal Investigator in assisting the Federal Transit Administration and Trinity Metro meet requirements under Section 106 of the National Historic Preservation Act (NHPA). She led the project team in conducting research and fieldwork, client coordination, agency involvement, public involvement, and documentation efforts.		
2020	<b>Cultural Resources Investigation for the Texas Central Railroad Dallas to Houston High-Speed Rail Project Environmental Impact Statement.</b> Cultural Resources Lead. Tanya served as the Principal Investigator for the historic resources survey conducted, which traversed 240-miles and 10 counties between Dallas and Houston, Texas. She led a team of architectural historians and integrated the Section 106 coordination into the National Environmental Policy Act process, evaluating over 1,100 historic resources for NRHP eligibility. Her responsibilities for implementing the Section 106 coordination between the Federal Railroad Administration and the Texas Historical Commission included public involvement, Section 4(f) Evaluations, and developing and coordinating the Programmatic Agreement.		
2017	<b>Cultural Resources Investigations for the Oncor Permian Basin – Culberson 138 kV Transmission Line Project, Culberson, Reeves, and Ward Counties, TX.</b> Tanya led a team of cultural resources professionals and managed the background research, survey, and monitoring efforts conducted for the 97-mile Permian Basin - Culberson Transmission Line Project. She also conducted the deed title research for eight newly-recorded historic archaeological sites.		

	Firm	<b>AECOM Technical Services, Inc.</b>		
<b>Leslie Roche, AICP</b>		Years of Relevant Experience with this Employer	29	
Associate Vice President, Planning Manager		Years of Relevant Experience with Other Employer(s)	11	
Degree(s) / Years / Specialization		BA/1982/Anthropology		
Active Registration Number / State / Expiration Date		AICP.153604/National/12.31.2024		
Year Registered		2004	Discipline	American Institute of Certified Planners
Contract Role(s) / Brief Description of Responsibilities		<b>Environmental Planner.</b> <i>Leslie manages feasibility studies, corridor screening analyses, alternatives analyses, and preparation of NEPA-compliant documentation, traditional and tiered EISs, EAs, categorical exclusions, Section 4(f) and 6(f) evaluations, and technical studies consistent with the FHWA, Federal Transit Administration (FTA), Federal Railroad Administration (FRA), and state agency procedures. She has implemented community involvement efforts, including advisory committees, public meetings, and resource/regulatory agency coordination.</i>		

Experience Dates	Experience and qualifications relevant to the proposed contract.
07/03–09/08	<b>LADOTD, I-49 South EIS, Various Locations, LA.</b> <i>Environmental Task Manager.</i> Leslie was responsible for NEPA compliance in two FHWA EIS/Section 4(f) evaluations and secured a ROD for the upgrade of two segments of US Route 90, totaling 21 miles through Lafayette, St. Martin, Iberia, and St. Mary parishes, to interstate status. Key issues included purpose and need, port and energy industries as major traffic generators, local and regional traffic conflicts, hurricane evacuation, and potential impacts to businesses, industries, agriculture, and the natural environment. Leslie employed integrated planning in the forms of a merged NEPA/Section 7 process and extensive community involvement program.
04/05–06/08	<b>LADOTD, I-49 South EIS, Raceland to Westbank Expressway, St. Charles and Jefferson Parishes, LA.</b> <i>NEPA Compliance Lead.</i> Leslie assisted with this FHWA EIS/Section 4(f) evaluation and ROD for the upgrade of 35 miles of US Route 90 to interstate status. Key issues included purpose and need, port and energy industries as major traffic generators, local and regional traffic conflicts, hurricane evacuation, and potential impacts to businesses, industries, residences, and the natural environment.
01/17–03/22	<b>Arizona DOT, I-11 Tier 1 EIS and Alternative Selection Report, Nogales to Wickenburg, AZ.</b> <i>Section 4(f) Specialist and NEPA Advisor.</i> Leslie assisted with this new 280-mile section of the nationwide I-11 highway corridor initiative from Nogales on the Mexico border, through Tucson and Phoenix, to Wickenburg. She prepared a draft Section 4(f) Evaluation for a Tier 1 EIS of multiple corridor alternatives. As one of AECOM's National Practice experts in Section 4(f) and NEPA, she provided strategic guidance to ADOT in the form of white papers supported by case law and similar projects to support methodologies and decision-making. Key Section 4(f) issues included protected species and wildlife corridors on and between protected properties; tribal lands; and proximity effects to existing and planned communities.
05/04–09/06	<b>Arizona DOT, I-10 Corridor EIS, 7th Street to Santan Freeway, Phoenix, AZ.</b> <i>Environmental Task Manager.</i> Leslie analyzed impacts of proposed widening of the I-10 corridor and prepared EIS chapters in the areas of parks, cultural resources, environmental justice, and hazardous materials. She also performed the Section 4(f) evaluation.
02/19–12/19	<b>FRA, Dallas to Houston High-Speed Rail Project, Dallas, TX.</b> <i>Section 4(f) Specialist and NEPA Advisor.</i> Leslie delivered a Section 4(f) Evaluation as part of a combined FEIS/ROD for a new 240-mile high-speed passenger rail service. Key Section 4(f) issues included many family cemeteries along the proposed alignment and a strong focus on determining property protection under Section 4(f) based on primary use and significance.

05/04–02/06	<b>New York State DOT and Metropolitan Transit Authority, Tappan Zee Bridge Replacement, New York, NY.</b> <i>Section 4(f)/6(f) Manager, NEPA Advisor.</i> Leslie assisted with this multi-modal bridge, highway, and rail/bus transit improvements along the NY State Thruway. She managed cultural resources, Section 4(f) and 6(f) evaluations, natural resources, air quality, energy, and coastal zone consistency.
03/18–06/19	<b>Connecticut DOT, I-84 Interchange Improvements, Hartford, CT.</b> <i>NEPA Advisor, Section 4(f) Expert.</i> Leslie assisted in preparing an EIS for reconstruction of the existing, elevated highway in the City of Hartford. Key issues included integration of the new highway with the existing city context, reorganizing the street network for better connections and operations, organizing a new intermodal facility to address interconnections between Amtrak and rail and bus transit services, and historic property and park preservation.
01/18–08/18	<b>PennDOT, I-80 Reconstruction, SR 0080 Section 17M, Monroe County, PA.</b> <i>NEPA Advisor.</i> Leslie assisted with this EA and Section 4(f) evaluation to support replacement of 3.5 miles of I-80 in northeastern Pennsylvania. The project included capacity and safety improvements, local roadway operation improvements resulting from interchange reorganization. Key issues included constructability and construction impacts.
04/08–02/16	<b>PennDOT, District 6-0, I-95/SR 322 Interchange Improvements EA, Chester, PA.</b> <i>Environmental Task Leader.</i> Leslie was responsible for completing an EA and technical studies to address safety improvements. Key issues included local and through traffic concerns, access, environmental justice, wetlands, and historic resources.
10/09–11/10	<b>South Jersey Transportation Authority, Atlantic City Expressway Widening EIS, NJ.</b> <i>Environmental Task Leader.</i> Leslie was responsible for completing an Executive Order No. 215 EIS and technical studies; obtained state NEPA approval to add an additional westbound travel lane. Key issues included wetlands and permitting. (2009-2010)
01/18–12/18	<b>FTA NEPA Reviewer, Region 6, Dallas, TX.</b> <i>Extension of FTA NEPA Staff.</i> In a contract with the Dallas Area Rapid Transit, Leslie reviewed the DEIS, FEIS/ROD, and Section 4(f) Evaluations for the Cotton Belt Corridor Regional Rail Project, a new, 26-mile passenger rail service on a former freight railroad corridor between Dallas-Fort Worth International Airport and Plano, TX. She provided FTA-level comments on the documents, participated in FTA meetings about the project, and provided other documentation and observations about the project as requested by FTA. Key issues included historic resource/Section 4(f) impacts and mitigation.
05/16–08/17	<b>FTA and NJ TRANSIT, Southern New Jersey Bus Rapid Transit EA, NJ and PA.</b> <i>Section 4(f) and NEPA Manager.</i> Leslie delivered an EA, Section 4(f) evaluation, and Section 106 consultation for a new bus rapid transit (BRT) service between southern NJ and Philadelphia, PA. Key issues included bi-state and multiple jurisdiction coordination (PennDOT, NJDOT, and others), integration with other planned projects, and expediting strategies, including Section 106 Programmatic Agreement and phased implementation using existing facilities.
09/10–04/14	<b>FTA and Maryland Transit Authority, Purple Line, MD.</b> <i>Section 4(f) and NEPA Manager.</i> Leslie delivered this FTA award-winning FEIS/Section 4(f) Evaluation, and obtained a ROD for the multi-modal Purple Line light rail transit and trail project. The FEIS won FTA's 2015 <i>Outstanding Achievement Award of Excellence in Environmental Document Preparation</i> . It also included a National Park Service ROD. Leslie interfaced with the legal team on Section 4(f) strategy. A key focus was on verifying compliance with NEPA/Section 4(f) commitments in construction/operation.

Firm <b>AECOM Technical Services, Inc.</b>			
	<b>Jonathan Vavasseur, PWS</b> Senior Project Biologist	Years of Relevant Experience with this Employer	4
		Years of Relevant Experience with Other Employer(s)	15
Degree(s) / Years / Specialization		BS/2002/Wildlife and Fisheries Sciences	
Active Registration Number / State / Expiration Date		PWS #3029/National/NA • FHWA-NHI-142005 NEPA and Transportation Decision-Making/2016 • NHI 142073 Applying Section 4(f): Putting Policy to Practice/2017	
Year Registered		2018	Discipline   Certified Professional Wetland Scientist
Contract Role(s) / Brief Description of Responsibilities		<b>Wetland Specialist.</b> <i>Jonathan is a certified Professional Wetland Scientist with 17+ years of experience in environmental, regulatory, and ecological consulting with a strong concentration in wetland ecology. He has served as the team leader and field coordinator for environmental project teams. Jonathan has led various projects that range from wetland delineations, threatened and endangered (T&amp;E) species surveys, biological assessments, and environmental site assessments throughout the southeastern U.S. for federal and state agencies, municipalities, and private clients.</i>	

Experience Dates	Experience and qualifications relevant to the proposed contract.
11/20–04/21	<b>City of East Baton Rouge, College Drive Corridor Improvements, LA.</b> <i>Senior Biologist/Permitting Specialist.</i> Jonathan conducted wetland delineations, T&E surveys, and Section 404/10 permitting for all roadway segments within the proposed improvement corridors.
07/20–09/20	<b>City of East Baton Rouge, Jones Creek Road Extension, LA.</b> <i>Senior Biologist/Permitting Specialist.</i> Jonathan conducted wetland delineation and T&E surveys as well as Section 404/10 USACE permitting
02/19–08/20	<b>NASJRB, New Orleans, LA.</b> <i>Project Manager, Senior Biologist.</i> Jonathan conducted wetland and T&E species field surveys, technical reporting, and NEPA documentation for a 500+ acre proposed vegetation clearing project for the Department of Defense.
07/18–06/19	<b>Wanhua Chemical US Holdings, St. James Parish, LA.</b> <i>Project Manager, Senior Biologist.</i> Jonathan conducted wetland delineations and T&E species surveys for five sites. He was the lead permitting specialist responsible for obtaining USACE Section 404/10 permits and LADNR Coastal Use Permitting (CUP). Work included conducting wetland and T&E species field surveys and reporting as well completing and submitting all required federal and state regulatory permits.
02/15–07/15	<b>Colonial Pipeline Company Anomaly Digs.</b> <i>Lead Field Biologist, Permitting Specialist.</i> Jonathan conducted wetland delineations, T&E surveys, technical reporting, and habitat restoration for approximately 75 anomaly locations in Louisiana and Mississippi. Work included project coordination and conducting wetland, T&E field surveys, technical reporting, and regulatory permitting.
07/14–07/15	<b>Baton Rouge Metropolitan Airport.</b> <i>Lead field biologist and project coordinator</i> Jonathan conducted wetland delineations and technical reporting for an approximate 220-acre tract owned by the Baton Rouge Metropolitan Airport. Work included project coordination and conducting wetland delineations at the request of the New Orleans District, USACE.
08/15–08/18	<b>LADOTD (Biologist) DCL for FHWA Funded Highway Projects, Statewide, LA.</b> <i>Environmental Impact Specialist, DCL (Biologist).</i> Jonathan coordinated and oversaw all wetland projects for the LADOTD. He was the lead biologist responsible for coordinating all linear and tract wetland delineations and technical reporting for numerous federally funded highway projects all over the state of Louisiana. Work included serving as the environmental coordinator, coordinating and conducting the wetland and T&E field surveys, NEPA processing for federally funded highway projects, and as technical reporting for state highway projects.
04/13–02/15	<b>Port of Greater Baton Rouge, LA.</b> <i>Lead Field Biologist, Regulatory Specialist.</i> Jonathan conducted wetland delineations, T&E surveys, and regulatory permitting for numerous tracts owned by the Port of Greater Baton Rouge.

16. Staff Experience:

Firm employed by		Civil Design & Construction, Inc. (CD&C)	
Name	Karla E. Weston, PE	Years of relevant experience with this employer	18
Title	President	Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization		Bachelor of Science / 1999 / Civil Engineering	
Active registration number / state / expiration date		PE 31010 / LA / 2024	
Year registered	2004	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities		Mrs. Weston will oversee the firm's role as a sub-consultant and make sure the work is completed to all LADOTD standards.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
02/16 - 09/19	<u>H.003047 Pecue Lane/I-10 Interchange, Baton Rouge, LA:</u> Mrs. Weston served as Principal-in-Charge for the firm's role as a sub-consult for the engineering design services of the West bound on ramp to I-10, the West bound off ramp from I-10, the extension to Rieger Road and Pecue Lane Extension. She has worked to oversee the project design, coordinate with the prime consultant and government agencies.		
12/13 – 10/19	<u>H.02960 Gramercy Bridge, St. James Parish, LA:</u> Mrs. Weston served as Principal-in-Charge for the firm's role as a subconsultant for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project		
02/14 - 02/15	<u>H.010620 I-49 Design Build, Lafayette, LA:</u> Mrs. Weston provided QA/QC review for the Roadway Design Plans on this Design-Build Project for part of the I-49 South Corridor.		
05/13 – 05/14	<u>H.009288.5 LA 1 Railroad Bridge at DOW, WBR Parish, LA:</u> Mrs. Weston served as Principal-in-Charge for the firm's role as a sub-consult for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project. She has worked to oversee the firms design, coordinate with the prime consultant and government agencies.		
01/06 – 12/12	<u>EBR City/parish Project No. 06-CS-HC-0018, Fairchild-Badley Roadway, EBR Parish, LA:</u> Mrs. Weston served as Principal in Charge for this project that was approx. 1.25 miles in length along Fairchild-Badley Road and also included approximately 600 linear feet of Elm Grove Garden Dr. CD&C designed the upgrade to the existing narrow roadway to a typical section of 2-11' lands with a 2' barrier curb and gutter, and a 6' adjacent sidewalk. This included the design of a new sub-surface drainage system throughout the length of the project as well.		
03/12 – 07/12	<u>H.009104.5 - Sunshine Bridge Phase 2:</u> Ms. Weston served as Project Manager and Engineer for CD&C's portion of this Bridge Rehab Retainer Contract project which included the Traffic Management plans for the project. CD&C provided the Traffic Control design plans including detour maps of local road network for the repairs and widening to the Sunshine Bridge.		
05/11 – 04/12	<u>Red River – Jackson Street Bridge, Alexandria, LA:</u> Ms. Weston served as Project Manager and Engineer for CD&C's portion of this Bridge Rehab Retainer Contract project which included the Traffic Management plans for the project. CD&C provided the Traffic Control design plans including detour maps of local road network for the replacement of the Jackson Street Bridge over the Red River.		
06/12 – 10/12	<u>H.009986 – Paths 2 Progress. Jefferson, Orleans, Plaquemines, St. Bernard and St. Tammany Parishes – Group 33</u> Ms. Weston served as the Principal-in-charge/Project Manager for this roadway rehabilitation project of roads in Jefferson Parish. This included field reconnaissance to determine severity of inundated roadways due to Hurricane Katrina, preparation and detailing of roadway rehabilitation plans, typical sections, providing quantity calculations, etc.		



12/11 – 4/12	<u>H.005902.5 - Consulting Services for the Permanent Repair to Federal Aid Eligible Roads as a Result of Damage due to Hurricane Katrina in 2005. Jefferson, Orleans, Plaquemines, St. Bernard and St. Tammany Parishes – Group 29</u> . Ms. Weston served as the Principal-in-charge/Project Manager for this project which included survey, field reconnaissance to determine severity of inundated roadways due to Hurricane Katrina in the City of New Orleans, preparation and detailing of roadway rehabilitation plans, typical sections, providing quantity calculations, etc.
01/06 – 07/06	<u>Picardy Avenue Extension–City/Parish of East Baton Rouge</u> : Mrs. Weston served as Principal-in-Charge for this extension of Picardy Avenue, connecting Bluebonnet Blvd. with I-10 West. Duties included project layout and design as well as subsurface drainage design for approximately ½ mile.



16. Staff Experience:

Firm employed by		Civil Design & Construction, Inc. (CD&C)	
Name	Ralph Burgess, PLS	Years of relevant experience with this employer	12
Title	Principal Land Surveyor	Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization		BS / 2004 / Industrial Design & Supervision, Southeastern LA University	
Active registration number / state / expiration date		PLS 5040 / LA / 2024	
Year registered	2010	Discipline	Land Surveyor
Contract role(s) / brief description of responsibilities.		Mr. Burgess serves as the Survey Manager for this project. He will work to oversee the project progress stays on schedule, aide in both crew coordination and office production, and provide final QC on the firms' deliverable to the Prime Consultant. Mr. Burgess has an extensive background in providing topographic surveys for LADOTD in accordance with Location and Survey policies and procedures. He has overseen projects utilizing traditional means and methods of collecting data as well as those that include the use of 3D Terrestrial Scanning.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of specified in the applicable MPR(s).		
09/21 - 03/22	<u>H.014747 Southern University Ravine Protection, East Baton Rouge Parish</u> : Mr. Burgess was the Survey Manager for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of the sites at Southern University. The topographic data for this project was collected both traditionally and utilizing 3D Scanning. Mr. Burgess worked with SUE sub-consultant, TBS, as well as CD&C crews to obtain and incorporate all utility data as well.		
08/21 - On-Going	<u>H.011833.5 St. Mary Street Sidewalks, Scott, LA</u> : Mr. Burgess was the Survey Manager for this project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal will be in accordance with latest LADOTD Location and Survey standards.		
7/17 - 12/18	<u>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA</u> : Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD & Cardno, Inc for utility locations, coordination of crews and 3D terrestrial scanning crew along with office personnel, coordination. Special duties were merging of two state projects with project survey for final submittal to combine all projects together.		
03/22 - 09/22	<u>H.010960.5-2 Roundabouts at LA 182, Lafayette, LA</u> : Mr. Burgess served as Survey Manager for the project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.		
07/20 - 04/21	<u>H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish</u> : Mr. Burgess was the Survey Manager for this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. This included merging data from a previous survey on one portion of the site and field verifications of that data. The topographic data for this project was collected traditionally.		
01/18 - 01/20	<u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA</u> : Burgess was the surveying Manager for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.		



7/17 - 12/18	<u>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</u> Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD & Cardno, Inc for utility locations, coordination of crews and 3D terrestrial scanning crew along with office personnel, coordination. Special duties were merging of two state projects with project survey for final submittal to combine all projects together.
01/16 - 08/16	<u>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</u> Mr. Burgess served as Survey Manager for the project. Duties included complete topographic survey and drainage map for this project including all utility coordination. The survey began at the intersection of US 190 and Holiday Square Frontage Road. From this point, the survey proceeded in a northerly direction along US 190 for approximately 2.9 miles to a point that is 700 feet South of Intersection of US 190 and E. Boston St. in Covington, LA. This project also included work in the Abita River and utilized 3D Terrestrial Scanning for the main route.
10/15 - 12/18	<u>H.003184.5 I-10 Texas State Line –East of Coone Gully, Calcasieu Parish, LA:</u> Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD, coordination of traditional crews and 3D terrestrial scanning crew, coordination of utility companies on the project, review and verification of drainage crossing I10, merging of existing topographic survey of bridges from LADOTD and final review of all survey data for submittals
08/16 - 12/17	<u>H.011235 I-49 South at Verot School Road, Lafayette, LA:</u> Mr. Burgess served as the Survey Manager for the project. Duties included meeting with LADOTD, and all consultants on the team, coordination of both traditional crews and 3D terrestrial scanning crew, coordination of survey crews with Cardno, Inc, utility locations on the project, met and review right of entry with landowners for project, review of drainage map, merging of existing topographic survey of the I-49 Connector project from LADOTD with current survey of project, review of apparent right of way mapping for prime consultant, and final review of all survey data.
07/14 - 10/15	<u>H.011088.5 I-110 North Street to Plank Road, EBR Parish, LA:</u> Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD, coordination of traditional crews and 3D terrestrial scanning crew, review and verification of drainage map, merging and final review of all survey data for submittals. Other special duties were coordinating with LADOTD District 61 for a rolling lane closure for location of drainage located in the interior of the project along the existing crash wall. Also, coordination with LADOTD Records and EBR City Parish regarding the research of all drainage structures that enter and leave the project area.
04/17 - 07/17	<u>H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA:</u> Mr. Burgess served as Survey Manager on this project which included a complete topographic survey, utility coordination, channel cross-sections and the scanning of the existing vertical lift bridge for the design of its repairs/replacement. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning and hydrographic surveying.

16. Staff Experience:

Firm employed by		Civil Design & Construction, Inc. (CD&C)	
Name	Chris Ballard, PLS	Years of relevant experience with this employer	8
Title	Survey Project Manager	Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization		BS / 2004 / Biological Science / Southeastern LA University	
Active registration number / state / expiration date		PLS 5033 / LA / 2024	
Year registered	2010	Discipline	Land Surveyor
Contract role(s) / brief description of responsibilities.		Mr. Ballard serves as the Survey Project Manager for this project. He will work to oversee the project progress stays on schedule, aide in both crew coordination and office production, and provide final QC on the firms' deliverable to the Prime Consultant. Mr. Burgess has an extensive background in providing topographic surveys for LADOTD in accordance with Location and Survey policies and procedures. He has overseen projects utilizing traditional means and methods of collecting data as well as those that include the use of 3D Terrestrial Scanning.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of specified in the applicable MPR(s).		
09/18 - 01/20	<u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u> Mr. Ballard is the Surveying Project Manager for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.		
04/17 - 07/17	<u>H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA:</u> Mr. Ballard served as the firms Survey Project Manager on this project which included a complete topographic survey, utility coordination, channel cross sections, and the scanning of the existing vertical lift bridge for the design of its repairs/replacement. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning and hydrographic surveying.		
02/19 - 09/19	<u>Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA:</u> Mr. Ballard is serving Survey Project Manager for this project for East Feliciana Parish Police Jury. It includes the replacement of 2 bridges which were damaged from flooding and the repairs to many rural roadways throughout the parish. These projects are being funded thru FEMA and all documentation has to be in accordance with FEMA's policies and procedures.		
01/17 - 12/17	<u>East Baton Rouge Parish Bridges, East Baton Rouge Parish, LA:</u> In 2017, CD&C has performed topographic surveys for at least 4 Bridge Replacement Projects throughout East Baton Rouge Parish. Mr. Ballard served as Survey Project Manager on each of these projects which included cross-sectioning and tracing the channel at each location. These included bridges over Dawson Creek, Claycut Bayou, Copper Mill Bayou, and Cypress Bayou.		
10/16 - 11/16	<u>H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA:</u> Mr. Ballard served as the Project Manager for this Project. Among the duties performed for the project were review of the crew work conditions, review & processing of the survey data, verification, and review of final submittal. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer's design of the new bridge. To utilize data collection of the failed bridge, 3D Terrestrial Scanning was incorporated in conjunction with traditional means to complete the topographic survey. Due to the nature of the project being an Emergency Bridge replacement all staff worked on this project non-stop until field work was completed in less than 3 weeks.		



09/17 -09/17	<u>H.012650.5-1 District 62 Bridges, Livingston and Tangipahoa Parishes, LA:</u> Mr. Ballard served as a Survey Project Manager for this project which included 5 bridge sites in District 62. In addition to all of the existing data for the bridge and roadway at each site, each channel was cross-sectioned both upstream and downstream of the bridge. These included bridges over the US 190 Bridge over Gray's creek, 2 bridges on LA 442 both crossing East Hog Branch, LA 1063 over the Natalbany River, and US 51 over Ponchatoula Creek. Several of these bridges including the US190 one was surveyed utilizing 3D Terrestrial Scanning.
07/18 – On-Going	<u>Plank Rd Realignment, Baton Rouge, LA:</u> Mr. Ballard served as the Survey Project Manager on this project. CD&C was a sub-consultant on this project and was responsible for topographic surveying and ROW mapping for the realignment of Plank Rd. for Baton Rouge Metro Airport. This project includes 2 phases of relocations and ROW mapping. CD&C is providing full topography ROW mapping services for both phases.
10/15 - 12/18	<u>H.003184.5 I-10 Texas State Line – East of Coone Gully, Calcasieu Parish, LA:</u> Mr. Ballard served as the Survey Project Manager on this project which is a 6-lane widening of I-10. Duties performed on this project included the review of the survey information from crew, verification of project delivery schedule, processing of data and final review of submittal of project. 3D Terrestrial Scanning was used in conjunction with traditional means and methods for the completion of this project.
08/16 - On-Going	<u>H.011235 I-49 South at Verot School Road, Lafayette, LA:</u> Mr. Ballard served as a Survey PM on this project. Duties included aiding in the coordination of field crews for both topographic survey and property surveys for ROW mapping, QC review of data for submittals. CD&C is also providing complete ROW mapping on this project including property surveys and final ROW maps.
10/15 - 01/16	<u>H.011773 Hanks Dr/Landis Drive Pedestrian Improvements, East Baton Rouge Parish, LA:</u> Mr. Ballard served as the Survey Project Manager on this project that included a topographic survey and establishment of the ROW for Hanks Dr. for installation of new sidewalk.
06/11 - 09/13	<u>260-01-0028, H.002372 LA 42 Widening and Improvements, Ascension Parish, LA:</u> Mr. Ballard worked as a PLS on this project which included boundary and topography, establishing the existing ROW and acquisition of additional ROW.
07/17 - 12/18	<u>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</u> Mr. Ballard served as the Survey Project Manager on this project that includes a complete topo survey, utility coordination and drainage, along with finish floor elevations of all buildings that fall within the survey limits. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning.

16. Staff Experience:

Firm employed by		Civil Design & Construction, Inc. (CD&C)		
Name	Madison Mills, PLS	Years of relevant experience with this employer	1+	
Title	Professional Land Surveyor	Years of relevant experience with other employer(s)	4	
Degree(s) / Years / Specialization		BS / 2016 / Civil Engineering		
Active registration number / state / expiration date		PLS 5293 / LA / 2025		
Year registered	2022	Discipline	Professional Land Surveyor	
Contract role(s) / brief description of responsibilities.		Mr. Mills joined CD&C in 2021 as a Land Surveying Intern and has recently been licensed as a Professional Land Surveyor. He serves as a Survey Technician and assistant PM for CD&C working to manage field crews, process field crew data, and finalize deliverables.		
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of specified in the applicable MPR(s).			
08/22 – On-Going	<u>4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3:</u> Mr. Mills is working as a Survey PM this Louisiana Watershed Initiative project. He has been responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the final deliverables to the client. CD&C is a sub-consultant on this project.			
01/22 – 11/22	<u>4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2:</u> Mr. Mills is working as a Survey PM this Louisiana Watershed Initiative project. He has been responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the final deliverables to the client. CD&C is a sub-consultant on this project.			
09/21 – 03/22	<u>H.014747 Southern University Ravine Protection, East Baton Rouge Parish:</u> Mr. Mills served as a Survey Technician for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of the sites at Southern University. The topographic data for this project was collected both traditionally and utilizing 3D Scanning.			
08/21 – On-Going	<u>H.011833.5 St. Mary Street Sidewalks; Scott, LA:</u> Mr. Mills served as a Survey Tech for this project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal will be in accordance with latest LADOTD Location and Survey standards.			
03/22 – 09/22	<u>H.010960.5-2 Roundabouts at LA 182, Lafayette, LA:</u> Mr. Mills served as a Survey Tech for the project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.			
02/21 – 07/22	<u>H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek:</u> Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.			
02/21 – 07/22	<u>H.013955 LA 961 Bride at Sandy Creek, West Feliciana Parish, LA:</u> Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.			
02/21 – 07/22	<u>H.013956 LA 961 Bridge at Beamon Rd. Bayou Maringouin, Pointe Coupee Parish, LA:</u> Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.			



07/21 – 11/21	<u>H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School, Baton Rouge, LA:</u> Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.
02/21 – 05/21	<u>H.010108 Safe Routes to Schools – Independence Sidewalks, Baton Rouge, LA:</u> Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.
07/21 – 12/21	<u>H.0014560.5 LA 94 Vermillion River, St. Martin Parish, LA:</u> Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.

16. Staff Experience:

Firm employed by		Civil Design & Construction, Inc. (CD&C)	
Name	Bradley Jacobs, EI	Years of relevant experience with this employer	1
Title	Engineering Intern	Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization		BS / 2015 / Civil Engineering	
Active registration number / state / expiration date		EI 0032456 / LA / 09/30/2023	
Year registered	2015	Discipline	Engineering Intern
Contract role(s) / brief description of responsibilities		Mr. Jacobs will process field crew data and finalize deliverables.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of specified in the applicable MPR(s).		
08/22 – On-Going	<u>4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3</u> : Mr. Jacobs is working as a Survey Technician this Louisiana Watershed Initiative project. He has been responsible for processing field data and creating punch-lists for field crews. CD&C is a sub-consultant on this project.		
08/21 – On-Going	<u>H.011833.5 St. Mary Street Sidewalks; Scott, LA</u> : Mr. Jacobs is working as a Survey Technician on this St. Mary Street Sidewalks project. He has been responsible for processing field data and creating punch-lists for field crews. CD&C is a sub-consultant on this project.		
01/22 – 11/22	<u>4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2</u> : Mr. Jacobs is working as a Survey Technician on this Louisiana Watershed Initiative project. He has been responsible for processing field data and creating punch-lists for field crews. CD&C is a sub-consultant on this project.		
01/15 – 05/15	<u>Albany Annex</u> - Mr. Jacobs worked on the boundary survey for extending the town limits of Albany, Louisiana. Brad went to the courthouse and did title research for the properties that were obtained for the annex. He set the new boundary lines for the new town limits. He also drew the map showing the boundary of the properties that were obtained.		
06/15 – 06/19	<u>Pecue Lane</u> - Mr. Jacobs worked on Right of Way maps and the Traverse Control Sketch. For the Right of Way maps, Brad set where the monuments will be in the office. Brad also calculated the bearings and distances between each right of way monument. He also wrote the legal descriptions for the Right of Way and verified that it matches the maps. Brad also created the control sketch based off the traverse. All drawings were created up to DOTD Standards.		
06/15 – 07/15	<u>Essen Lane Control</u> - Mr. Jacobs worked on Right of Way maps in the office and helped set monuments in the field. Brad set the points for all the right of way monuments in the office and then went to the field to assist the crews in staking out and setting the monuments.		
04/21 – 05/21	<u>Jefferson and Corporate Interchange Survey</u> - Mr. Jacobs created the GPS control sketch that shows the traverse for the survey.		
06/2021	<u>Pollard Branch</u> - Mr. Jacobs wrote the legal descriptions for three different tracts. The legal descriptions reflected the overall boundary survey maps.		
06/14 – 07/14	<u>I-12 to Bush</u> – Mr. Jacobs worked as a rodman. Brad cut cross sections every 100 feet for road improvements and did a topographic survey using total stations.		


16. Staff Experience:

Firm employed by		Civil Design & Construction, Inc. (CD&C)	
Name	Trent Norris	Years of relevant experience with this employer	9
Title	Senior Technician	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			
Active registration number / state / expiration date		NSPS Certified Survey Technician, Level I Boundary Certificate No.: 0418-5963 ATSSA Traffic Control Supervisor, Technician & Flagger	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Mr. Norris serves as the firm's 3D Scanning Technician who will aide in field data collection as well as process all 3D scan data in the office and assist in any other processing to complete the submittal.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of specified in the applicable MPR(s).		
10/20 – 01/21	<u>H.014302 US 165 Lighting, Monroe, LA:</u> Mr. Norris served as the lead Survey Technician on this project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.		
01/18 – 01/20	<u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u> Mr. Norris was the #3D Scanning Technician for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.		
07/17 – 12/18	<u>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</u> Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.		
04/17 – 07/17	<u>H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA:</u> Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.		
08/16 – 01/18	<u>H.011235 I-49 Verot School Road, Lafayette, LA:</u> Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.		
10/16 – 10/16	<u>H.012728.5 LA 443 Emergency Bridge Replacement, Tangipahoa Parish, LA:</u> Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.		
10/15 – 12/18	<u>H.003184.5 I-10 TX State Line-E of Coone Gully, Calcasieu Parish, LA:</u> Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.		
01/16 – 07/16	<u>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</u> Mr. Norris served as the firm's 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.		





16. Staff Experience:

Firm employed by				Civil Design & Construction, Inc. (CD&C)			
Name	Scott Benton		Years of experience with this firm/employer	6			
Title	Senior Technician		Years of experience with other firm(s)/employer(s)	5			
Degree(s) / Years / Specialization							
Active registration number / state / expiration date				ATSSA Traffic Control Supervisor, Technician & Flagger			
Year registered		Discipline					
Contract role(s) / brief description of responsibilities			Mr. Benton serves as a Senior Technician specializing in 3D Terrestrial Scanning, processing, and extraction.				
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of specified in the applicable MPR(s).						
10/20 – 01/21	<u>H.014302 US 165 Lighting, Monroe, LA:</u> Mr. Benton served as the firm’s lead 3D Scanning Technician on this lighting project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.						
12/19 – 01/2020	<u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u> Mr. Benton served as a 3D Scanning Technician for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.						
03/14 – 06/14	<u>H.008369 Cleo Road Roundabout, St. Tammany Parish, LA:</u> Mr. Benton served as a Senior Technician on this project processing survey field data. CD&C was responsible for the topographic survey that began approximately 2400 ft. NW of intersection of I-59 and US Hwy 1090 and ended approximately 1000 ft. NW of intersection of I-59 and US Hwy 1090. The survey also included 500 ft. of Cleo Road and 175 ft. of Avenue D.						
05/13 – 07/13	<u>H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA:</u> Mr. Benton served as a Survey Crew Instrument Man and later as a technician on this project processing survey field data. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.						
02/13 – 06/13	<u>H.005693 LA 447, Walker, LA:</u> Mr. Benton served as a Survey Crew Instrument Man and later as a technician on this project processing survey field data. CD&C’s responsibilities included all fieldwork, utility coordination, review of existing survey data provided by LADOTD and all office work to produce the final product; this includes merging of supplied survey from LADOTD and survey by CD&C. CD&C also performed the tie-in of the new survey to the existing survey provided by LADOTD to produce an overall deliverable to be utilized in this design.						
10/14 – 12/14	<u>H.011088.5 West Prien Lake, Lake Charles, LA:</u> Mr. Benton served as Survey technician on this project processing survey field data. This project was to provide a topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.						
07/14 – 10/15	<u>H.010319.5 I-110 North St. to Plank Road, Baton Rouge, LA:</u> Mr. Benton served as the firm’s 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting necessary topographic data from them thru TopoDot to put into InRoads.						

16. Staff Experience:

Firm employed by		Civil Design & Construction, Inc. (CD&C)	
Name	Philip Dupree	Years of relevant experience with this employer	11
Title	Survey Party Chief	Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization			
Active registration number / state / expiration date		NSPS Certified Survey Technician, Level III, Boundary Cert. No. 0799-1106 Nationwide; ATSSA Certified as Registered Flagger ATSSA Certified Traffic Control Tech & Traffic Control Supervisor	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Mr. Dupree is the Senior Survey Party chief who will work to oversee a crew as well as aide in coordinating all crews with Survey PM to ensure field work is being completed timely and accurately.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
07/20 – 04/21	<u>H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish, LA:</u> Mr. Dupree was the Senior Party Chief & Field Coordinator for this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.		
01/18-02/2020	<u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u> Mr. Dupree is the Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.		
07/17-12/2018	<u>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</u> Mr. Dupree is serving as Field coordinator on this project by working specifically to set the control on the job and overseeing field crews as they work to complete the topography.		
10/15-12/2018	<u>H.011235 I-49 South at Verot School Road, Lafayette, LA:</u> Mr. Dupree served as Field coordinator on this project. He resurrected the original control set on the project and oversaw the checking of it. Mr. Dupree was the field coordinator with the R/R and also the SUE contractor on the project. He oversaw all field crews and ensured that the project was completed accurately and timely.		
01/16-08/2016	<u>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</u> Mr. Dupree served as Field coordinator on this urban roadway topography project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule.		
10/16-11/2016	<u>H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA:</u> Mr. Dupree served as Field coordinator on this project. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer’s design of the new bridge. To utilize data collection of the failed bridge, 3D Terrestrial Scanning was incorporated in conjunction with traditional means to complete the topographic survey.		
07/14/10/2015	<u>H.010319.5 I-110 North St. to Plank Road, Baton Rouge, LA:</u> Mr. Dupree served as Field coordinator on this heavily traveled Interstate project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule. He also coordinated with the district and state police to oversee the rolling lane closure that was required to obtain the drainage invert data.		
05/13-07/13	<u>H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA:</u> Mr. Dupree served as Senior Party Chief for this project located in West Baton Rouge Parish. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.		



10/14-12/14	<u>H.011088.5 West Prien Lake, Lake Charles, LA</u> : Mr. Dupree served as the Senior Party Chief for this project working to collect all field data as required by the project. This project was to provide a topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.
02/14-03/17	<u>H.010620 I-49 Design Build</u> : Mr. Dupree served as the Senior Party Chief for this project working to collect all field data as required by the project. CD&C also produced ROW maps for the project. Mr. Dupree also was the lead Party Chief for the property surveys on this project.

16. Staff Experience:

Firm employed by		Civil Design & Construction, Inc. (CD&C)	
Name	Jacob Stoehr	Years of relevant experience with this employer	8
Title	Survey Party Chief	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			
Active registration number / state / expiration date		ATSSA Traffic Control Technician, Flagger	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Mr. Stoehr will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
07/20 – 04/21	<u>H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish</u> Mr. Stoehr was a Party Chief on this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.		
01/18-01/2020	<u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u> Mr. Stoehr is the Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.		
07/17-12/2018	<u>H.010960.5-2, LA 30 Roundabouts at Tanger I-10, Ascension Parish, LA:</u> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
08/16-01/2018	<u>H.011235 I-49 Verot School Road, Lafayette, LA:</u> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
02/19 - 09/19	<u>Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA:</u> Mr. Stoehr served as a Jr. Party Chief on this project for East Feliciana Parish Police Jury. It includes the replacement of 2 bridges which were damaged from flooding and the repairs to many rural roadways throughout the parish. These projects are being funded thru FEMA and all documentation has to be in accordance with FEMA's policies and procedures.		
7/17 – 12/18	<u>H.003184.5 I-10 Texas State Line East of Coone Gully:</u> Mr. Stoehr served as an instrument man on this project by aiding the crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		

16. Staff Experience:

Firm employed by		Civil Design & Construction, Inc. (CD&C)	
Name	Alex Wells	Years of relevant experience with this employer	3
Title	Survey Party Chief	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			
Active registration number / state / expiration date		ATSSA TCS, TCT, Flagger	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Mr. Wells joined CD&C in 2020 as a Rodman and has worked his way up to a Party Chief. He will work managing a crew to collect topographic data in accordance with LADOTD code book and standard procedures.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of specified in the applicable MPR(s).		
09/21 – 03/22	<u>H.014747 Southern University Ravine Protection, East Baton Rouge Parish</u> : Mr. Wells served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
08/21 – On-Going	<u>H.011833.5 St. Mary Street Sidewalks; Scott, LA</u> : Mr. Wells served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
09/22 – 01/23	<u>BRMA Northwest Aviation Development</u> : Mr. Wells served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
07/20 – 10/21	<u>H.013989 Greybow Rd. Palmetto Creek</u> : Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
07/20 – 04/21	<u>H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish</u> : Mr. Wells was an Instrument Man on this project. CD&C was a sub-consultant on this project and was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.		
02/21 – 05/21	<u>H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School, Baton Rouge, LA</u> : Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
10/20 – 01/21	<u>H014302 US 165 Lighting, Monroe, LA</u> : Mr. Wells was an Instrument Man on this project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.		

16. Staff Experience:


Firm employed by		Civil Design & Construction, Inc. (CD&C)	
Name	Drennon Humphreys	Years of relevant experience with this employer	2
Title	Survey Party Chief	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			
Active registration number / state / expiration date		Flagger, TCT	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Mr. Humphreys will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of specified in the applicable MPR(s).		
08/22 – On-Going	<u>4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3</u> : Mr. Humphreys is working as a Party Chief on this Louisiana Watershed Initiative project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.		
01/21 – 06/21	<u>H.013959 Reeds Bridge Rd. Calcasieu River Relief, Allen Parish, LA</u> : Mr. Humphreys served as an Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.		
02/21 – 05/21	<u>H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek, Allen Parish, LA</u> : Mr. Humphreys served as an Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.		
02/21 – 01/22	<u>Move BR: Lee Drive – Highland Rd. to Perkins Rd., Baton Rouge, LA</u> : Mr. Humphreys served as an Instrument Man for this project. CD&C was a sub-consultant on this MoveBR widening project is responsible for topographic and ROW surveying for this 1.8 mile road improvement project as part of the Move BR infrastructure initiative.		
04/21 – 12/21	<u>Move BR: Hennessy Blvd. –Perkins Rd. to Picardy Ave., Baton Rouge, LA.</u> : Mr. Humphreys served as an Instrument Man for this project. CD&C was a sub-consultant on this MoveBR widening project. We are responsible for topographic and ROW surveying for this 0.4 mile road improvement project to create an underpass at the R/R crossing. This project is a part of the Move BR infrastructure initiative.		
01/22 – 11/22	<u>4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2</u> : Mr. Humphreys is working as an Instrument Man and now a Party Chief on this Louisiana Watershed Initiative project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.		
01/22 – 05/22	<u>H.013956 Beamon Rd. Bayou Maringouin, Pointe Coupee Parish, LA</u> : Mr. Humphreys served as an Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.		

16. Staff Experience:

Firm employed by		Civil Design & Construction, Inc. (CD&C)	
Name	RJ Evans	Years of relevant experience with this employer	2
Title	Survey Party Chief	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			
Active registration number / state / expiration date		Flagger, TCT	
Year registered		Discipline	
Contract role(s) / brief description of responsibilities		Mr. Evans will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of specified in the applicable MPR(s).		
09/21 – 03/22	<u>H.014747 Southern University Ravine Protection, East Baton Rouge Parish</u> : Mr. Evans served as an Instrument Man by collecting topographic data in the field utilizing LADOTD Field Codes.		
01/22 – 11/22	<u>4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2</u> : Mr. Evans served as an Instrument Man on the Louisiana Watershed Initiative project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.		
08/22 – On-Going	<u>4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3</u> : Mr. Evans served as an Instrument Man on the Louisiana Watershed Initiative project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.		
08/16 - 01/2018	<u>H.011235 I-49 Verot School Road, Lafayette, LA</u> : Mr. Evans served as an Instrument Man by collecting topographic data in the field utilizing LADOTD Field Codes.		
08/21 – On-Going	<u>H.011833.5 St. Mary Street Sidewalks; Scott, LA</u> : Mr. Evans served as an Instrument Man by collecting topographic data in the field utilizing LADOTD Field Codes.		
02/21 – 01/22	<u>Move BR: Lee Drive – Highland Rd. to Perkins Rd., Baton Rouge, LA</u> : Mr. Evans served as a Instrument Man for this project. CD&C was a sub-consultant on this MoveBR widening project. CD&C, Inc, collected the topographic and ROW surveying for this 1.8 mile road improvement project as part of the Move BR infrastructure initiative.		
07/14 – 10/15	<u>H.010319.5 I-110 North St. to Plank Road, Baton Rouge, LA</u> : Mr. Evans served as an Instrument Man by collecting topographic data in the field utilizing LADOTD Field Codes.		

## 16. Staff Experience:

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 14 and/or 15 of the proposal. Résumés of personnel not identified in Section 14 or Section 15 of the proposal should not be included and will not be evaluated. Résumés should be **limited to 2 pages per person**. Any certificates required by the advertisement are to be placed in Section 20.

Firm employed by		Grey Engineering, LLC			
Name	April Renard, PE, PTOE, RSP		Years of relevant experience with this employer	>1	
Title	Principal & Owner		Years of relevant experience with other employer(s)	>17	
Degree(s) / Years / Specialization			Bachelor of Science / 2006 / Civil Engineering		
Discipline	Civil Engineering	Certifications	P.E. License No. 35660 / LA / 9-30-24		
Contract role(s) / brief description of responsibilities			Bicycle and Pedestrian Facilities		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to this study:				
02/23 – present	<b>City of Central Pavement Management Plan &amp; Greenways Plan:</b> Ms. Renard is the program manager for the City of Central’s transportation program. Her scope entails establishing a foundational database for collecting data, recommending process improvements, prioritizing road projects using local funds, pursuing federal funds as applicable to transportation projects, coordinating with partners (LADOTD, CRPC, City of Baton Rouge – Parish of East Baton Rouge), informing the City Council of progress, and institutionalizing a data-driven process for preventive maintenance of all locally owned roadways. Ms. Renard will also develop a greenways plan that will aim to utilize existing drainage and utility servitudes and connect to the recommended routes in the EBR Bicycle and Pedestrian Masterplan.				
06/22 – present	<b>Town of St. Francisville’s Commerce Street Betterment Project:</b> Ms. Renard is the lead engineer for the redesign of Commerce Street, assisting the town with a design study and application to the Transportation Alternatives Program. The scope of the project includes narrowing the travel lane widths, installing wide sidewalks and new curbs, constructing raised crosswalks, providing angled on-street parking near the park’s entrance, replacing the signal with a STOP controlled intersection, and retrofitting the catch basins with biofiltration beds. Utility coordination is also an integral part of the project.				
10/22 – present	<b>BREC Dawson’s Creek Trail and Health Loop:</b> Ms. Renard is the lead engineer for developing the conceptual layouts of the proposed health loop, connecting the Dawson’s Creek Trail at Perkins Road Community Park to the Ward’s Creek Trail. This includes conducting on-site assessments of proposed trail segments, establishing the servitude limits for the proposed trail location, and determining facility type based on context, anticipated land use, vehicular speeds, and traffic volumes.				
10/20 – 9/21	<b>City of Baton Rouge &amp; Parish of East Baton Rouge MOVEBR Capacity Program Complete Streets Lead:</b> Ms. Renard served as the Subject Matter Expert on Complete Streets by reviewing all design studies, project design reports, and preliminary plans to ensure pedestrians, bicyclist, and transit users of all ages and abilities are provided reasonable and appropriate facilities given a project’s context. Ms. Renard also led the development of				



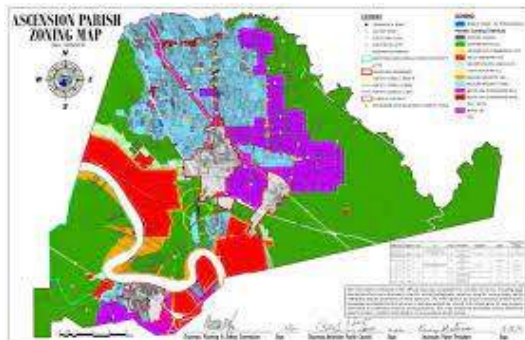
	<p>standard street cross sections that were adopted into the MOVEBR Design Guidelines to improve walkability, bikability, ADA compliance, transit accommodations, calm traffic, mitigate stormwater runoff impacts, and improve water quality. She also produced and hosted a MOVEBR Design Guidelines workshop.</p>
10/20 – 9/22	<p><b>City of Baton Rouge &amp; Parish of East Baton Rouge MOVEBR US 61/Scenic Highway Enhancement Project (LA 408/Harding Boulevard to Swan Avenue):</b> Ms. Renard was the project lead for the Scenic Highway Survey and Preliminary Design, developing existing plan and profile sheets, determining feasible typical sections and intersection geometry given constrained Right-of-Way and limited budget. Her work involved coordinating with various stakeholders within the community, the MOVEBR Program Management Team, and LADOTD representatives while producing technical concepts to address the purpose and need of the project. Concepts include ADA compliant sidewalks, bike lanes, traffic calming countermeasures, transit stop improvements, and green infrastructure (e.g. biofiltration swales and curb extensions).</p>
7/19 - 10/20	<p><b>City of Baton Rouge &amp; Parish of East Baton Rouge MOVEBR Project Manager   CSRS, Inc.:</b> In the early phases of MOVEBR, Ms. Renard created the data-driven prioritization schema of MOVEBR projects and led the collection and processing of the data to produce the first tier of prioritized projects. Ms. Renard also developed the MOVEBR federal funding strategy matrix for pursuing federal funds for eligible projects. After the overall program strategy was developed, Ms. Renard served as a Project Manager for 6 MOVEBR Capacity Program projects (Midway, Constantin/Dijon, Old Hammond Highway Segment 1, Old Hammond Highway Segment 2, Harding at I-110 Interchange, Ardenwood-Lobdell Connector), which included coordinating all aspects of project delivery (e.g. traffic analysis, environmental permitting, state and federal agency requirements, design, Right-of-Way acquisition, utility coordination) for reducing project delivery time (schedules are managed in Primavera P6).</p>
09/14 - 07/19	<p><b>LADOTD Highway Safety Manager:</b> Ms. Renard was responsible for the development and implementation of Louisiana's Strategic Highway Safety Plan in coordination with the Federal Highway Administration. She provided direction to staff on the State's safety data analysis processes for identifying potential Highway Safety Improvement Program projects (23 U.S.C. 148). Ms. Renard provided guidance across disciplines on data-driven safety considerations within LADOTD's project delivery process and led the Complete Streets Policy implementation activities for Louisiana. Other projects included the management of the East Baton Rouge Parish Bicycle and Pedestrian Masterplan contract, oversight of the Local Road Safety Program in coordination with the Louisiana Local Technical Assistance Program (LTAP) Office, and the creation and administration of the first-of-its-kind Safe Routes to Public Places Program. While a LADOTD employee, Ms. Renard represented the State on the AASHTO Task Force for the Second Edition of the Highway Safety Manual and served as an expert witness concerning protected safety data.</p>
02/10 – 09/14	<p><b>LADOTD Highway Safety Engineer:</b> In her position, Ms. Renard managed consultant contracts for feasibility studies, developed a Road Safety Assessment report template and process, developed safety study guidelines for Transportation Management Plans, served on the State's Work Zone Task Force, conducted training and provided technical assistance for highway safety analytical tools, and conducted high-profile engineering studies (e.g. Statewide Cable Median Barrier Study, LA 10 Task Force study)</p>

17. Firm Experience:

Firm Name	Intelligent Transportation Systems LLC (ITS LLC)	Past Performance Evaluation Discipline(s)*	Traffic
Project Name	Ascension Parish Traffic Impact Studies IDIQ Contract	Firm responsibility (prime or sub?)	Prime
Project number	N/A – IDIQ Contract	Owner’s name	Ascension Parish
Project location	Ascension Parish, LA	Owner’s Project Manager	Eric Poche
Owner’s address, phone, email	615 Worthey Road; Gonzales, LA 70737; (225) 450-1371; eric.poche@apgov.us		
Services commenced by this firm (mm/yy)	10/2022	Total consultant contract cost (\$1,000’s)	unknown
Services completed by this firm (mm/yy)	Ongoing	Cost of services provided by this firm (\$1,000’s)	unknown

ITS LLC was selected by Ascension Parish for an indefinite delivery, indefinite quantity (IDIQ) contract to perform traffic impact studies for proposed commercial and residential developments throughout the Parish.

Due to rapid growth throughout the Parish, the leadership of Ascension Parish receives multiple requests for permitting of new developments every month. While the parish required traffic impact studies to be completed by the developers’ chosen consulting engineer, the Parish staff found the reports and results the Parish received were inconsistent and were not always objective. As a result, the Parish Council recently passed an ordinance that would allow the Parish to contract consulting firms directly to perform the studies for the proposed developments. The Parish selected ITS LLC for an as-needed contract to perform these traffic impact studies.



The scope of work includes performing traffic impact studies (TISs) for a variety of commercial and residential developments that may include subdivisions, multi-family developments (apartment homes), strip retail centers, big box stores, restaurants, office complexes, industrial facilities, and more. Each proposed development is unique and will have differing requirements for the studies. In cases where the development lies within an area that would trigger the need for a study submitted to LADOTD, the study performed under this contract will fully-comply with all Traffic Engineering Process and Report requirements so that the Parish’ and LADOTD’s review and approval processes can occur simultaneously, adding efficiencies to the process.

**Nature of firm’s responsibility:** Prime Consultant; Responsible for all traffic engineering study tasks

**Firm members involved include:** Jonathan Fox, Kimberly McDaniel, Diane Hammonds, Clarke Chauvin, Colin Francis

North 17. Firm Experience:

Firm Name	Intelligent Transportation Systems LLC (ITS LLC)	Past Performance Evaluation Discipline(s)*	Traffic, Road
Project Name	North Perkins Ferry Road Corridor Study	Firm responsibility (prime or sub?)	Prime
Project number	Not yet assigned	Owner's name	Calcasieu Parish Police Jury
Project location	Calcasieu Parish, LA	Owner's Project Manager	Leroy Skellham, P.E.
Owner's address, phone, email	1114 Ryan St., Lake Charles, LA 70601; (337) 721-4100; lskellham@calcasieu.gov		
Services commenced by this firm (mm/yy)	08/2023	Total consultant contract cost (\$1,000's)	TBD
Services completed by this firm (mm/yy)	Ongoing	Cost of services provided by this firm (\$1,000's)	TBD

ITS LLC has been selected by the Calcasieu Parish Policy Jury to perform a corridor study for of North Perkins Ferry Road in northern Calcasieu Parish. North Perkins Ferry Road connects LA 378 (Sam Houston Jones Parkway) to US 171 in the communities of Moss Bluff and Gillis. The roadway is approximately 6.8 miles from LA 378 (Sam Houston Jones Pkwy) to US 171. It is a two-lane highway with turn lanes at the signalized intersection with LA 378. The primary land use along this segment of roadway is residential, with both independent single-family homes as well as several neighborhoods including some newer subdivisions. There are some commercial properties along the corridor including some convenience stores and gas stations.



According to the Louisiana Department of Transportation & Development (LADOTD), the roadway has bi-directional ADTs of approximately 5,900 (2022) near LA 378 and approximately 2,400 (2022) near US 171. The most congested segment of the corridor is the quarter-of-a-mile between Coffey Road and Joe Miller Road. Many motorists use this as a 'cut through' to and from US 171 to the east and Sutherland Road to the west. The objective of this project is to collect traffic data, analyze the existing operations, and develop alternatives that provide a phased approach to improvements. The selected alternatives may include intersection improvements, additional capacity through roadway widening, signal improvements, or other geometric changes.



The corridor is long – at nearly seven miles. Widening the full length of the corridor would certainly improve congestion; however, there are open ditches along both sides of N. Perkins Ferry Road and utilities within close proximity to the roadway. Because of this, a full widening would not only be costly, but would take some time to design and construct. While this may be a long-term goal for the Parish, there are several ways to mitigation congestion without widening the

entire length of the roadway. A phased approach to improvements will include both short- and long-term improvements that, when combined, would result in significant improvements to the corridor. This will allow CPPJ to implement smaller projects more quickly and with lower costs than a full corridor widening. These will provide relief to residents and motorists, while allowing the Parish to be good stewards of taxpayer dollars. These smaller projects can be planned as part of a larger combined solution that, when all parts are implemented, represents a corridor-long solution.

This project has been awarded and is currently in the contracting and negotiation phase.

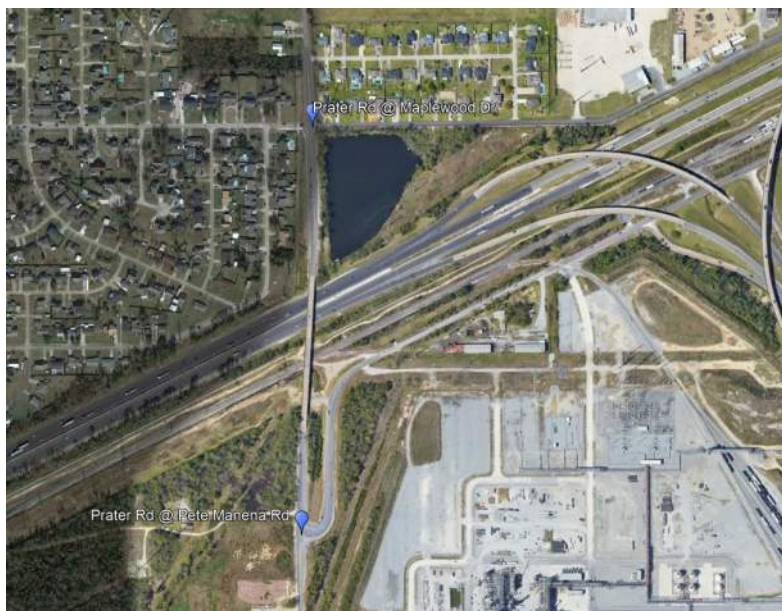
**Nature of firm's responsibility:** Prime Consultant; Responsible for all traffic engineering study tasks

**Firm members involved include:** Jonathan Fox, Kimberly McDaniel, Diane Hammonds, Clarke Chauvin, Colin Francis

17. Firm Experience:

Firm Name	Intelligent Transportation Systems LLC (ITS LLC)	Past Performance Evaluation Discipline(s)*	Traffic
Project Name	Prater Road – Pete Manena to Maplewood Traffic Study	Firm responsibility (prime or sub?)	Prime
Project number	Not yet assigned	Owner’s name	Calcasieu Parish Police Jury
Project location	Lake Charles, LA	Owner’s Project Manager	Leroy Skellham, P.E.
Owner’s address, phone, email	1114 Ryan St., Lake Charles, LA 70601; (337) 721-4100; lskellham@calcasieu.gov		
Services commenced by this firm (mm/yy)	07/2023	Total consultant contract cost (\$1,000’s)	TBD
Services completed by this firm (mm/yy)	Ongoing	Cost of services provided by this firm (\$1,000’s)	TBD

ITS LLC was selected by the Calcasieu Parish Policy Jury to perform a traffic study for the Prater Road Corridor from Pete Manena Road to Maplewood Drive. The roadway has two signalized intersections at Pete Manena Road and Maplewood Drive. Over the years, some turn lanes have been added to ease capacity concerns at these intersections, but they are still performing poorly.



**Prater Road at Maplewood Drive:**

The intersection of Prater Road at Pete Manena Road is typical four-leg intersection. There is a slip lane for right turns on the southwest quadrant and a left turn lane in the northbound direction. The existing signal is actuated with detection on all approaches. Maplewood Middle School is located just over a half mile west of this intersection while I-10 is immediately to the south. The turning movements to and from the school result in significant queues during the AM and PM peak periods.

**Prater Road at Pete Manena Road:**

The intersection of Prater Road at Pete Manena Road is a three-leg intersection. Pete Manena Road terminates at its intersection with Prater Road. There is a proposed commercial development that is seeking to add its access as a fourth leg to this signalized intersection. The existing signal is actuated with detection on all approaches. I-10 is immediately to the north of this intersection. Prater Road does not have direct access to I-10, but rather passes over the interstate. A large chemical refining complex sits just to the south of the Pete Manena Road intersection.

This corridor is anticipated to be part of the detour route for the upcoming I-10 Calcasieu River Bridge Replacement Project. When that occurs, the volumes on this roadway are expected to increase significantly. To both remedy the existing issues and prepare for potential detour traffic, the corridor study includes the evaluation of an adaptive signal system. ITS LLC is contracted for this work; manhour negotiation is in progress. Data collection is planned for September 2023 once schools resume and the study will follow.

**Nature of firm’s responsibility:** Prime Consultant; Responsible for all traffic engineering study tasks

**Firm members involved include:** Jonathan Fox, Kimberly McDaniel, Diane Hammonds, Clarke Chauvin, Colin Francis

17. Firm Experience:

Firm name	T. Baker Smith, LLC			Past Performance Evaluation Discipline(s)*	Road
Project name	US 190 at Northshore and Camp Villere			Firm responsibility (prime or sub?)	Prime
Project number	H.012812	Owner's name	LADOTD		
Project location	St. Tammany Parish, LA		Owner's Project Manager	Jacob Fusilier, P.E., PMP	
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802   225.379.1185   Jacob.Fusilier@la.gov				
Services commenced by this firm (mm/yy)	02/2020	Total consultant contract cost (\$1,000's)			\$547
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)			\$547

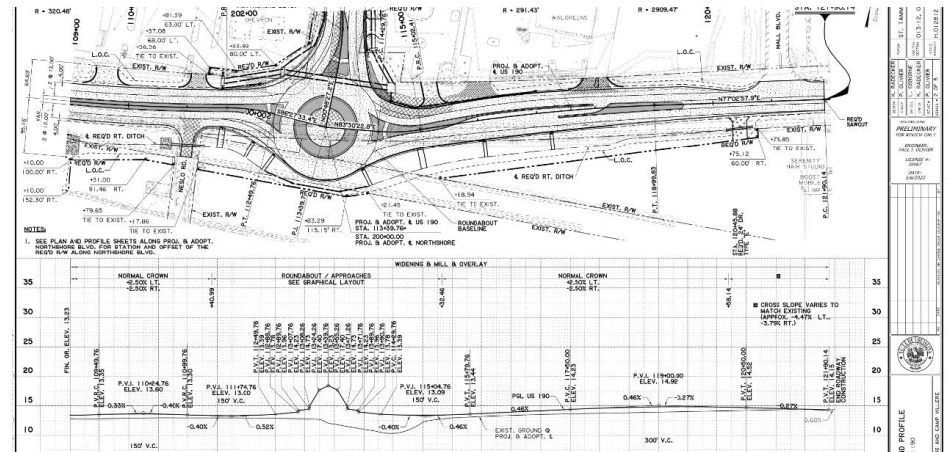


**RELEVANCY TO THE ENTITY CONTRACT:**

Preliminary and Final Plans - Roadway Design/Complete Streets Integration

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

T. Baker Smith served as the prime consultant on the project providing all roadway design, hydraulic analysis, preliminary and final plan development, traffic management plans, a specialized and detailed written construction phasing plan as well as oversight of temporary traffic signalization design for use during construction. TBS has submitted 98% Final Plans to LADOTD in December 2022. LADOTD subsequently placed the project on hold due to funding. TBS expects to submit 100% Final Plans once project resumes.



## 17. Firm Experience:

Firm name	T. Baker Smith, LLC			Past Performance Evaluation Discipline(s)*	Road, Survey
Project name	Roddy Road at LA 621 Roundabout			Firm responsibility (prime or sub?)	Prime
Project number	713-29-0103	Owner's name	Ascension Parish Government		
Project location	Ascension Parish		Owner's Project Manager	Ruth Phillips	
Owner's address, phone, email	42077 Churchpoint Rd., Gonzales, LA 70737, 225.450.1013, ruth.phillips@apgov.us				
Services commenced by this firm (mm/yy)	11/10	Total consultant contract cost (\$1,000's)			\$525
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)			\$523



### RELEVANCY TO THE ENTITY CONTRACT:

Preliminary and Final Plans - Roadway Design/Complete Streets Integration; Surveying

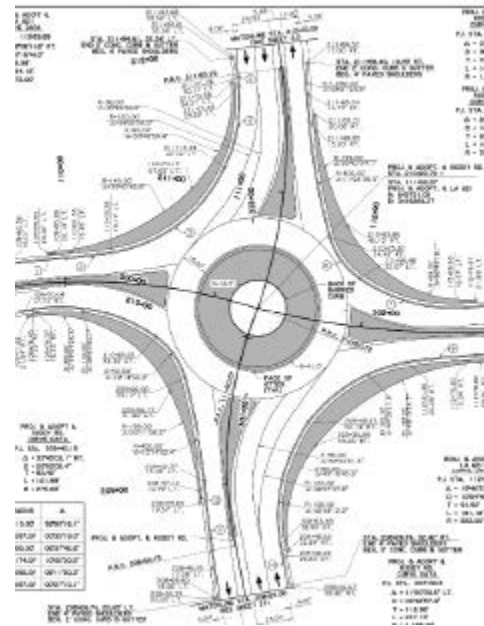
As part of Ascension Parish's Move Ascension Transportation Program, T. Baker Smith, LLC was selected as the prime consultant for the Roddy Road at LA 621 Roundabout project.

This project includes approximately 0.34 miles of roadway reconstruction and roundabout intersection improvements at the intersection of LA 621 and Roddy Rd. in Gonzales, LA. The existing roadway width is approximately 20' wide, with minimal shoulders, while the new lane width will be 12' wide with 4' shoulders prior to entering the roundabout. The single lane roundabout will include 18' wide entrance lanes, 14' wide exit lanes, and will also accommodate vehicular off-tracking with the use of full depth concrete truck aprons and splitter islands.

This project will also include exclusive right turn only lanes in the northbound and southbound directions of travel to accommodate heavy turning movements.

TBS is the prime consultant on this project and is responsible for most of the roadway design aspects including the horizontal and vertical alignments, geometric layouts, drainage design, pavement design, roundabout grading and pavement marking and permanent signing layout design. TBS is also responsible for all roadway and roundabout modeling aspects including cross sections and earthwork quantity determination. TBS' scope of work also includes setting survey horizontal and vertical control network, performing all topographic surveys, Subsurface Utility Engineering (Quality Levels D-A), property surveys, Right of Way Mapping, utility relocation coordination, traffic management plans and bidding assistance.

TBS submitted 60% Final Plans on 05/2023 and is currently awaiting the DOTD comments prior to completing the 95% Final Plan deliverables. TBS performed all topographic survey services within the project limits as a part of the Roddy Road Widening project. TBS is under contract to complete all property survey and right-of-way mapping services, and is currently set to begin that process this month. TBS submitted the Final R/W Check Prints to Ascension Parish and LADOTD for final review 5/2023 and is awaiting any comments.



**TBS Team:** Kenny Belou, PE; TJ Stokes, PE; Perry Smith; Kaleb Brooks

17. Firm Experience:

Firm name	T. Baker Smith, LLC			Past Performance Evaluation Discipline(s)*	Road
Project name	Kenner Discovery School Sidewalk Project			Firm responsibility (prime or sub?)	Prime
Project number	H.015087	Owner's name	City of Kenner		
Project location	Jefferson Parish		Owner's Project Manager	Jose Gonzalez, P.E.	
Owner's address, phone, email	City Hall 1801 Williams Blvd. Building B, Suite 200, Kenner, LA 70062; 504-.68.7515; jgonzalez@kenner.la.us				
Services commenced by this firm (mm/yy)	02/23	Total consultant contract cost (\$1,000's)			\$60
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)			\$60



**RELEVANCY TO THE ENTITY CONTRACT:**

Preliminary and Final Plans - Transportation Alternative Project

The City of Kenner in Jefferson Parish, with funding from the Louisiana Department of Transportation and Development's Transportation Alternatives Program (TAP), is proposing a project to construct a concrete sidewalk around the Kenner Discovery Health Sciences Academy and to install pedestrian crossing signals at the Vintage Drive and Loyola Intersection. The proposed 5-foot-wide, 6-inch thick, and handicap accessible concrete sidewalk will tie into the existing sidewalk starting on Vintage Drive at W. Loyola Drive (30.034675, -90.2722); extends approximately 1,200 feet along the southside of Vintage Drive to Loyola Drive, then travels approximately 900 feet from Vintage Drive along the western side of Loyola Drive to tie into the existing sidewalk near the Kenner Inspired Living Center (30.0332106, -90.268881).

The construction of this sidewalk will connect several neighborhoods to the Kenner Discovery School and other commercial enterprise along Loyola Drive to the south, creating a mainline pathway for non-drivers to access daily needs destinations on foot or bike. Residents to the west of the intersection of Loyola and Vintage will be able to traverse the sidewalk on the south side of Vintage and the west side of Loyola without having to cross a busy four-lane roadway to reach both the school and other commercial destination along Loyola Drive. The project also proposed to add pedestrian crossing signals (push button pedestrian heads) at the intersection of Loyola and Vintage to accommodate all pedestrians, especially Kenner Discovery School students. The immediate impact of the sidewalks and crossing signals will be increased safety to the students and staff of the school.



Firm Name	<b>AECOM Technical Services, Inc.</b>		Past Performance Evaluation Discipline(s)	Environmental, Road
Project Name	<b>I-49 Lafayette Connector Supplemental EIS, CSS, and Structural Design</b>		Firm Responsibility	Subconsultant
Project Number	H.004273	Owner's Name	Louisiana Department of Transportation and Development	
Project Location	Lafayette, Louisiana	Owner's Project Manager	Tim Nickel, PE	
Owner's Address, Phone, Email	PO Box 94245, Baton Rouge, LA 70804-9245 • 225.379.1110 • timothy.nickel@la.gov			
Services Commenced by This Firm	07/15	Total Consultant Contract Cost (\$1,000's)		Est. \$32,000
Services Completed by This Firm	Ongoing	Cost of Consultant Services Provided by This Firm (\$1,000's)		\$11,300

This 5.5-mile project is one of the largest undertaken by the LADOTD, with an estimated construction cost of \$1.3 billion. **AECOM's roles include structure design, supplemental EIS evaluations, cultural resource services, updating the Standing Structures Inventory and the Section 106 consultation process, a context-sensitive solution (CSS) design process, railroad coordination, and a project implementation plan.**

As the structural engineers on the consultant team, AECOM is responsible for the design and coordination of all structural design, including a 2-mile continuous elevated six-lane interstate viaduct with signature feature bridge components. Other structure requirements along the corridor include two new grade-separated interchanges at Kaliste-Saloom and University/Surrey, I-49 and University Bridges over the Vermillion River and the development of over 25 retaining and noise wall structures. Design work also required the development of conceptual railroad design submittals for two grade separations at BNSF and LDRR. These submittals were led by AECOM's railroad coordinator, Jonathan McDowell.

The initial scope included an environmental re-evaluation of the 2003 Record of Decision (ROD) selected alternative, preliminary design using a CSS process implementation approach, and alternative delivery evaluations. During the stakeholder outreach process, the project team confirmed required modifications to the selected alternative which warranted the development of additional design and alternative evaluation refinements. These alternatives were vetted through a robust Concept Refinement Process (CRP), similar to a PEL Study, that required intense stakeholder and public involvement and will be analyzed in a Supplemental EIS (SEIS) to be prepared by AECOM. Continuing tasks include the NEPA analysis, CSS process, and completing preliminary design.

After completing the Functional Plan, under Phase II, the consultant team will prepare the construction documents, prepare permits, assure the environmental commitments, and complete work in preparation for construction.

**Team Members:** Derek Chisholm, Louis Costa, Jonathan Martinez, Gregory Trahan



#### Relevance to LADOTD



- ✓ Supplemental EIS
- ✓ Alternatives and Evaluation
- ✓ Community/Stakeholder Involvement
- ✓ Evaluation of Environmental Impacts
- ✓ Close Coordination with LADOTD
- ✓ Design of Interchanges



Firm Name	<b>AECOM Technical Services, Inc.</b>		Past Performance Evaluation Discipline(s)	Environmental, Traffic, Road
Project Name	<b>LA 511, Red River Bridge at Jimmie Davis Highway Stage 0 Feasibility Study and Environmental Assessment</b>		Firm Responsibility	Prime
Project Number	H.001779	Owner's Name	Louisiana Department of Transportation and Development	
Project Location	Bossier and Caddo Parishes, Louisiana	Owner's Project Manager	Stage 0: Ryan Reviere, PE • EA: Ezekiel Onyegbunam • SEA: Catherine Mastin, PE	
Owner's Address, Phone, Email	PO Box 94246, Baton Rouge, LA 70804 • 225.379.1071 • 225.242.4516 • 225.379.1652 • ryan.reviere@la.gov • ezekiel.onyegbunam@la.gov • catherine.mastin@la.gov			
Services Commenced by This Firm	12/08	Total Consultant Contract Cost (\$1,000's)	Stage 0: \$291 • EA: \$915 • SEA: \$513	
Services Completed by This Firm	07/15	Cost of Consultant Services Provided by This Firm (\$1,000's)	Stage 0: \$225 • EA: \$588 • SEA: \$489	

AECOM first prepared a Stage 0 Feasibility Study to investigate providing additional capacity to the Red River Bridge at Jimmie Davis Highway (LA 511). **Beginning in 2013, we prepared an EA that obtained a Finding of No Significant Impact (FONSI) from the FHWA.** In 2017, the DOTD initiated a Supplemental Environmental Assessment (SEA) to identify a new preferred alternative that will satisfy the project's purpose and need.

The project extends from East Dixie Meadow Road to Barksdale Boulevard (US 71) along East 70th Street in Shreveport and Jimmie Davis Highway in Bossier City. The project includes providing a full interchange of the Arthur Ray Teague Parkway that parallels the Red River in Bossier City with LA 511, improvements to Jimmie Davis Highway and other roadways in the immediate area, and a bicycle/pedestrian trail across the Red River to connect the existing trails on each side of the river.

**Tasks included environmental data collection, a purpose and need statement, development of design criteria, alternative analysis for both the EA and the SEA, traffic analysis, noise analysis, and preparation of NEPA documents as well as roadway and bridge design.** The designs and cost estimates of all bridge alternatives studied were for both concrete and steel construction options. All three studies included public outreach. The EA had an open house public information meeting, and an open house public hearing following the distribution of the Draft EA. An open house public information meeting was held and a public hearing is planned to follow the distribution of the Draft SEA.

A major project issue is the disposition of the existing two-lane Jimmie Davis Bridge. As it is eligible for the Nation Register of Historic Places and it is not beyond repair, it cannot be demolished. Although its use as the alignment of the trail has been studied, that would require that a third party take responsibility for its maintenance, and no third party has been identified. Therefore, the 2015 Selected Alternative and the 2019 Preferred Alternative both provide a new westbound bridge with two vehicular travel lanes and the trail. The eastbound traffic would continue to use the existing bridge, which is scheduled to be rehabilitated under a separate project. Other differences between the alternatives are the redesign of Jimmie Davis Highway, improvements in access to adjacent property to avoid relocations, and substantial reduction in the cost of the trail by providing at-grade connections.

**Team Members:** Derek Chisholm, Louis Costa, Jonathan Martinez



#### Relevance to LADOTD

- ✓ NEPA Documentation
- ✓ Schematic Design of Bridge and Roadway
- ✓ Traffic Analysis
- ✓ Advanced Planning Study
- ✓ Public Engagement
- ✓ Alternatives Development and Evaluation



17. Firm Experience:			
Firm name	<b>Civil Design &amp; Construction, Inc.</b>	Past Performance Evaluation Discipline(s)*	Survey
Project name	St. Mary Street Sidewalks	Firm responsibility (prime or sub?)	Sub
Project number	H.011833.5	Owner's name	LADOTD
Project location	Scott, LA	Owner's Project Manager	Ryan Richard
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802 225-379-1232 Ryan.Richard@la.gov		
Services commenced by this firm (mm/yy)	08/21	Total consultant contract cost (\$1,000's)	N/A
Services completed by this firm (mm/yy)	On Going	Cost of consultant services provided by this firm (\$1,000's)	\$65

**Project Description:** This project in Scott, LA, is to improve pedestrian movement and add sidewalks along the corridor. The survey limits began approximately 200' before the centerline intersection of St. Mary Street and Park West Drive, then continued South to the intersection of St. Mary Street and Cameron Street (LA 93) for an estimated total distance of one (1) mile. The survey width included ten (10) feet outside of the apparent right of way. All side streets were surveyed sixty (60) feet from the intersection of the centerline with the St. Mary Street Centerline.

**CD&C's Role:** CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.

**Members Involved:** CD&C employees involved in the project included Karla E. Weston, P.E.; Ralph Burgess, PLS Survey Manager; Christopher Ballard, PLS Survey PM; CJ Goodspeed, SUE PM; Tracey Smith, SUE Field Coordinator; Phil Dupree, Sr. Party Chief; Trent Norris, 3D Scanning Tech; Scott Benton, 3D Scanning Tech; Alex Wells, Party Chief; Jason Stoehr, Party Chief; Drennon Humphreys, Instrument Man; Madison Mills, PLS, Survey Tech; Brad Jacobs, EI, Survey Tech

**Performed in LA:** 100%



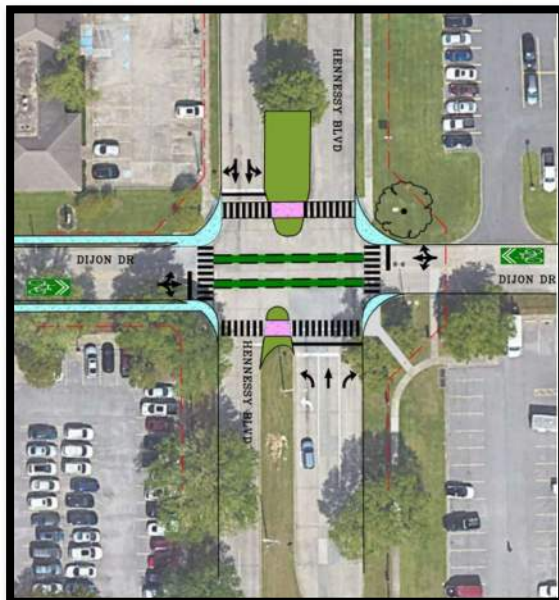
Firm name	Grey Engineering, LLC		Past Performance Evaluation Discipline(s)*	Planning
Project name	BREC Health Loop		Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Parks & Recreation Commission for the Parish of East Baton Rouge	
Project location	Baton Rouge, LA		Owner's Project Manager	Reed Richard
Owner's address, phone, email	6201 Florida Boulevard, Baton Rouge, LA 70806; (225)273-6405, ext.369; <a href="mailto:richard@brec.org">richard@brec.org</a>			
Services commenced by this firm (mm/yy)	04/23	Total consultant contract cost (\$1,000's)	\$50	
Services completed by this firm (mm/yy)	On-going	Cost of consultant services provided by this firm (\$1,000's)	\$24	

**Ms. Renard** is the lead for developing conceptual layouts for segment 12 of Dawson's Creek Trail, connecting the BREC Perkins Road Community Park to the Ward's Creek Trail north of Our Lady of the Lake via One Perkins/Dijon Drive. The scope of work includes conducting on-site assessments of existing conditions, identifying existing utilities and apparent right-of-way, and assessing feasibility for trail construction. Feasibility assessments include collecting existing and future land use, traffic analysis, safety analysis, and green infrastructure recommendations to ensure context-sensitive facility type selection and maximizing benefit-cost of tax dollar investments.



## LEGEND

- EXISTING GREENWAYS
- ⋯ ON-STREET BIKE FACILITY
- PROPOSED BIKE/PED TRAILS
- BREC PARKS
- WATER BODIES
- BUILDINGS



## 18. Approach and Methodology

**PROGRAM & PROJECT UNDERSTANDING:** The Louisiana Department of Transportation and Development Transportation Alternatives Program (DOTDTAP) is a Federally funded program that the Louisiana Department of Transportation and Development (LADOTD) administers. The program goal is to move the state toward a more balanced transportation system that includes pedestrians and bicyclists in addition to motorists. The program assists local agencies with the development, planning, design, and implementation of smaller-scale projects that work toward this goal. This includes projects such as bike and pedestrian facilities, safe routes for non-drivers, and rail-to-trail projects. Other community improvements such as outdoor advertising management, historic preservation, and rehabilitation of historic transportation facilities can be included in the program. Traffic calming improvements such as bulb-outs, median refuges, and narrowed traffic lanes may also be considered eligible.

DOTDTAP accepts applications from governmental agencies such as local, state universities (not private), regional, parish, state or federal agencies, referred to in the program as *Sponsors*, in the spring. Those applications are evaluated by LADOTD and the Federal Highway Administration (FHWA) for compliance with program goals, Purpose and Need statement, local cost sharing, and equity goals of the project. Applications are submitted in two groups – communities with populations under 50,000 people and communities with populations over 50,000 people. Projects must have a direct relationship to surface transportation (excludes aviation) either in *function* or *impact*. Depending on the preference of the local agency, DOTDTAP may provide engineering design and construction administration and inspection services. If the Sponsor elects to use a DOTDTAP-contracted consulting engineer to perform those services, they are provided through this contract.

**MEET THE ITS LLC TEAM:** Intelligent Transportation Systems LLC (ITS LLC) is proud to present this team for the DOTDTAP Projects IDIQ Contract. ITS LLC has over a 16-year history of excellent partnerships with LADOTD as well as several other agencies, parishes, municipalities, ports, and private clients throughout Louisiana. The founder of ITS LLC sold his interests this year, thus leaving the company in the capable hands of three partners: **Kimberly McDaniel, P.E., PTOE, PTP**, **Diane Hammonds, P.E., PTOE, RSP<sub>1</sub>**, and **Jonathan Fox, P.E., PTOE, PMP**. ITS LLC is in the process of completing certification as a DBE and Woman-Owned business. Under this new leadership, the firm is quickly growing its engineering practice while maintaining excellence ITS maintenance and field services. ITS LLC will provide all project management functions, will lead all traffic engineering tasks, and will lead all traffic management device design tasks. ITS LLC invited four subconsultants to round out the team and provide additional expertise in

specific areas. **T. Baker Smith, LLC**, will lead roadway design tasks, provide support for surveying tasks, and will provide subsurface utility engineering (SUE) as-needed. **Civil Design & Construction, Inc.**, a certified DBE and Woman-Owned business, joins the team to provide surveying services. **AECOM, Inc.**, will lend their environmental expertise taking care of all permitting, historical preservation, and other related tasks, and supplementing bicycle and pedestrian planning tasks. Finally, **Grey Engineering, LLC**, also a certified DBE and Woman-Owned business, rounds out the team with particular expertise in complete streets and bicycle and pedestrian planning and design.

**LOCAL TECHNICAL ASSISTANCE:** Each DOTDTAP project begins with an application. The application process is not complex but does require a working knowledge of transportation projects to be completed in a way that it can be reviewed competitively by the DOTDTAP and FHWA Selection Committee. Because the resources of each Sponsor vary, this contract provides support to Sponsors in completing the applications for DOTDTAP Projects. The combined network of the ITS LLC team reaches every corner of the state, allowing the Team to support interested Sponsors throughout Louisiana. The team has relationships with municipalities, government agencies, universities, and parishes from Ruston to Thibodaux, Cameron Parish to the Northshore, and everywhere in between. Two of ITS LLC's Principals, Diane and Kimberly, will lead these support efforts all the while leaning on both the relationships and technical expertise of other team members. The goal in this phase is to work with the Sponsor to truly understand their needs and goals, ensure that the project the Sponsor envisions meets the requirements of the DOTDTAP, develop a strong Purpose and Need for the proposed project, and to author a DOTDTAP application that encapsulates that vision and illustrates the uniqueness of the project in meeting the goals of the Program.

**PRELIMINARY PLANNING PHASE:** Once a project is selected for DOTDTAP with engineering services provided through a DOTD-contracted engineering consultant, the project can be assigned. Once a project is assigned to ITS LLC, a Preliminary Planning Phase is the first task at hand. The ITS LLC Team will meet with the Sponsor to fully understand the project. In coordination with DOTDTAP, the team will develop a scope for the project. In many cases, a traffic study of some capacity may be required. If the roadway is on or within ¼ mile of a state highway, all LADOTD Traffic Engineering study and evaluation requirement will need to be met. This could include a corridor study, crash and safety evaluation, Intersection Control Evaluation (ICE), or other data-driven assessment. Projects that involve pedestrians and other non-motorized users have unique requirements for those and other studies. ADA-accessibility reviews and

Pedestrian Road Safety Audits may also be needed for proposed improvements for pedestrians and other non-motorized users.

**Diane Hammonds, P.E., PTOE, RSP<sub>1</sub>**, brings over 20 years of traffic engineering know-how to the team. She will lead all traffic studies in the Preliminary Planning Phase. Diane has performed hundreds of traffic and safety analyses throughout Louisiana and some neighboring states. She is a Professional Traffic Operations Engineer and achieved a specialized certification as a Road Safety Professional (Level 1). She has completed the LADOTD Traffic Engineering Process and Report Modules I, II, and III, along with countless other continuing education credits over the past two decades. Diane is continually sought after as an expert in traffic impacts and mitigation by colleagues and clients alike.

**April Renard, P.E., PTOE, RSP<sub>1</sub>**, with **Gray Engineering, LLC**, lends specialized knowledge in the specialty areas of complete streets and bicycle and pedestrian planning and design. Her career spans over 17 years of experience in traffic engineering, highway safety, complete streets, and bicycle and pedestrian projects and programs. April will consult on all bicycle and pedestrian planning and design tasks. She has completed the LADOTD Traffic Engineering Process and Report Modules I, II, and III, along with countless other continuing education credits throughout her 17 year career.

**Traffic & Pedestrian Studies:** It is expected that most, if not all, traffic studies will be required to conform to requirements of the LADOTD Traffic Engineering Process and Report (TEPR). This process lays out a multi-step development and review procedure to submit the study components to LADOTD for consensus. The order in which each part of the study is submitted is outlined in the diagram shown. ITS LLC will work with the appropriate LADOTD District Traffic Operations Engineers and their staff on this process, which may also be reviewed by Headquarters Traffic Engineering.



Data Collection. The first step in the process will be to collect existing traffic data. Data collected can be completed during weekdays when schools and/or area

colleges are in session and normal patterns and volumes are occurring (i.e. not holiday weeks). Existing vehicular and, where applicable, pedestrian and bicycle volumes are recorded. TEPR Appendices A and B and Chapter 1 will be developed at this phase.

Existing & No Build Analyses and Safety Analysis. Once the data is collected and processed, the existing conditions can be analyzed. If required, a Safety and Crash Analysis can also be performed and may be accomplished somewhat simultaneously with the existing conditions analysis. The No Build analysis will evaluate the traffic in a future year, with growth rates applied, to ascertain what the roadway will be like if no improvements are implemented. This establishes a baseline for comparisons of alternatives improvements. TEPR Appendices C (if required) and D and Chapter 2 will be developed at this phase.

Alternatives Analyses. The Alternatives Analyses phase will commence upon approval of Appendix D and Chapter 2. It is during this phase that potential alternatives will be developed and evaluated. The alternative(s) developed will not only consider the operational effects of any proposed improvements, but also the geometric feasibility. The alternatives developed will be compared based on a series of Measures of Effectiveness (MOEs) and other factors. This phase will include extensive coordination with the Sponsor to select a preferred alternative(s) to recommend for design. Upon completion of this phase, the preferred alternative) will move to Stage 1 – Environmental for further evaluation.

**PHASE 1 – ENVIRONMENTAL AND PERMITTING:** The preferred alternative is evaluated for environmental and historical preservation impacts. The scale of these projects is such that environmental impacts are expected to be minimal; however, the goals of the DOTDTAP include historical preservation of transportation monuments and facilities. This includes abandoned rails upgraded to non-motorized trails as part of the Rails to Trails Program. **AECOM** brings unique experts in these specialized areas of environmental and historical impacts to the team. Led by **Greg Trahan, P.E., RSP<sub>1</sub>**, these professionals will be engaged as each of their specialty areas come into play on a project. Timely evaluations of impacts will be performed and potential preservation and/or mitigation requirements will be determined and planned. Coordination with the Louisiana State Historic Preservation Office (SHPO) will be handled during this

phase. AECOM team members will also handle permitting with agencies outside of LADOTD including, but not limited to the Louisiana Department of Environmental Quality (LDEQ), the U. S. Army Corps of Engineers (USACE), and the Louisiana Department of Natural Resources (LDNR) for Coastal Use permits, as required. Once all permits are received and environmental and historical clearances are completed, the project will move into design.

**STAGE 3 – FINAL DESIGN PROCESS:** The Final Design Process includes land survey and the design and development of construction plans.

**Land Surveying:** Land surveying services will be completed by the professionals of **Civil Design & Construction, Inc.** A seasoned Professional Land Surveyor, **Chris Ballard, PLS**, will lead all surveying tasks for these projects. He will manage a field crew equipped with the latest technology to perform surveys, determine rights-of-way, locate property corners, and record topographic details. Each project will have unique needs in this area, and Chris will work with the team to determine the most suitable methods and information to collect for performing the design work.

**Subsurface Utility Engineering:** If the area includes concerns with underground utilities, **T. Baker Smith, LLC**, will supplement with their expertise in subsurface utility engineering (SUE). **Perry Smith, Jr.**, will lead the SUE work for the team as needed. Locating utilities within the right-of-way during the design phase can significantly reduce the risk of conflicts during construction.

**Preliminary and Final Design:** Led by **Kenny Belou, P.E.**, the **T. Baker Smith** team will perform the necessary geometric, roadway, and drainage designs to complete a construction plan set for each project. The team will follow the LADOTD Roadway Design Procedures and Details Manual in developing preliminary and final roadway plans and cost estimates. The team will document decisions and potential/required Design Waivers or Design Exceptions. Projects of smaller scope may require letter-sized plans while others will be completed with more traditional plan sets. The team will also prepare associated cost estimates and any necessary special provisions. **Clarke Chauvin, P.E., PTOE, PMP**, with **ITS LLC**, will lead the design of all traffic control devices. This includes pavement markings, signs, traffic signals, pedestrian signs, detection devices, and other means of traffic control. The team will deliver a set of plans according to the LADOTD Road Design requirements and will continually work with LADOTD to adapt the delivery process to the design of the project elements needed or required for the scope of the project for efficient delivery.

## LADOTD Plan Delivery Process

### 30% PRELIMINARY PLANS

- Field reviews, develop pre-design criteria, and minimum design guidelines
- Topographic survey, including apparent right-of-way
- Develop Base Plan Sheets

### 60% PRELIMINARY PLANS

- Revise based upon comments received in 30% Preliminary Plan review
- Existing and proposed hydraulics calculations and map
- Further Develop Plan Sheets

### 95% PRELIMINARY PLANS (PLAN-IN-HAND)

- Revise based upon comments received in 60% Preliminary Plan Review
- Perform a preliminary QA/QC
- Increase Details of Plan Sheets
- Conduct a Plan-In-Hand Meeting

### 100% PRELIMINARY PLANS

- Revise based upon comments received in 95% Plan-In-Hand Review
- Final right-of-way taking lines transmitted to location and survey
- Permit sketches, if needed; environmental clearance may be necessary.
- Preliminary cost estimate

### 60% FINAL PLANS

- Revise based upon comments received in 100% Preliminary Plan Review
- Final typical sections and hydraulic design
- Finalized Detailed Plan Sheets

### 95% FINAL PLANS (ADVANCE CHECK PRINTS)

- Revise based upon comments received in 60% Final Plan Review
- Revise preliminary cost estimates and summary tables
- Final QA/QC Check, Constructability review form, Special Provisions
- Assemble Plans and perform pre-advance check prints review (90% Final)

### 98% FINAL/100% FINAL PLANS

- Advance check print comments addressed, revise cost estimates
- Develop final cost estimate, specifications, necessary special provisions
- Other items may include SWPPP, final design report, etc.
- Signed and sealed plans, specifications, and general files are transmitted



**STAGE 5 – CONSTRUCTION SUPPORT & SHOP DRAWING REVIEWS:** During the Construction Phase, the ITS LLC will provide construction support and shop drawing reviews as required by LADOTD and the Sponsor. The team will provide shop drawing reviews, signal acceptance testing, and plan revisions to adjust for unforeseen conditions. Construction Support includes services required to review and address Requests for Information (RFIs) from the Sponsor’s construction contractor. As required, the team will respond to RFIs within 48 hours.

**PROJECT MANAGEMENT:** Overall project management of the ITS LLC Team will be provided by **Kimberly McDaniel, P.E., PTOE, PTP**. Kimberly has managed contracts in excess of \$2 million. She is capable of managing multiple task orders simultaneously. She has a reputation for delivering projects on time and within budget. She is an excellent communicator with incredible organizational skills. Her management style focuses on empowering team members to perform their tasks without micromanaging them but in a way that they each feel fully supported. Throughout her 20 year career, Kimberly has performed a mix of roadway design, pedestrian and bicycle projects, and traffic and safety studies. This experience makes her an ideal manager for projects of this scope. During her six-year stint at LADOTD, Kimberly served as the Statewide Access Management Engineer. She developed policies and procedures relative to access management and traffic impacts and conducted trainings on those policies for LADOTD staff and engineers throughout the state. She has maintained strong relationships with a variety of local municipalities and agencies throughout the state since that time.

**PROJECT SCHEDULE:** The overall project schedule will be heavily-dependent upon the DOTDTAP project submission and review process. Each assigned task order under this IDIQ will have a unique schedule. The schedule shown below is meant to be illustrative of the various tasks and relative durations of each.

**QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC):** Throughout the project, the ITS LLC team members are dedicated to implementing an ongoing quality control and quality assurance (QA/QC) process. All work will be checked internally, first by the team members performing the work, and then by the team’s QA/QC reviewers. QA/QC reviews will be conducted by **Jonathan Fox, P.E., PTOE, PMP**, of ITS LLC for all traffic-related tasks, **TJ Stokes, P.E.**, of **T. Baker Smith, LLC**, for all design-related tasks, and **Karla Weston, P.E.**, of **Civil Design & Construction, Inc.**, for all survey-related tasks.

**WORKLOAD:** Each firm’s workload is shown in Section 19. The personnel committed to this project have the availability to begin work immediately upon issuance of the first task order.

**COMMITMENT BY THE ITS LLC TEAM:** In summary, the ITS LLC Team, including all subconsultants, have the expertise and resources to complete this project to a satisfactory conclusion for the Louisiana Department of Transportation and Development. All firms commit to making all necessary resources available for the project to start on time and to progress without any delays within the control of the firms.

PROJECT PHASE/TASK DESCRIPTION	DURATION
Preliminary Engineering	[Gantt bar from start to approx. 15%]
Traffic & Pedestrian Studies	[Gantt bar from approx. 15% to 30%]
Data Collection	[Gantt bar from approx. 15% to 20%]
Existing & No Build	[Gantt bar from approx. 20% to 30%]
Safety Analysis	[Gantt bar from approx. 25% to 30%]
Alternatives Analysis	[Gantt bar from approx. 30% to 45%]
Bike/Ped Studies	[Gantt bar from approx. 30% to 45%]
Stage 1 - Environmental and Permitting	[Gantt bar from approx. 45% to 60%]
Stage 3 - Final Design Process	[Gantt bar from approx. 60% to 100%]
Survey	[Gantt bar from approx. 60% to 75%]
Preliminary & Final Design	[Gantt bar from approx. 75% to 100%]
30% Preliminary Plans	[Gantt bar from approx. 75% to 85%]
60% Preliminary Plans	[Gantt bar from approx. 85% to 95%]
95% Preliminary Plans	[Gantt bar from approx. 95% to 100%]
100% Preliminary Plans	[Gantt bar from approx. 95% to 100%]
60% Final Plans	[Gantt bar from approx. 85% to 95%]
95% Final Plans	[Gantt bar from approx. 95% to 100%]
98% Final/100% Final Plans	[Gantt bar from approx. 95% to 100%]



**19. Workload:**

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

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

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually.

List only the portion of the fees attributable to firms on the team.

Firm(s)	Past Performance Evaluation Discipline(s)*	State project number	Project name	Remaining Unpaid Balance**
Intelligent Transportation Systems LLC (ITS LLC)	ITS	H.013256.6	I-10 ITS Scott to Lake Charles - Construction	\$13,679
	ITS	H.014515	511 & ATMS SEA	\$4,315
	ITS	H.013710.6	I-10: US61 to LaPlace Deployment	\$26,808
	ITS	H.011152	I-12- US 190 to LA 59	\$49,382
	ITS	H.007160	EBR Computerized Signal Phase VB	\$19,995
	ITS	H.001234.6	LA1 Port Allen Canal BR Replacement	\$14,291
	ITS	H.013868.6(A)	ITS Routine Maintenance Engineering and Inspection (ME&I)	\$83,853
	ITS	H.013868.6 (B)	ITS Responsive/Emergency ME&I Statewide	\$75,196
	ITS	H.013868.5	ITS Maintenance Program Management and Operations	\$17,029
	ITS	H.011504	Alexandria Phase 2	\$83,043
	ITS	H.012676	I-10 Ramps at LA 3019 Interstate Improvements	\$4,970
	ITS	H.002424.6	LA 70: Sunshine Bridge – LA 22	\$19,734
	ITS	H.003047	Pecue Lane/I10 Interchange Phase III	\$25,364
	Traffic	44-24461	LA 385 – Ryan St Intersection Improvements	\$180,000
	Traffic	44-21887	Replacement of Fifteen Bridges	\$79,573





## 19. Workload:

Firm(s) All firms must be represented in this table	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Unpaid Balance**
T. Baker Smith, LLC	Bridge	H.013199	Country Estates Dr. Over St. Louis Bayou	\$799
T. Baker Smith, LLC	Bridge	H.014217	LA 537: Bridges Near Plain Dealing	\$19,500
T. Baker Smith, LLC	Bridge	H.014218	LA 2A: Thorny Branch & Indian Creek Brs	\$2,228
T. Baker Smith, LLC	Bridge	H.014219	LA 507: Creek Bridges Near Simsboro	\$5,778
T. Baker Smith, LLC	Bridge	H.014222	LA 516: Poland Branch Bridge	\$667
T. Baker Smith, LLC	Bridge	H.014228	LA 159: Bridges Near Shongaloo	\$12,468
T. Baker Smith, LLC	Bridge	H.014231	LA 153: Topy Creek Relief & Drain Brs	\$56,184
T. Baker Smith, LLC	Bridge	H.014236	LA 3008: Bridges Near Cotton Valley	\$72,278
T. Baker Smith, LLC	Bridge	H.014238	LA 818: Barnet Springs & Creek Bridges	\$5,241
T. Baker Smith, LLC	Bridge	H.014239	LA 589: Lyon Bayou Bridge	\$13,224
T. Baker Smith, LLC	Bridge	H.014264	LA 556: Bridges Near Choudrant	\$45,706
T. Baker Smith, LLC	Bridge	H.015339	Lakeside Loop Over Yocum Creek	\$35,210
T. Baker Smith, LLC	Bridge	H.015442	Bobby Gaspard Crossing Over Bayou Glaise	\$19,684
T. Baker Smith, LLC	Bridge	H.015444	Shady Grove Road Over Middle Creek	\$58,104
T. Baker Smith, LLC	Bridge	H.015445	Harrisonburg Road Over Nantaches Creek	\$13,146
T. Baker Smith, LLC	Bridge	H.015446	Craigerville Road Over Mayhaw Branch	\$13,146
T. Baker Smith, LLC	Bridge	H.015447	Cutts Road Over Hemphill Creek	\$13,146
T. Baker Smith, LLC	Bridge	H.015448	Philadelphia Road Over Haines Creek	\$13,491
T. Baker Smith, LLC	Bridge	H.015449	Grand Staff Road Over Creek	\$12,556
T. Baker Smith, LLC	Environmental	H.014217	LA 537: Bridges Near Plain Dealing	\$4,470
T. Baker Smith, LLC	Environmental	H.014218	LA 2A: Thorny Branch & Indian Creek Brs	\$0
T. Baker Smith, LLC	Environmental	H.014219	LA 507: Creek Bridges Near Simsboro	\$2,411
T. Baker Smith, LLC	Environmental	H.014222	LA 516: Poland Branch Bridge	\$1,052
T. Baker Smith, LLC	Environmental	H.014228	LA 159: Bridges Near Shongaloo	\$6,022
T. Baker Smith, LLC	Environmental	H.014231	LA 153: Topy Creek Relief & Drain Brs	\$15,059
T. Baker Smith, LLC	Environmental	H.014236	LA 3008: Bridges Near Cotton Valley	\$20,854
T. Baker Smith, LLC	Environmental	H.014238	LA 818: Barnet Springs & Creek Bridges	\$1,721

## 19. Workload:

Firm(s) All firms must be represented in this table	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Un- paid Balance**
T. Baker Smith, LLC	Environmental	H.014239	LA 589: Lyon Bayou Bridge	\$6,535
T. Baker Smith, LLC	Environmental	H.014264	LA 556: Bridges Near Choudrant	\$16,941
T. Baker Smith, LLC	Environmental	H.015339	Lakeside Loop Over Yocum Creek	\$38,000
T. Baker Smith, LLC	Environmental	H.015442	Bobby Gaspard Crossing Over Bayou Glaise	\$24,000
T. Baker Smith, LLC	Environmental	H.015443	Bordelon Crossing Over Bayou Rouge	\$40,000
T. Baker Smith, LLC	Environmental	H.015444	Shady Grove Road Over Middle Creek	\$70,000
T. Baker Smith, LLC	Environmental	H.015445	Harrisonburg Road Over Nantaches Creek	\$40,000
T. Baker Smith, LLC	Environmental	H.015446	Craigerville Road Over Mayhaw Branch	\$40,000
T. Baker Smith, LLC	Environmental	H.015447	Cutts Road Over Hemphill Creek	\$40,000
T. Baker Smith, LLC	Environmental	H.015448	Philadelphia Road Over Haines Creek	\$22,500
T. Baker Smith, LLC	Environmental	H.015449	Grand Staff Road Over Creek	\$40,000
T. Baker Smith, LLC	Other (Hydraulics)	H.015445	Harrisonburg Road Over Nantaches Creek	\$17,000
T. Baker Smith, LLC	Other (Hydraulics)	H.015446	Craigerville Road Over Mayhaw Branch	\$17,000
T. Baker Smith, LLC	Other (Hydraulics)	H.015447	Cutts Road Over Hemphill Creek	\$17,000
T. Baker Smith, LLC	Other (Construction Support)	H.001344	US 190: LA 437 to US 190 Bus (Ph 1)	\$92,580
T. Baker Smith, LLC	Other (Construction Support)	H.004113	LA 3241: LA 435 to LA 40/41	\$102,092
T. Baker Smith, LLC	Other (Construction Support)	H.011152	I-12: US 190 to LA 59	\$85,282
T. Baker Smith, LLC	Other (Construction Support)	H.013942	LA 9: Middle Fork Bayou and Creek Bridges	\$26,186
T. Baker Smith, LLC	Other (Construction Support)	H.015339	Lakeside Loop Over Yocum Creek	\$18,000
T. Baker Smith, LLC	Other (Construction Support)	H.015442	Bobby Gaspard Crossing Over Bayou Glaise	\$8,400
T. Baker Smith, LLC	Other (Construction Support)	H.015443	Bordelon Crossing Over Bayou Rouge	\$7,000
T. Baker Smith, LLC	Other (Construction Support)	H.015444	Shady Grove Road Over Middle Creek	\$20,000
T. Baker Smith, LLC	Other (Construction Support)	H.015445	Harrisonburg Road Over Nantaches Creek	\$6,000
T. Baker Smith, LLC	Other (Construction Support)	H.015446	Craigerville Road Over Mayhaw Branch	\$6,000
T. Baker Smith, LLC	Other (Construction Support)	H.015447	Cutts Road Over Hemphill Creek	\$6,000
T. Baker Smith, LLC	Other (Construction Support)	H.015448	Philadelphia Road Over Haines Creek	\$6,000
T. Baker Smith, LLC	Other (Construction Support)	H.015449	Grand Staff Road Over Creek	\$5,500

## 19. Workload:

Firm(s) All firms must be represented in this table	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remain- ing Un- paid Balance**
T. Baker Smith, LLC	Road	H.014219	LA 507: Creek Bridges Near Simsboro	\$6,007
T. Baker Smith, LLC	Road	H.014228	LA 159: Bridges Near Shongaloo	\$27,467
T. Baker Smith, LLC	Road	H.014231	LA 153: Topy Creek Relief & Drain Brs	\$55,568
T. Baker Smith, LLC	Road	H.014236	LA 3008: Bridges Near Cotton Valley	\$71,486
T. Baker Smith, LLC	Road	H.014239	LA 589: Lyon Bayou Bridge	\$21,124
T. Baker Smith, LLC	Road	H.014264	LA 556: Bridges Near Choudrant	\$46,033
T. Baker Smith, LLC	Road	H.015339	Lakeside Loop Over Yocum Creek	\$81,790
T. Baker Smith, LLC	Road	H.015442	Bobby Gaspard Crossing Over Bayou Glaise	\$36,316
T. Baker Smith, LLC	Road	H.015444	Shady Grove Road Over Middle Creek	\$157,896
T. Baker Smith, LLC	Road	H.015445	Harrisonburg Road Over Nantaches Creek	\$27,854
T. Baker Smith, LLC	Road	H.015446	Craigerville Road Over Mayhaw Branch	\$27,854
T. Baker Smith, LLC	Road	H.015447	Cutts Road Over Hemphill Creek	\$27,854
T. Baker Smith, LLC	Road	H.015448	Philadelphia Road Over Haines Creek	\$32,509
T. Baker Smith, LLC	Road	H.015449	Grand Staff Road Over Creek	\$28,944
T. Baker Smith, LLC	Road	H.014222	LA 516: Poland Branch Bridge	\$1,325
T. Baker Smith, LLC	Road	H.014238	LA 818: Barnet Springs & Creek Bridges	\$5,241
T. Baker Smith, LLC	Road	H.010557	LaJaunie Rd/Lateral 1 Bayou St. Clair Bridge Replacement	\$18,098
T. Baker Smith, LLC	Road	H.012812	US 190 at Northshore and Camp Villere	\$5,020
T. Baker Smith, LLC	Road	H.013199	Country Estates Dr. Over St. Louis Bayou	\$750
T. Baker Smith, LLC	Road	H.013988	LA 534: Bridges (LA 2 to Haynesville)	\$3,773
T. Baker Smith, LLC	Road	H.013995	LA 507, LA 514, Local: Bayou and CR BRS	\$2,240
T. Baker Smith, LLC	Road	H.014217	LA 537: Bridges Near Plain Dealing	\$21,858
T. Baker Smith, LLC	Road	H.014218	LA 2A: Thorny Branch & Indian Creek Brs	\$4,351
T. Baker Smith, LLC	Other (Subsurface Utility Engineering)	H.003931.5	Calcasieu River Bridge Phase 3	\$13,105
T. Baker Smith, LLC	Other (Subsurface Utility Engineering)	H.003931.5	Calcasieu River Bridge Phase 4	\$32,016
T. Baker Smith, LLC	Other (Subsurface Utility Engineering)	H.003931.5	Calcasieu River Bridge UC and Test Holes	\$430,423


## 19. Workload:

Firm(s) All firms must be represented in this table	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Un- paid Balance**
<b>T. Baker Smith, LLC</b>	Survey	H.014239	LA 589: Lyon Bayou Bridge	\$1,613
<b>T. Baker Smith, LLC</b>	Survey	H.014264	LA 556: Bridges Near Choudrant	\$25,238
<b>T. Baker Smith, LLC</b>	Survey	H.014414	LA 22: Bedico Creek – Pine Creek Dr.	\$81,473
<b>T. Baker Smith, LLC</b>	Survey	H.015587	LA 3211 @ Yokley Rd Roundabout	\$97,179
<b>T. Baker Smith, LLC</b>	Survey	H.015339	Lakeside Loop Over Yocum Creek	\$115,000
<b>T. Baker Smith, LLC</b>	Survey	H.015442	Bobby Gaspard Crossing Over Bayou Glaise	\$55,600
<b>T. Baker Smith, LLC</b>	Survey	H.015443	Bordelon Crossing Over Bayou Rouge	\$38,000
<b>T. Baker Smith, LLC</b>	Survey	H.015444	Shady Grove Road Over Middle Creek	\$150,000
<b>T. Baker Smith, LLC</b>	Survey	H.015445	Harrisonburg Road Over Nantaches Creek	\$55,000
<b>T. Baker Smith, LLC</b>	Survey	H.015446	Craigerville Road Over Mayhaw Branch	\$55,000
<b>T. Baker Smith, LLC</b>	Survey	H.015447	Cutts Road Over Hemphill Creek	\$55,000
<b>T. Baker Smith, LLC</b>	Survey	H.015448	Philadelphia Road Over Haines Creek	\$55,000
<b>T. Baker Smith, LLC</b>	Survey	H.015449	Grand Staff Road Over Creek	\$55,000
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	H.014217	LA 537: Bridges Near Plain Dealing	\$4,733
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	H.014218	LA 2A: Thorny Branch & Indian Creek Brs	\$904
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	H.014219	LA 507: Creek Bridges Near Simsboro	\$782
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	H.014222	LA 516: Poland Branch Bridge	\$161
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	H.014228	LA 159: Bridges Near Shongaloo	\$1,458
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	H.014231	LA 153: Topy Creek Relief & Drain Brs	\$10,566
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	H.014236	LA 3008: Bridges Near Cotton Valley	\$6,774
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	H.014238	LA 818: Barnet Springs & Creek Bridges	\$1,646
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	H.014239	LA 589: Lyon Bayou Bridge	\$9,584
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	H.014264	LA 556: Bridges Near Choudrant	\$16,725
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	H.015339	Lakeside Loop Over Yocum Creek	\$12,000
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	H.015442	Bobby Gaspard Crossing Over Bayou Glaise	\$6,000
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	H.015443	Bordelon Crossing Over Bayou Rouge	\$10,000
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	H.015444	Shady Grove Road Over Middle Creek	\$20,000

19. Workload:

Firm(s) All firms must be represented in this table	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Un- paid Balance**
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	H.015445	Harrisonburg Road Over Nantaches Creek	\$4,000
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	H.015446	Craigerville Road Over Mayhaw Branch	\$4,000
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	H.015447	Cutts Road Over Hemphill Creek	\$4,000
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	H.015448	Philadelphia Road Over Haines Creek	\$4,000
<b>T. Baker Smith, LLC</b>	Other (Contract Management)	H.015449	Grand Staff Road Over Creek	\$4,000

**19. Workload**

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s)	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance
	Road, Bridge	4400004662 H.004367.5	Earhart Expressway to US 61 (Project Canceled)	\$215,483
	Traffic	4400004662 H.004367.5	Earhart Traffic Evaluation (Project Canceled)	\$27,990
	Bridge	4400021593 H.009859.5	Bridge Load Rating	\$2,226,557
	Environmental, Bridge, Planning, Road, Traffic	4400004128 H.004273.5	I-49 Connector	\$1,610,875
	Bridge	4400023921 H.001970.5	LA 561 Boeuf River Bridge	\$267,079

19. Workload:

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

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

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

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
Civil Design & Construction, Inc.	Survey	4400017091/ TO-3	LWI Statewide Modeling R5 – Task Order #3	89,482
Civil Design & Construction, Inc.	Survey	H.011833.5	St. Mary Street Sidewalks	3,236
Civil Design & Construction, Inc.	Survey	H.011235.5	I-49 South @ Verot School Rd	194,801
Civil Design & Construction, Inc.	Survey	H.011235.5	I-20: UPRR Overpass	243,302

(Add rows as needed)

DO NOT SUM

\* The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify). If a firm has more than one past performance evaluation discipline for any single project, the firm can use multiple rows to express the remaining unpaid balance per evaluation discipline.

\*\* Round to the nearest dollar. **Do not** round to the nearest thousands. If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column. NOTE: ALL FIRMS MUST BE REPRESENTED IN THIS TABLE. LEAVING THE “REMAINING UNPAID BALANCE” COLUMN BLANK IS NOT ACCEPTABLE.

**19. Workload:**

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

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

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually.

List only the portion of the fees attributable to firms on the team.

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
Grey Engineering	Traffic	4400023690	IDIQ Contract for Safety Studies Statewide	\$9,414

(Add rows as needed)

DO NOT SUM

\* The **only** past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify). If a firm has more than one past performance evaluation discipline for any single project, the firm can use multiple rows to express the remaining unpaid balance per evaluation discipline.

\*\* Round to the nearest dollar. **Do not** round to the nearest thousands. If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column. NOTE: ALL FIRMS MUST BE REPRESENTED IN THIS TABLE. LEAVING THE “REMAINING UNPAID BALANCE” COLUMN BLANK IS NOT ACCEPTABLE.






## LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of **11/7/2022** the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mrs. Kimberly Dawn McDaniel  
10132 Springvalley Avenue  
Baton Rouge, Louisiana 70810

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS)</b>	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
<b>Mrs. Kimberly Dawn McDaniel</b>		
License/Certificate Type - Number	Expiration Date	
<b>PE.0032973</b>	<b>09/30/2023</b>	
<b>Status: Active</b>		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

Fold Here →

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Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.

### Disclaimer

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# Transportation Professional Certification Board Inc.

*certifies that*

**Kimberly D. McDaniel**

*has met all of the requirements established by the Certification Board  
to use the title of*

**PROFESSIONAL TRAFFIC OPERATIONS ENGINEER**

*unless withdrawn by the Certification Board and subject to the provisions for renewal.*

*Certificate number 2072 issued in Washington, D.C., U.S.A.*

*October 2, 2007*

*Steven D. Hofener*  
Chair



*James W. [Signature]*  
Executive Director

# Transportation Professional Certification Board, Inc.

*certifies that*

## Kimberly McDaniel

*has met all of the requirements established by the Certification Board  
to use the title of*

### Professional Transportation Planner

*unless withdrawn by the Certification Board and subject to the provisions for renewal.*

*Certificate number 802 issued in Washington, DC, USA*

*3/14/2022*

*Deborah L. Snyder*

*Deborah Snyder  
Chair*



*J. F. Paniati*

*Jeffrey F. Paniati  
Executive Director*

# *Certificate of Completion*

presented to

*Kimberly McDaniel*

for completing the

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

*Date:* June 4, 2018  
*Location:* Baton Rouge, Louisiana

*Professional Development  
Hours (PDHs) Awarded:* 4

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized instructor*



# *Certificate of Completion*

presented to

*Kimberly McDaniel*

for completing the

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

*Date:* June 11, 2018  
*Location:* Baton Rouge, Louisiana

*Professional Development  
Hours (PDHs) Awarded:* 4

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized instructor*



# *Certificate of Completion*

presented to

*Kimberly McDaniel*

for completing the

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

*Date:* September 10, 2018  
*Location:* Baton Rouge, Louisiana

*Professional Development  
Hours (PDHs) Awarded:* 3

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized instructor*






## LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of **11/7/2022** the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. Jonathan Nicolas Fox  
20405 Highland Road  
Baton Rouge, Louisiana 70817

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS)</b>	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
<b>Mr. Jonathan Nicolas Fox</b>		
License/Certificate Type - Number	Expiration Date	
<b>PE.0033277</b>	<b>09/30/2023</b>	
<b>Status: Active</b>		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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# Transportation Professional Certification Board Inc.

*certifies that*

## Jonathan Nicolas Fox

*has met all of the requirements established by the Certification Board  
to use the title of*

**PROFESSIONAL TRAFFIC OPERATIONS ENGINEER**

*unless withdrawn by the Certification Board, and subject to the provisions for renewal.*

*Certificate number 2329 issued in Washington, D.C., U.S.A.*

*November 7, 2007*

*Steven D. Hofener*  
Chair



*James W. [Signature]*  
Executive Director



# Project Management Institute

THIS IS TO CERTIFY THAT

**Jonathan N. Fox**

HAS BEEN FORMALLY EVALUATED FOR DEMONSTRATED EXPERIENCE, KNOWLEDGE AND PERFORMANCE IN ACHIEVING AN ORGANIZATIONAL OBJECTIVE THROUGH DEFINING AND OVERSEEING PROJECTS AND RESOURCES AND IS HEREBY BESTOWED THE GLOBAL CREDENTIAL

**Project Management Professional (PMP)®**

IN TESTIMONY WHEREOF, WE HAVE SUBSCRIBED OUR SIGNATURES UNDER THE SEAL OF THE INSTITUTE



**Tony Appleby**  
Chair, Board of Directors



**Sunil Prashara**  
President and Chief Executive Officer



**PMP® Number:** 1812148  
**PMP® Original Grant Date:** 28 April 2015  
**PMP® Expiration Date:** 27 April 2024



# *Certificate of Completion*

presented to

*Jonathan Fox*

for completing the

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

*Date:* October 1, 2018  
*Location:* Baton Rouge, Louisiana

*Professional Development  
Hours (PDHs) Awarded:* 2.5

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized instructor*



# *Certificate of Completion*

presented to

*Jonathan Fox*

for completing the

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

*Date:* December 10, 2018  
*Location:* Baton Rouge, Louisiana

*Professional Development  
Hours (PDHs) Awarded:* 3

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized instructor*



# *Certificate of Completion*

presented to

*Jonathan Fox*

for completing the

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

*Date:* December 17, 2018  
*Location:* Baton Rouge, Louisiana

*Professional Development  
Hours (PDHs) Awarded:* 3

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized instructor*





6/30/2015

338523  
Mr. Jonathan Fox  
Intelligent Transportation Systems  
20405 Highland Rd.  
Baton Rouge, LA 70817

Dear Mr. Fox,

The American Traffic Safety Services Association (ATSSA) appreciates your participation in our Traffic Control Design Specialist - 1 day course held in Baton Rouge, LA. Your certificate of attendance is enclosed.

You received a passing grade of 100% on the final examination. Congratulations on your successful completion of this course.

Please call us at 877-642-4637 if you have any questions.

Sincerely,

Training and Business  
Development Department

**~ Educated Employees Do Save Lives ~**

A M E R I C A N   T R A F F I C   S A F E T Y   S E R V I C E S   A S S O C I A T I O N

15 RIVERSIDE PARKWAY • SUITE 100 • FREDERICKSBURG, VA 22406-1022  
TEL 540-368-1701 • FAX 540-368-1717 • TOLL FREE 800-272-8772 • TRAINING 877-642-4637

[www.atssa.com](http://www.atssa.com)

*The American Traffic Safety  
Services Association*

*Hereby recognizes that*

**Jonathan Fox**  
has attended

**Traffic Control Design Specialist - 1 day**

Training Course



*Donna M. Clark*  
Training & Products Dept. Director

*Ryan A. Wentz*  
President, CEO

06/22/2015

Date

Baton Rouge, LA

Location



3/10/22

338523  
Mr. Jonathan Fox  
20405 Highland Rd  
Baton Rouge, LA 70817-7348  
US

Dear Mr. Fox,

The American Traffic Safety Services Association (ATSSA) appreciates your participation in our Traffic Control Supervisor Refresher-LA State Specific course held on 1/25/2022. Your certificate of attendance is enclosed.

You received a passing grade of 96.00% on the final examination. Congratulations on your successful completion of this course.

Please call us at 877-642-4637 if you have any questions.

Sincerely,

Training and Business  
Development Department

**~ Educated Employees Do Save Lives ~**

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



# PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

---

**Jonathan Fox**

has attended

**Traffic Control Supervisor Refresher-LA State Specific**

Training Course

---

1/25/2022 to 1/25/2026  
Training Valid Through

Baton Rouge, LA  
Location

A handwritten signature in black ink, appearing to read "Ramona Smith".

Director of Training

A handwritten signature in black ink, appearing to read "Alan T. Johnson".

President, CEO

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

*This certificate provides proof of training, not certification.*



American Traffic Safety Services Association [ATSSA.com](http://ATSSA.com)






## LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of **11/7/2022** the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mrs. Diane Callahan Hammonds  
20405 Highland Road  
Baton Rouge, Louisiana 70817

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS)</b>	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
<b>Mrs. Diane Callahan Hammonds</b>		
License/Certificate Type - Number	Expiration Date	
<b>PE.0040749</b>	<b>09/30/2024</b>	
<b>Status: Active</b>		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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# Transportation Professional Certification Board, Inc.

*certifies that*

**Diane Callahan Hammonds**

*has met all of the requirements established by the Certification Board  
to use the title of*

**Professional Traffic Operations Engineer**

*unless withdrawn by the Certification Board and subject to the provisions for renewal.*

*Certificate number 4113 issued in Washington, DC, USA*

*12/19/16*



*Kenneth W. Acheret  
Chair*



*Jeffrey F. Paniati  
Executive Director*

# Transportation Professional Certification Board, Inc.

*certifies that*

## Diane C. Hammonds

*has met all of the requirements established by the Certification Board  
to use the title of*

### Road Safety Professional

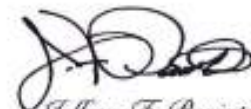
*unless withdrawn by the Certification Board and subject to the provisions for renewal.*

*Certificate number 798 issued in Washington, DC, USA*

*8/14/2022*



*Deborah Snyder  
Chair*



*Jeffrey F. Paniati  
Executive Director*

# *Certificate of Completion*

presented to

*Diane Hammonds*

for completing the

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

*Date:* June 4, 2018  
*Location:* Baton Rouge, Louisiana

*Professional Development  
Hours (PDHs) Awarded:* 4

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized instructor*



# *Certificate of Completion*

presented to

*Diane Hammonds*

for completing the

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

*Date:* June 11, 2018  
*Location:* Baton Rouge, Louisiana

*Professional Development  
Hours (PDHs) Awarded:* 4

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized instructor*



# *Certificate of Completion*

presented to

*Diane Hammonds*

for completing the

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

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

*Professional Development  
Hours (PDHs) Awarded:* 3

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized instructor*





# PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

---

**Diane Hammonds**

has attended

**Traffic Control Supervisor-LA State Specific**

Training Course

---

4/29/2020 to 4/30/2020

Date

*Diane M. Clark*  
Vice President of Member Services

Location

*Alexis Tschirner*  
President, CEO




American Traffic Safety Services Association ATSSA.com



## LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of **11/7/2022** the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. Clarke Phillip Chauvin  
14433 Courtshire Avenue  
Baton Rouge, Louisiana 70817

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS)</b>	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
<b>Mr. Clarke Phillip Chauvin</b>		
License/Certificate Type - Number	Expiration Date	
<b>PE.0041770</b>	<b>09/30/2023</b>	
<b>Status: Active</b>		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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# Transportation Professional Certification Board, Inc.

*certifies that*

**Clarke Phillip Chauvin**

*has met all of the requirements established by the Certification Board  
to use the title of*

**Professional Traffic Operations Engineer**

*unless withdrawn by the Certification Board and subject to the provisions for renewal.  
Certificate number 4337 issued in Washington, DC, U.S.A*

*11/20/17*

  
*Michael K. Park*  
*Chair*



  
*Jeffrey F. Paniati*  
*Executive Director*

# Project Management Institute

THIS IS TO CERTIFY THAT

Clarke Chauvin

HAS BEEN FORMALLY EVALUATED FOR DEMONSTRATED EXPERIENCE, KNOWLEDGE AND PERFORMANCE IN ACHIEVING AN ORGANIZATIONAL OBJECTIVE THROUGH DEFINING AND OVERSEEING PROJECTS AND RESOURCES AND IS HEREBY BESTOWED THE GLOBAL CREDENTIAL

Project Management Professional (PMP)<sup>®</sup>

IN TESTIMONY WHEREOF, WE HAVE SUBSCRIBED OUR SIGNATURES UNDER THE SEAL OF THE INSTITUTE



**Tony Appleby**  
Chair, Board of Directors



**Sunil Prashara**  
President and Chief Executive Officer



**PMP<sup>®</sup> Number:** 2858208

**PMP<sup>®</sup> Original Grant Date:** 12 November 2020

**PMP<sup>®</sup> Expiration Date:** 11 November 2023



# *Certificate of Completion*

presented to

*Clarke Chauvin*

for completing the

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

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

*Professional Development  
Hours (PDHs) Awarded:* 2

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized instructor*



# *Certificate of Completion*

presented to

*Clarke Chauvin*

for completing the

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

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

*Professional Development  
Hours (PDHs) Awarded:* 3

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized instructor*



# *Certificate of Completion*

presented to

*Clarke Chauvin*

for completing the

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

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

*Professional Development  
Hours (PDHs) Awarded:* 3

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized instructor*





3/10/22

430066  
Mr. Clarke Chauvin  
20405 Highland Rd  
Baton Rouge, LA 70817-7348  
US

Dear Mr. Chauvin,

The American Traffic Safety Services Association (ATSSA) appreciates your participation in our Traffic Control Supervisor Refresher-LA State Specific course held on 1/25/2022. Your certificate of attendance is enclosed.

You received a passing grade of 98.00% on the final examination. Congratulations on your successful completion of this course.

Please call us at 877-642-4637 if you have any questions.

Sincerely,

Training and Business  
Development Department

**~ Educated Employees Do Save Lives ~**

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



# PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

---

**Clarke Chauvin**

has attended

**Traffic Control Supervisor Refresher-LA State Specific**

Training Course

---

1/25/2022 to 1/25/2026  
Training Valid Through

Baton Rouge, LA  
Location

A handwritten signature in black ink, appearing to read "Ramona Smith".

Director of Training

A handwritten signature in black ink, appearing to read "Alan T. Chauvin".

President, CEO

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

*This certificate provides proof of training, not certification.*




American Traffic Safety Services Association [ATSSA.com](http://ATSSA.com)



## LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of **11/7/2022** the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. Colin James Francis  
23 Kramer Place  
Mandeville, Louisiana 70471

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS)</b>	
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com	
<b>Mr. Colin James Francis</b>		
License/Certificate Type - Number	Expiration Date	
<b>EI.0035053</b>	<b>09/30/2024</b>	
<b>Status: Active</b>		
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>		

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# *Certificate of Completion*

presented to

*Colin Francis*

for completing the

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

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

*Professional Development  
Hours (PDHs) Awarded:* 3



---

*Authorized Instructor*



---

*Authorized Instructor*



---

*Authorized instructor*



# *Certificate of Completion*

presented to

*Colin Francis*

for completing the

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

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

*Professional Development  
Hours (PDHs) Awarded:* 3



---

*Authorized Instructor*



---

*Authorized Instructor*



---

*Authorized instructor*



# *Certificate of Completion*

presented to

*Colin Francis*

for completing the

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

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

*Professional Development  
Hours (PDHs) Awarded:* 3



---

*Authorized Instructor*



---

*Authorized Instructor*



---

*Authorized instructor*





# PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

---

**Colin Francis**

has attended

**Traffic Control Technician-LA State Specific**

Training Course

---

8/2/2022 to 8/2/2026  
Training Valid Through

Baton Rouge, LA  
Location

*Ramona Smith*  
Director of Training

*Alan Teichner*  
President, CEO

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



American Traffic Safety Services Association [ATSSA.com](http://ATSSA.com)



# PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

---

**Colin Francis**

has attended

**Traffic Control Supervisor-LA State Specific**

Training Course

---

8/3/2022 to 8/3/2026  
Training Valid Through

Baton Rouge, LA  
Location

*Ramona Smith*  
Director of Training

*Alan T. Johnson*  
President, CEO

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



American Traffic Safety Services Association [ATSSA.com](http://ATSSA.com)

20. Certifications/Licenses:



LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)  
 9643 Brookline Avenue, Suite 121  
 Baton Rouge, LA 70809  
 Phone (225) 925-6291  
 www.lapels.com

**Mr. Kenneth John Belou Jr.**  
 License/Certificate Type - Number  
**PE.0038850**  
 Status: **Active**  
 Expiration Date  
**09/30/2024**



LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)  
 9643 Brookline Avenue, Suite 121  
 Baton Rouge, LA 70809  
 Phone (225) 925-6291  
 www.lapels.com

**Mr. Brady Paul Smith**  
 License/Certificate Type - Number  
**PE.0045362**  
 Status: **Active**  
 Expiration Date  
**09/30/2023**



LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)  
 9643 Brookline Avenue, Suite 121  
 Baton Rouge, LA 70809  
 Phone (225) 925-6291  
 www.lapels.com

**Mrs. Kelly B. Radecker**  
 License/Certificate Type - Number  
**PE.0043919**  
 Status: **Active**  
 Expiration Date  
**03/31/2024**

20. Certifications/Licenses:



  
**PROOF OF TRAINING**  
THIS CERTIFICATE HEREBY RECOGNIZES THAT

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**TJ B Stokes**  
has attended  
**Traffic Control Supervisor-LA State Specific**  
Training Course

---

11/30/2022 to 11/30/2026  
Training Valid Through

Baton Rouge, LA  
Location

  
Director of Training

  
President, CEO

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

 American Traffic Safety Services Association ATSSA.com

  
**PROOF OF TRAINING**  
THIS CERTIFICATE HEREBY RECOGNIZES THAT


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**Perry Smith Jr.**  
has attended  
**Traffic Control Supervisor Refresher-LA State Specific**  
Training Course

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6/24/2022 to 6/24/2026  
Training Valid Through

Baton Rouge, LA  
Location

  
Director of Training

  
President, CEO




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


 American Traffic Safety Services Association ATSSA.com

**MPR 2, 3: Derek Chisholm**

*Certificate of Completion*  
presented to  
*Derek Chisholm*  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 1**




Date: March 10, 2021      Professional Development  
Location: Baton Rouge, Louisiana      Hours (PDHs) Awarded: 3


              
 Authorized Instructor      Authorized Instructor      Authorized instructor



*Certificate of Completion*  
presented to  
*Derek Chisholm*  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 2**




Date: March 10, 2021      Professional Development  
Location: Baton Rouge, Louisiana      Hours (PDHs) Awarded: 3


              
 Authorized Instructor      Authorized Instructor      Authorized instructor



*Certificate of Completion*  
presented to  
*Derek Chisholm*  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 3**

Date: March 11, 2021      Professional Development  
Location: Baton Rouge, Louisiana      Hours (PDHs) Awarded: 3

              
 Authorized Instructor      Authorized Instructor      Authorized instructor



**National Highway Institute**  
*Certificate of Training*  
*Derek Chisholm*  
*has participated in*  
FHWA-NHI-142005 NEPA and Transportation Decision-Making

*hosted by*  
Tennessee Department of Transportation 

Date: November 4-6, 2014      Hours of Instruction: 18 hours  
Location: TDOT Region 1, Knoxville

      \_\_\_\_\_  
 Instructor      Local Coordinator  
      Valerie Briggs, Director  
 Instructor      National Highway Institute



**MPR 11: Gregory Trahan, PE, RSP<sub>1</sub>**


*Certificate of Completion*  
presented to  
*Gregory Trahan*  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 1**

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

*Jody Calbrene*  
Authorized Instructor

*John H. [Signature]*  
Authorized Instructor

*Gregory Trahan*  
Authorized instructor



LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT

*Certificate of Completion*  
presented to  
*Gregory Trahan*  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 2**

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

*Jody Calbrene*  
Authorized Instructor

*John H. [Signature]*  
Authorized Instructor

*Gregory Trahan*  
Authorized instructor



LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT

*Certificate of Completion*  
presented to  
*Gregory Trahan*  
for completing the  
**Traffic Engineering Analysis Process & Report  
Module 3**

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

*Jody Calbrene*  
Authorized Instructor

*John H. [Signature]*  
Authorized Instructor

*Gregory Trahan*  
Authorized instructor



LOUISIANA DEPARTMENT OF  
TRANSPORTATION & DEVELOPMENT



**PROOF OF TRAINING**  
THIS CERTIFICATE HEREBY RECOGNIZES THAT

**Gregory Trahan**  
has attended  
**Traffic Control Supervisor Refresher-LA State Specific**  
Training Course

5/19/2023 to 5/19/2027  
Training Valid Through

New Orleans, LA  
Location

*Don M. Clark*  
Vice President of Education and Technical Services

*Alan Trahan*  
President, CEO

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



American Traffic Safety Services Association ATSSA.com

20. Certificates/Licenses:



LOUISIANA PROFESSIONAL  
ENGINEERING & LAND SURVEYING BOARD  
(LAPELS)  
9643 Brookline Avenue, Suite 121  
Baton Rouge, LA 70809  
Phone (225) 925-6291  
www.lapels.com

**Mrs. Karla Ewing Weston**

License/Certificate Type - Number	Expiration Date
PE.0031010	03/31/2024

Status: **Active**




LOUISIANA PROFESSIONAL  
ENGINEERING & LAND SURVEYING BOARD  
(LAPELS)  
9643 Brookline Avenue, Suite 121  
Baton Rouge, LA 70809  
Phone (225) 925-6291  
www.lapels.com

**Mr. Ralph D. Burgess**

License/Certificate Type - Number	Expiration Date
PLS.0005040	09/30/2024

Status: **Active**



LOUISIANA PROFESSIONAL  
ENGINEERING & LAND SURVEYING BOARD  
(LAPELS)  
9643 Brookline Avenue, Suite 121  
Baton Rouge, LA 70809  
Phone (225) 925-6291  
www.lapels.com

**Mr. Christopher Lyle Ballard**

License/Certificate Type - Number	Expiration Date
PLS.0005033	09/30/2024

Status: **Active**



LOUISIANA PROFESSIONAL  
ENGINEERING & LAND SURVEYING BOARD  
(LAPELS)  
9643 Brookline Avenue, Suite 121  
Baton Rouge, LA 70809  
Phone (225) 925-6291  
www.lapels.com

**Mr. Madison Edward Mills**

License/Certificate Type - Number	Expiration Date
PLS.0005293	03/31/2025

Status: **Active**



LOUISIANA PROFESSIONAL  
ENGINEERING & LAND SURVEYING BOARD  
(LAPELS)  
9643 Brookline Avenue, Suite 121  
Baton Rouge, LA 70809  
Phone (225) 925-6291  
www.lapels.com

**Mr. Bradley Christopher Jacobs**

License/Certificate Type - Number	Expiration Date
EI.0032456	09/30/2023

Status: **Active**

20. Certificates/Licenses:



**AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION**  
*This is to affirm that*  
**Christopher Ballard**  
*has satisfied the requirements to be designated as a*  
**CERTIFIED FLAGGER**

Expiration Date 3/17/2024 State Issued in LA

Instructor Signature  
*Debbie Purcella*

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



**AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION**  
*This is to affirm that*  
**Scott Benton**  
*has satisfied the requirements to be designated as a*  
**CERTIFIED FLAGGER**

Expiration Date 3/17/2024 State Issued in LA

Instructor Signature  
*Debbie Purcella*

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



**American Traffic Safety Services Association**  
*This is to affirm that*  
**BRADLEY JACOBS**  
*has satisfied the requirements to be designated as a*  
**CERTIFIED FLAGGER**

Issue Date 5/22/2023 Instructor Name Debbie Purcella  
Exp. Date 5/22/2027  
State Issued LA Instructor Signature *Debbie Purcella*

V0000177975 Verify at [Flagger.com](http://www.flagger.com)



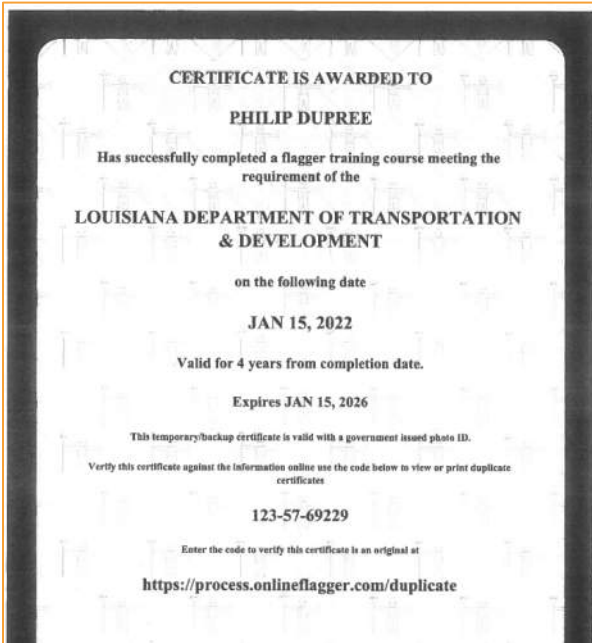
**AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION**  
*This is to affirm that*  
**Alexander Wells**  
*has satisfied the requirements to be designated as a*  
**CERTIFIED FLAGGER**

Expiration Date 3/17/2024 State Issued in LA

Instructor Signature  
*Debbie Purcella*

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

20. Certificates/Licenses:



20. Certificates/Licenses:





**LOUISIANA ASSOCIATED GENERAL CONTRACTORS, INC.**

666 North Street – Baton Rouge, LA 70802  
Phone: 225/344-0432 \* Fax: 225/344-0458  
www.lagc.org

July 27, 2023

To Whom It May Concern,

This is to verify that the below listed employees of **Civil Design and Construction** have successfully completed LADOTD required ATSSA Traffic Control Training.

**ATSSA Traffic Control Technician Training – July 11, 2023: Evan Doucet, Hunter Smith  
Mason Shoals, Brad Jacobs and Richard Evans**

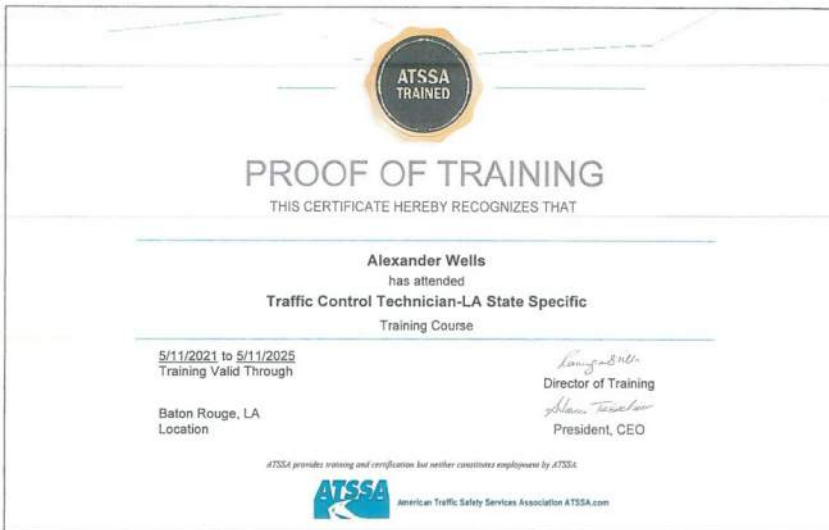
**ATSSA Traffic Control Supervisor Training – July 12-13, 2023: Brad Jacobs,  
Richard Evans, Phillip Dupree, Drennen Humphreys, Alexander Wells, Madison Mills**

This letter will serve as temporary proof of training until above listed employees receives their official certificate from American Traffic Safety Services Association (ATSSA).

If there are any questions regarding this issue, please contact Mr. Brett Morgan of LADOTD at Headquarters in Baton Rouge, LA (225-379-1584) or Judy Brousseau at the above captioned address.

Best Regards,

Ken Naquin – LAGC Chief Executive Officer






## LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of **8/9/2023** the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Ms. April Cher'ree Renard  
7146 Landmor Drive  
Greenwell Springs, Louisiana 70739

	<b>LOUISIANA PROFESSIONAL ENGINEERING &amp; LAND SURVEYING BOARD (LAPELS)</b>
	9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com
<b>Ms. April Cher'ree Renard</b>	
License/Certificate Type - Number	Expiration Date
<b>PE.0035660</b>	<b>09/30/2024</b>
<b>Status: Active</b>	
<p>Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).</p> <p>LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.</p>	

← Cut Here

Fold Here →

Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.

### Disclaimer

All information provided by LAPELS on this web page, and on its other web pages and internet sites, is made available to provide immediate access for the convenience of interested persons. While LAPELS believes the information to be reliable, human or mechanical error remains a possibility, as does delay in the posting or updating of information. Therefore, LAPELS makes no guarantee as to the accuracy, completeness, timeliness, currency, or correct sequencing of the information. Neither LAPELS, nor any of the sources of the information, shall be responsible for any errors or omissions, or for the use or results obtained from the use of this information. Other specific cautionary notices may be included on other web pages maintained by LAPELS.

# Transportation Professional Certification Board Inc.

*certifies that*

## April C. Renard

*has met all of the requirements established by the Certification Board  
to use the title of*

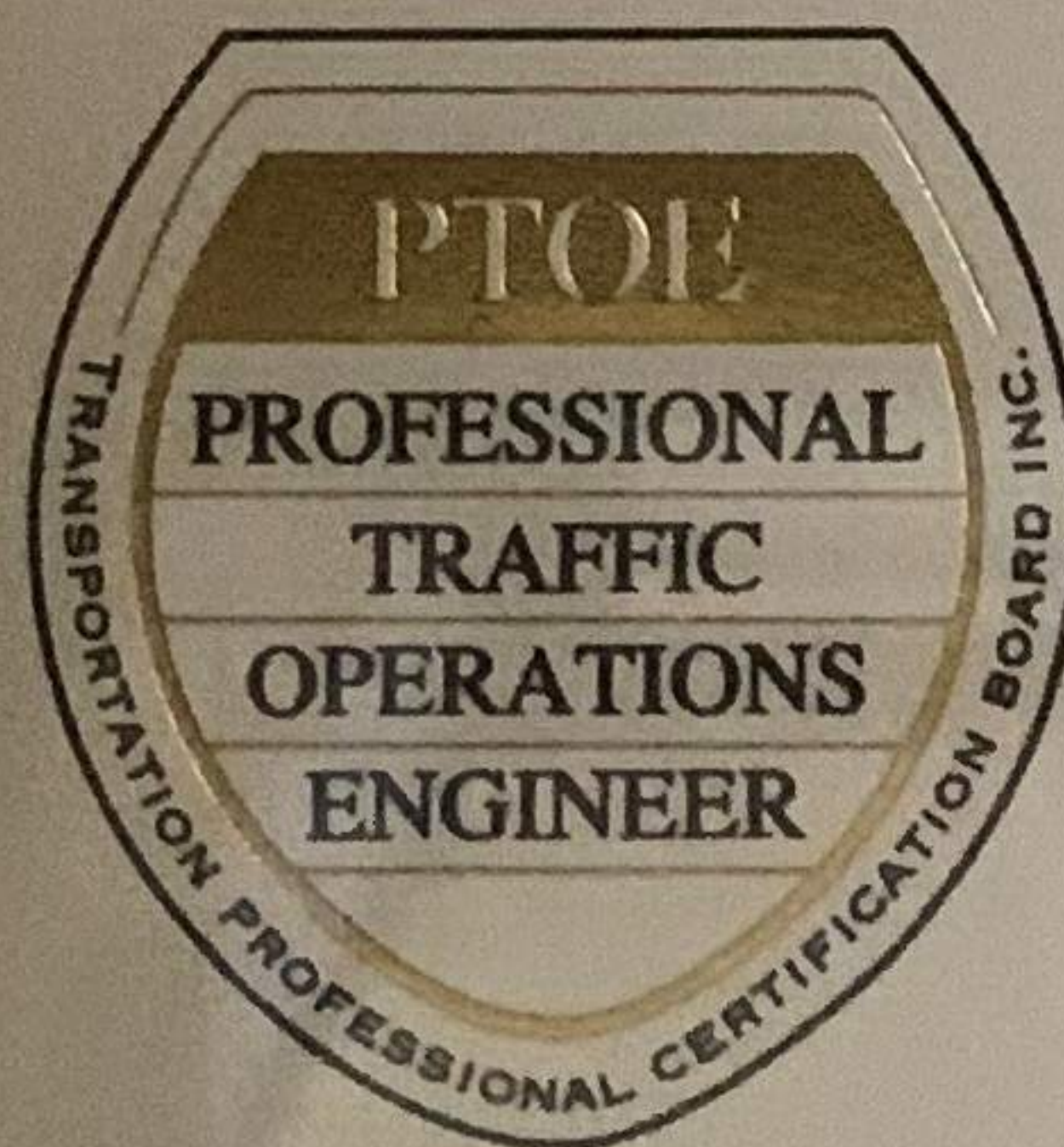
### PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

*unless withdrawn by the Certification Board, and subject to the provisions for renewal.*

*Certificate number 3905 issued in Washington, D.C., U.S.A.*

*July 21, 2015*

*Keneth W. Akert*  
Chair



*Thomas W. Johnson*  
Executive Director



# *Certificate of Completion*

presented to

*April Renard*

for completing the

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

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

*Professional Development  
Hours (PDHs) Awarded:* 2.5

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized instructor*



# *Certificate of Completion*

presented to

*April Renard*

for completing the

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

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

*Professional Development  
Hours (PDHs) Awarded:* 3.5

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized instructor*



# *Certificate of Completion*

presented to

*April Renard*

for completing the

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

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

*Professional Development  
Hours (PDHs) Awarded:* 3.5

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized Instructor*

  
\_\_\_\_\_  
*Authorized instructor*



**21. QA/QC Plan:**

If the advertisement requires submission of a QA/QC plan, include it here. **Otherwise, leave this section blank. If a QA/QC plan is included in this section and was not required by the advertisement, it will be redacted.**



Intelligent Transportation Systems LLC

**22. Sub-consultant information:**

If one or more sub-consultants will be used, provide the name, address, point of contact and phone number for each. Otherwise, leave this section blank.

<b>Firm Name</b> <i>(Name must match as registered with Louisiana's Secretary of State)</i>	<b>Address</b>	<b>Point of Contact and email address</b>	<b>Phone Number</b>
T. Baker Smith, LLC	1100 S. Acadia Road Thibodaux, LA 70301	TJ Stokes, P.E. tj.stokes@tbsmith.com	(985) 302-0730
AECOM Technical Services, Inc.	8555 United Plaza Blvd, Suite 300 Baton Rouge, LA 70809	Gregory D. Trahan, P.E., RSP <sub>2</sub> Gregory.trahan@aecom.com	(225) 922-5700
Civil Design & Construction, Inc.	3251 Southern Pacific Rd. Port Allen, LA 70767	Karla Weston, P.E. <a href="mailto:kweston@cdcbr.com">kweston@cdcbr.com</a>	(225) 765-1802
Grey Engineering, LLC	7146 Landmor Drive Greenwell Springs, LA 70739	April Renard, P.E., PTOE, RSP <sub>1</sub> <a href="mailto:april@greyeng.com">april@greyeng.com</a>	(225) 773-6272



**23. Location:**

If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. **Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the advertisement.**



Intelligent Transportation Systems LLC