

Statement of Qualifications

CONTRACT NO. 4400031585

IDIQ CONTRACT FOR PAVEMENT PRESERVATION DESIGN SERVICES STATEWIDE WITH MAJORITY OF WORK IN DISTRICT 05

Presented to: Louisiana Department of Transportation and Development (LADOTD)

NORTH CAUSEWAY APPROACH ROAD OVERLAY



March 12, 2025



DOTD FORM: 24-102

(Revised December 12, 2024)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.

ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE DOTD FORM 24-102, MAY BE CONSIDERED NON-RESPONSIVE.

1. Contract Name as shown in the advertisement	IDIQ CONTRACT FOR PAVEMENT PRESERVATION DESIGN SERVICES STATEWIDE WITH MAJORITY OF WORK IN DISTRICT 05
2. Contract Number(s) as shown in the advertisement	4400031585
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (name must match <u>exactly</u> as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; <u>include screenshot from SOS at the end of Section 20</u>)	G.E.C., Inc.
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.0001917
6. Prime consultant mailing address	8282 Goodwood Blvd., Baton Rouge, LA 70806
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	8282 Goodwood Blvd., Baton Rouge, LA 70806
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Cary Bourgeois, PE, Senior Vice President, (225) 612-4121, cbourgeois@gecinc.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Cary Bourgeois, PE, Senior Vice President, (225) 612-4121, cbourgeois@gecinc.com

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

G.E.C., INC.

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

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

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



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

March 12, 2025

Date:

FIRM(S):

La Terre Engineering LLC





FIRM(S)' %



4.40%

12. Discipline Table

Discipline(s)	% of Overall Contract	G.E.C., Inc. (Prime)	Lazenby & Associates, Inc.	DBE FIRM	T2 UES, Inc.	Ardaman & Associates, Inc.	DBE FIRM	Each Discipline must total to 100%
				La Terre Engineering LLC			Vectura Consulting Services, LLC	
Road	55.00%	66.00%	26.00%	8.00%				100%
Bridge	10.00%	100.00%						100%
Survey	18.00%		100.00%					100%
Traffic	2.00%	10.00%					90.00%	100%
Geotech	2.00%				100.00%			100%
CE&I/OV	5.00%	100.00%						100%
Environmental	2.00%	100.00%						100%
Other (SUE)	6.00%					100.00%		100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.								
Percent of Contract	100.00%	53.50%	32.30%	4.40%	2.00%	6.00%	1.80%	----

13. Firm Size

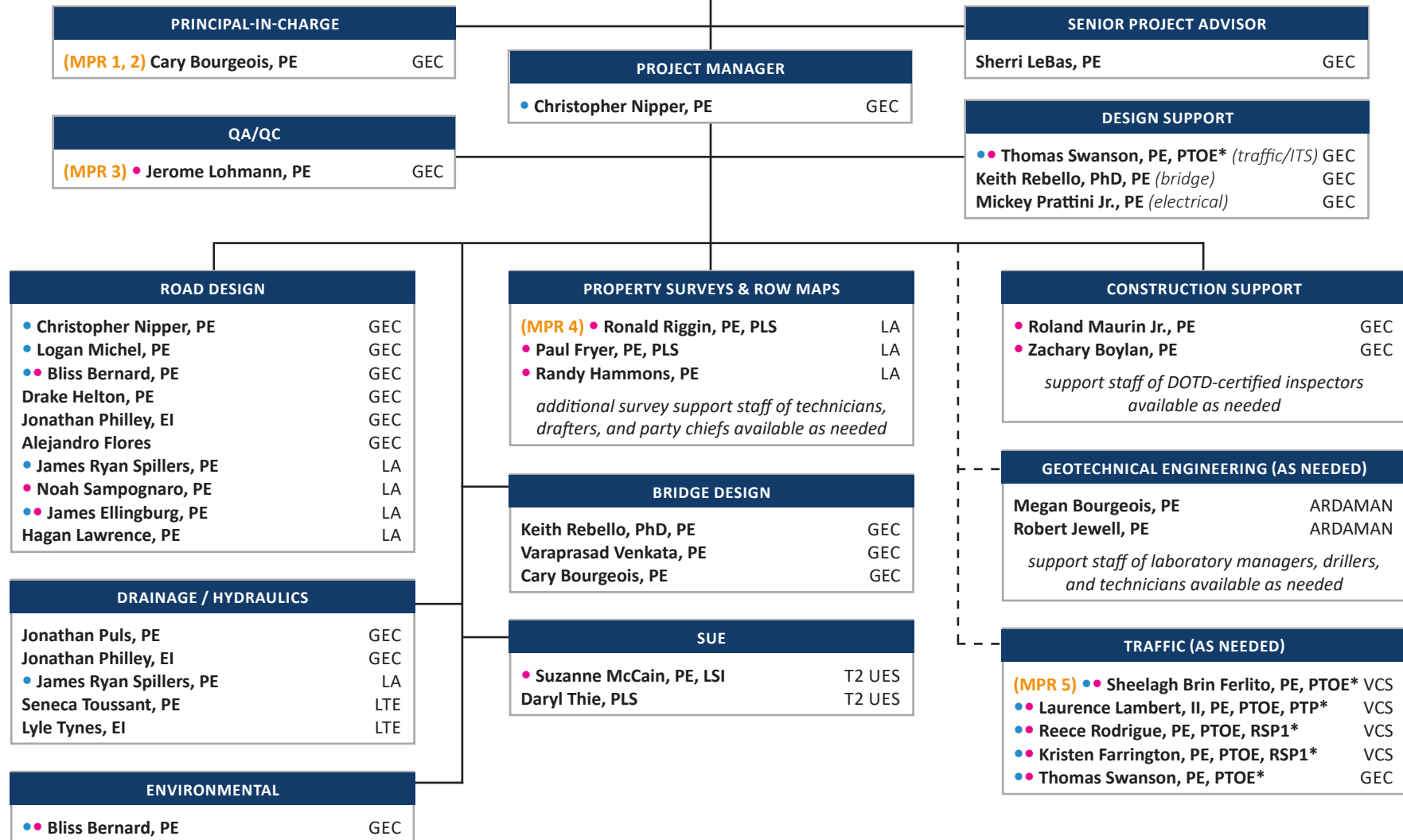
Firm name	DOTD Job Classification	Number of personnel <u>committed</u> to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
 G.E.C., Inc.	Principal	2	2
	Engineer	8	11
	Supervisor - Eng	4	5
	Engineer Intern	1	3
	Senior Technician	1	1
 Lazenby & Associates, Inc.	CADD Drafter	2	4
	CADD Operator	1	1
	Clerical	0	3
	Engineer	3	7
	Engineer Intern	1	1
	Instrument Man	2	2
	Party Chief	2	2
	Rodman	2	2
	Supervisor - Eng	1	3
	Surveyor	1	2
	Inspector - Certified	0	2
	Inspector	0	2
	Principal	0	1
 La Terre Engineering LLC	Engineer	1	1
	Engineer Intern	1	1
	Technician	1	1
	Accountant	1	1
 T2 UES, Inc.	Technician	4	12
	Senior Technician	2	6
	Supervisor - Eng	1	3

 Ardaman & Associates, Inc.	Administrative	1	1
	Clerical	1	2
	Engineer	2	4
	Engineer Intern	3	6
	Principal	2	2
	Senior Technician	7	9
	Supervisor - Eng	3	3
	Supervisor - Other	2	2
	Technician	11	15
 Vectura Consulting Services, LLC	Supervisor - Eng	2	2
	Engineer	3	3
	Engineer Intern	0	2
	Senior Technician	0	2
	Supervisor - Other	0	1
	Technician	0	1
	Clerical	0	1

14. Organizational Chart



Contract No. 4400031585
 IDIQ CONTRACT FOR PAVEMENT PRESERVATION
 DESIGN SERVICES STATEWIDE WITH MAJORITY OF
 WORK IN DISTRICT 05



LEGEND

(#) Fulfills MPR

• Work Zone Training

• LTRC Modules 1-3 Training

* personnel performing traffic engineering analysis and/or QC

LA

LTE

T2 UES

ARDAMAN

VCS

Lazenby & Associates, Inc.

La Terre Engineering LLC

T2 UES, Inc.


Ardaman & Associates, Inc.

Vectura Consulting Services, LLC


15. Minimum Personnel Requirements

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	Cary Bourgeois, PE		PE # 23414 - Civil	Louisiana	09/30/2025
2	Cary Bourgeois, PE		PE # 23414 - Civil	Louisiana	09/30/2025
3	Jerome Lohmann, PE		PE # 24673 - Civil	Louisiana	09/30/2026
4	Ronald J. Riggan, P.E., P.L.S.		PLS # 5119 - Survey	Louisiana	03/31/2027


16. Staff Experience

FIRM EMPLOYED BY G.E.C., Inc.				
NAME	Sherri LeBas, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	8
TITLE	Senior Vice President		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	31
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1985 / Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		23844 / Louisiana / 03-31-2025		
YEAR REGISTERED	1990	DISCIPLINE	Civil Engineer, Environmental Engineer	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Senior Project Advisor		
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><i>Ms. LeBas is a Senior Vice President of GEC. She is a professional civil engineer with 38 years of experience in designing and managing numerous projects and programs during her career in Louisiana state government and private industry. During her 24.5 years at the Louisiana Department of Transportation and Development (LADOTD), Ms. LeBas designed and managed projects for a combined 14 years in the Road Design Section which led to serving as a facilitator for the Change Management Program, Assistant to the Secretary for Policy, Deputy Secretary and then Secretary for 6 years from 2010 to 2016. From 1998 to 2003, Ms. LeBas managed projects funded through Capital Outlay at the Louisiana State Division of Administration, Facility Planning and Control. In May of 2016, Ms. LeBas brought her skills and experience to GEC, routinely meeting with public officials and other stakeholders to discuss policy and resources required for infrastructure. Additionally, Ms. LeBas discusses opportunities for teaming with other consulting firms in order to present and provide a client with the best team possible to provide outstanding services and deliverables.</i></p>			
09/20-Present	<p>H.004100 / I-10, LA 415 TO ESSEN LANE ON I-10 AND I-12: Baton Rouge, Louisiana. Assistant Project Manager - Ms. LeBas serves as Assistant Project Manager for this alternative delivery CMAR project overseeing the public outreach and context sensitive solutions and community connections for this widening project through the heart of the urban area of Baton Rouge. As a liaison for the project, Ms. LeBas meets with residential and business owners whose property is affected by the project, the public, public officials, and stakeholders, providing them information regarding the project. Ms. LeBas oversees, assists and provides information for the development of graphics and project narratives for public meetings, the I10BR.Com project website, and information for LADOTD's use to inform the media of project updates which includes design and construction activities. In addition, Ms. LeBas develops and presents information regarding the status of the project at conferences and to stakeholders. Ms. LeBas also leads the development of updates to the Design Quality Manual, Project Management Plan, and Initial Financial Plan. She provides management oversight of the design elements designed by GEC engineers, which include lighting (roadway and enhancement), retaining wall, bridge and noisewalls and coordination with roadway, and overall design elements. She provides oversight of the document control.</p>			
08/20-Present	<p>H.013897 / I-10 & I-12 COLLEGE DR FLYOVER RAMP DESIGN-BUILD: Baton Rouge, LA. Quality Design Manager - Ms. LeBas is providing management of the quality design reviews for the Boh Bros/GEC Design Build team. For this Design-Build project, GEC oversees the processes included in the Design Quality Manual for the design reviews for roadways, bridges, lighting, intelligent transportation systems, drainage and noisewalls.</p>			
01/24-Present	<p>H.003931.6 / CALCASIEU RIVER BRIDGE (HBI) (CE&I), ROUTE I-10: Calcasieu Parish, LA. Principal-in-Charge - As the Principal of the Owner Verification Team, Ms. LeBas is assisting with the activities aimed at DOTD reaching an agreement with the Developer on acceptable modifications to the project scope. This involves coordinating meetings and collaborating with the DOTD Project Manager, DOTD staff, the Developer, and the members of the Owner Verification Team.</p>			
07/95-01/98	<p>H.004562 / AMBASSADOR DRIVE EXTENSION (LA 339-US 90): Lafayette Parish, LA. Project Manager LADOTD Road Design Section - Ms. LeBas served as the roadway project manager for the line and grade study of various alignments during the Environmental Assessment of this project. The alignments included an alignment along La Nouvelle Road as well as south of the golf course on new alignment and were developed in-house. Ms. LeBas's design squad developed the displays for the Public Meetings and Ms. LeBas lead the Public Meetings answering questions from the media for this project during this line and grade and environmental phase of the project.</p>			


FIRM EMPLOYED BY G.E.C., Inc.	
NAME	Sherri LeBas, PE <i>Continued Resume</i>
2016-Present	ROAD TRANSFER PROGRAM MANAGEMENT: Statewide, LA. Principal-in-Charge - Ms. LeBas serves as a resource to GEC's Program Manager of the Statewide LADOTD Road Transfer Program. Ms. LeBas provides feedback, is the direct link for communication and service between GEC's Project Manager who is stationed at LADOTD Headquarters and GEC's staff, and attends bi-monthly status meetings with the LADOTD Road Transfer Team.
09/91-01/98	S.P. NO. 013-12-0032 & 013-12-0039/US 190 (LA 22 – BAYOU CASTINE) AND US 190 (BAYOU CASTINE – SOUTHEAST LA STATE HOSPITAL): St. Tammany Parish, LA. Project Manager LADOTD Road Design Section - Ms. LeBas served as the project manager for the widening project of US 190 during the environmental assessment and line and grade and the preliminary plan phases of this project. The environmental assessment phase with line and grade involved reviewing several different alternatives, which were prepared in-house by the design squad under the leadership of Ms. LeBas. Ms. LeBas presented the alternatives at the first public meeting in September 1992 at the City of Mandeville City Hall. Ms. LeBas met with public officials, civic associations, and business owners discussing the project features and impacts. Once the preferred alternative was chosen and a FONSI obtained, Ms. LeBas managed the consultant design of the preliminary plan development coordinating the plan development with other design sections at LADOTD.
03/10 – 01/16	LADOTD: Baton Rouge, LA. Secretary - Ms. LeBas set the vision and led LADOTD in the delivery of the \$1.8 Billion annual transportation infrastructure capital and operating program. She developed and discussed transportation policy, issues, feedback, future planning with stakeholders, media, citizens and local, state and national public and elected officials. She testified and provided information such as project details, policy issues, funding, etc. at legislative hearings. Ms. LeBas provided the leadership and direction of all outward communication of the LADOTD to the media, stakeholders, and the public. She pursued and obtained funding working with state and federal officials for progressing large infrastructure projects. She has the skills and credentials to provide design guidance, work with staff to develop solutions to some of the most complicated design policy issues. Some notable projects that required her leadership included the funding, design and construction of I-49 from I-220 to the Arkansas State line which included the 2019 ACEC Award Winning I-220/I-49 Interchange included aesthetic features such as the locally designed column motifs and decorative lighting; LA 1 from Leesville to Fourchon TIFIA refinancing, Design Build projects on I-12 in Livingston Parish as well as two Design Build Interchange projects on US 90 (Future I-49). Ms. LeBas worked with staff to develop press releases for public notices, project activities, and notifications during emergencies. In addition, Ms. LeBas often provided information to the media on live TV or recorded interviews.
05/05 – 03/10	LADOTD: Baton Rouge, LA. Change Management Facilitator (1 year); Assistant to the Secretary of Policy (2 years); Deputy Secretary (2 years) - Ms. LeBas was a facilitator on the Change Management Team with today is referred to as Quality Continuous Improvement (QCIP). She facilitated teams consisting of LADOTD staff, consultants and other stakeholders for utility relocations, project management and consultant services. As Assistant Secretary for Policy, Ms. LeBas worked with staff and the Secretary to develop the \$1.2 Billion list of roadway projects that were funded with State surplus dollars in 2007, 2008, and 2009. She developed PowerPoints for the Secretary's communication to the legislature. She served as the program manager for this \$1.2 Billion surplus program, scheduling projects, managing the budget and working through issues in order to get the program delivered on time and within budget. As Deputy Secretary, Ms. LeBas served as the program manager for the \$430 million American Recovery and Reinvestment Act (ARRA) working with LADOTD staff to deliver the projects within the federally set deadlines.
09/03 – 05/05	THE TRANSPORTATION MODEL FOR ECONOMIC DEVELOPMENT (TIMED) PROGRAM: Statewide, LA. Assistant to the TIMED Program Manager, LADOTD Road Design Section - Ms. LeBas served as Assistant TIMED Program Manager for the \$5.2 Billion Program. She was responsible for the financials working with LADOTD administration, and consultant. She reviewed the program changes, change orders, total program costs from design through construction, management and assistance of the consultant's plan delivery and construction schedule. She provided project status information to the LADOTD Communications Director for LADOTD's communication to the legislature, public and stakeholders.
01/98 – 09/03	STATE OF LOUISIANA NON-STATE ENTITY CAPITAL OUTLAY PROGRAM: Statewide, LA. Program Manager - Ms. LeBas served as Program Manager at the Division of Administration (DOA)/Facility Planning & Control (FP&C) for the non-state projects that receive funding through the State of Louisiana. She was responsible for the development of the Cooperative Endeavor Agreement between the State and the local entity, working with local entities in the delivery of projects in accordance with State guidelines, cash flow from inception through construction. At any one time 75 to 100 active projects were in production including but not limited to waterlines, sewer lines, pump stations, roadways, livestock arenas, renovation of theaters, park roadways and amenities and port facilities.

FIRM EMPLOYED BY G.E.C., Inc.			
NAME	Cary Bourgeois, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Senior Vice President		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1983 / Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		23414 / Louisiana / 09-30-2025	
YEAR REGISTERED	1989	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Principal-in-Charge	
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>Mr. Bourgeois is GEC's Senior Vice President involved in supervising activities and performing design services on several large-scale projects. Mr. Bourgeois has more than 38 years of experience in the areas of Roadway, Bridge, Toll Collection Systems, and Intelligent Transportation Systems (ITS) design along with extensive experience in safety inspection of bridges. He has valuable experience in the design and geometry associated with roadways and bridge structures. He is thoroughly familiar with AASHTO Policy on Geometric Design of Highways and Streets, AASHTO Standard Specifications for Highway Bridges, Manual on Uniform Traffic Control Devices, the Highway Capacity Manual and the Standard Specifications for Structural Support for Highway Signs, Luminaries and Traffic Signals. He has provided ITS deployment and implementation planning, field device optimum positioning and placement, civil/structural engineering, and plan and specification development. As Principal-in-Charge, he has managed design and development, and supervision of plans and specifications, as well as general construction engineering and inspection.</p>		
2019-04/24 SECTION 17 PROJECT	<p>LASAFE AIRLINE AND MAIN COMPLETE STREETS: Laplace, LA. Principal-in-Charge/QA/QC - This project consists of design of a 10' and 5' sidewalk along the north side of US 61 in accordance with DOTD's Roadway Design Procedures and Details Manual. Existing ditches will have pipes added and be reshaped to provide detention ponds to reduce time of concentration. Main Street (LA 44) was also rehabbed with a mill and overlay and the design will provide parallel parking utilizing decorative brick and permeable base to reduce time of concentration. GEC oversaw the calculation of preliminary quantities and development of a preliminary estimated construction cost. GEC proposed the conceptual design to the Parish and received approval. GEC also oversaw development of the fee for all costs from surveying to construction.</p>		
12/23-Present SECTION 17 PROJECT	<p>GNOEC, NORTH CAUSEWAY APPROACH ROAD OVERLAY: St. Tammany Parish, LA. Principal in Charge - This project involved the rehabilitation of an existing roadway for the Greater New Orleans Expressway Commission. The rehabilitation included milling and overlaying the existing roadway, installing new pavement markers, and redesigning the existing guard rail in order to meet current safety standards. Mr. Bourgeois oversaw development of the construction plans, the design of the new guard rail, and calculating quantities. The project is under construction and Mr. Bourgeois provides oversight of GEC's construction engineering and inspection activities.</p>		
02/19-Present SECTION 17 PROJECT	<p>MID-CITY RR126 GROUP C, RR127 GROUP D, AND RR128 GROUP E: New Orleans, LA. Principal in Charge - GEC is preparing plans, specifications, and estimates for the removal and replacement of an existing asphalt and concrete pavement and drainage structures, as well as replacement of waterline and sewer main. Tasks include horizontal and vertical geometry, subsurface drainage design, and cross section development. Mr. Bourgeois oversees GEC's design services as principal in charge.</p>		
09/20-Present	<p>BLUEBONNET BLVD. (PERKINS TO PICARDY): Baton Rouge, LA. Principal-in-Charge/QA/QC - GEC is designing the widening of Bluebonnet Blvd. to include an additional lane in each direction. Mr. Bourgeois oversaw an investigation of the existing bridge over Dawson Creek to determine whether the bridge should be widened or replaced in accordance with Part 1, Chapter 6 of the LADOTD BDEM. This investigation started with an NBIS bridge inspection to determine Condition Ratings for the bridge superstructure, substructure, and piles. A Bridge Load Rating was then carried out based on the AASHTO Manual of Bridge Evaluation and the LADOTD BDEM. Based on the load rating, GEC recommended that the existing bridge be replaced. He also oversaw the preliminary design for the replacement bridge as well as the design study for a six-lane, curb and gutter roadway with pedestrian facilities and subsurface drainage.</p>		


FIRM EMPLOYED BY G.E.C., Inc.	
NAME	Cary Bourgeois, PE <i>Continued Resume</i>
08/20-Present	H.013897 / I-10 & I-12 COLLEGE DR. FLYOVER RAMP DESIGN-BUILD PROJECT: East Baton Rouge Parish, LA. <i>Design Manager</i> - Mr. Bourgeois is responsible for the overall design and design quality control of this \$53,000,000 urban freeway transportation project which will provide exit ramps that are separated from the merge of I-10 and I-12. To accomplish this, I-12 westbound will be re-routed under a rebuilt I-10 westbound bridge. He oversaw the completion of Storm Water Pollution Prevention Plans (SWPPP) and permitting for all highway construction segments in accordance with DOTD standards. He also oversaw preparation of bridge plans including a 380' long two span continuous steel girder, roadway and maintenance of traffic plans, signing plans, retaining walls, noise barriers, lighting plans, and bridge structural rehabilitation plans.
08/23-Present	44-25040 / IJA OFF-SYSTEM BRIDGE PROGRAM, DISTRICT 61 LESS EBR: East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, and Assumption Parishes, LA. <i>Principal-in-Charge</i> - Projects include the design of a bridge spot replacement of off-system bridges. The design is in accordance with the Federal Aid Off-System Highway Bridge Program. Mr. Bourgeois is the principal-in-charge of this project.
10/19-11/20	I-10 SERVICE ROAD BRIDGE REPLACEMENTS: Slidell, LA. <i>Principal-in-Charge</i> - The project included the replacement of two slab span bridges, approach roadways, mill and overlay , and drainage. Mr. Bourgeois was Principal-in-Charge and oversaw the design phase of the project.
01/23-12/23	GNOEC, OVERLAY THE WEST CAUSEWAY APPROACH ROAD AT CHINCHUBA BAYOU: Mandeville, LA. <i>Principal in Charge</i> - This project involved the rehabilitation of an existing roadway for the Greater New Orleans Expressway Commission. The rehabilitation included milling and overlaying the existing roadway, installing new pavement markers , and redesign of the existing 1950s guard rail with a new mash-tested bridge rail to meet current safety standards. Mr. Bourgeois oversaw development of the construction plans, the design of the new guard rail, and calculating quantities.
06/17-12/21	H.003074 / I-10 WIDENING, WILLIAMS TO VETERANS: Jefferson Parish, LA. <i>Principal-in-Charge/QA/QC</i> - Mr. Bourgeois oversaw road design in accordance with DOTD's Roadway Design Procedures and Details Manual, along with the superstructure and substructure load rating for existing bridges and ramps for this highly congested 2.28-mile urban interstate. The extensive load rating and documentation, allowed LADOTD to make an informed decision on widen or replace the existing bridges. The data supported the replacement of the bridges. GEC designed concrete slab spans, pre-stressed concrete girder spans and steel girder spans. All pre-stressed girders were Louisiana (LG) girders designed in accordance with AASHTO LRFD bridge specs.
02/24-Present	H.015372 / LA 182 INTERCHANGE AT WILLOW: Lafayette Parish, LA. <i>Principal in Charge</i> - This project includes preliminary plans for the redesign of local roads adjacent to Willow St. and Evangeline Thruway, and the redesign of Willow St. itself. The local roads included the redesign of two frontage roads that run parallel with Evangeline Thruway; the redesign and extension of an existing side street; and the widening and partial redesign of Willow St. Mr. Bourgeois oversees engineering design staff providing the geometry, both horizontal and vertical, for all the proposed roadways, hydraulic analysis and design, and hydraulic calculations and report, and construction plans for the project, including quantities required for construction.
04/19-12/21	H.013542 / CHEVELLE AND SARASOTA DRIVE BRIDGE REPLACEMENTS: Baton Rouge, LA. <i>Principal-in-Charge</i> - GEC performed a Design Study, including hydraulics, environmental, and geotechnical considerations, overseeing topographic survey and Right-of-Way (ROW) Mapping as required; developing preliminary and final construction plans and cost estimates. GEC will oversee construction phase services and preparation of an as-designed load rating for the bridge according to LADOTD criteria. The project includes the replacement of the existing Chevelle Drive Bridge over the West Fork of the North Branch of Ward Creek and the existing Sarasota Drive Bridge over Engineers Depot Canal, both located in Baton Rouge, LA.
03/95-06/10	450-15-0089 / ROUTE I-10, CAUSEWAY BLVD TO 17TH STREET CANAL: Metairie, LA. <i>Project Manager/Engineer-of-Record/Structural Engineer</i> - Mr. Bourgeois performed Quality Assurance and project management on this project. He specifically acted as QA for all disciplines involved including surveying, structures/bridge design, electrical & controls design and civil engineering design. Project consisted of widening while under traffic of 1.64 miles of urban interstate highway from six to 10 lanes with roadway and bridges. He performed PPC girder layout and design and performed the design check of a two-span (425' total length) continuous steel girder with integral steel intermediate bent.
07/15-Present	H.004273.5 / I-49 CONNECTOR: Lafayette, LA. <i>Principal in Charge</i> - This project in District 03 includes bridge design & construction of a freeway with accompanying interchanges in the Evangeline Thruway US 90/US 167 corridor and flanking collector/distributor roads for local traffic circulation and land access. The project begins just south of the Lafayette Regional Airport and continues north to the I-10/US 167/I-49 interchange, a length of approximately five miles. Mr. Bourgeois oversees the GEC design staff.


FIRM EMPLOYED BY G.E.C., Inc.				
NAME	Christopher Nipper, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	8
TITLE	Professional Civil Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	2
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2014 / Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		43281 / Louisiana / 09-30-2025		
YEAR REGISTERED	2019	DISCIPLINE	Civil Engineer	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Project Manager, Road Design, Drainage		
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>Mr. Nipper has 10 years of experience providing preliminary plans and cost estimates for the design and development of construction plans for roadway improvement projects. The first two years of his career were spent as a Road Design Engineer for LADOTD, affording him knowledge of LADOTD standards and guidelines required for roadway projects. He has experience with preliminary plans for roadway projects in accordance with Louisiana Standard Specifications for Highways and Bridges and DOTD’s Roadway Design Procedures and Details Manual. This includes current experience with the I-10 Williams to Veterans project which is in the 95% final plans stage and the St. John the Baptist LASAFE Airline and Main Complete Streets project which utilized the LADOTD Roadway Design Procedures and Details Manual. He has designed projects requiring milling and overlay in accordance with 23 CFR 625, Design Standards for Highways and the current DOTD Design Guidelines for Preservation Projects, EDSM I.1.1.11, Guidance for PRR Projects, and DOTD Pavement PRR Minimum Design Guidelines. Mr. Nipper provides hydraulic analysis and design of drainage features for roadway construction projects in accordance with the current edition of DOTD’s Hydraulics Manual. He is also very familiar with AASHTO standards and guidelines and has developed Level 2 Transportation Management Plans for roadway construction projects. He has completed the following training: FHWA-NHI-380096 Modern Roundabouts: Intersections Designed for Safety hosted by LADOTD/LTRC and Modules 1-3 of the Traffic Engineering Process and Report Course offered by LTRC.</p>			
09/19-04/24 SECTION 17 PROJECT	LASAFE AIRLINE AND MAIN COMPLETE STREETS: LaPlace, LA. Road Design Engineer - GEC designed a shared use path to accommodate pedestrians and bicyclists, improve accessibility and mobility, and provide curb bump outs to reduce the crosswalk distances and eliminate parking within the vicinity of the crosswalks to improve sight distance of pedestrians at the crossings. The corridor utilizes landscaped bioswales to capture and slow runoff while simultaneously providing beautification of the area. Main St. was redesigned to accommodate on street parking, sidewalks were added down the entire project corridor on both sides, and bicycle lanes were added as well. Mr. Nipper provided the vertical and horizontal alignments for the project, as well as the design for Main St. The reduced travel lane widths, replacing the shoulder with a bike lane, and constructing parallel parking, curbing, sidewalks, and landscaping helped to provide a traffic calming effect to keep vehicle speeds lower. He provided the hydraulic analysis needed to convert existing open ditches along the project into subsurface drainage systems to capture and slow runoff. Mr. Nipper also provided the estimated quantities and cost estimate. The project, currently under construction, utilized the LADOTD Roadway Design Procedures and Details Manual.			
06/17-10/18 SECTION 17 PROJECT	H.012783 / WB VETERANS, SEVERN AVE. – CLEARVIEW PKWY.: Jefferson Parish, LA. Co-Designer – This project involved the milling and overlay of Veterans Blvd. Two new drainage systems were also designed along with graphical grades to reduce ponding along the roadway. Mr. Nipper was involved with checking the design of the drainage systems, along with the design of the typical sections. He also calculated quantities and estimated costs associated with the project.			
12/23-04/24 SECTION 17 PROJECT	NORTH CAUSEWAY APPROACH ROAD OVERLAY: Mandeville, LA. Road Design Engineer - This project involved the rehabilitation of an existing roadway for the Greater New Orleans Expressway Commission. The rehabilitation included milling and overlaying the existing roadway, installing new pavement markers , and redesigning the existing guardrail in order to meet current safety standards. Mr. Nipper was responsible for the development of the construction plans, the design of the new guardrail , and calculating quantities.			
06/17-Present	H.003074, I-10 WIDENING, WILLIAMS TO VETERANS: Jefferson Parish, LA. Road Design - Project included the design of the addition of a lane to the existing interstate and the widening/replacement of bridges to accommodate the additional lane. Mr. Nipper was responsible for the hydraulic design of the proposed bridge decks, the westbound proposed bridge vertical curve, and for calculating elevations along bridge bents and girders. He is assisting with final plans in accordance with LADOTD’s Roadway Design Procedures and Details Manual which are more than 95% complete.			

FIRM EMPLOYED BY G.E.C., Inc.	
NAME	Christopher Nipper, PE <i>Continued Resume</i>
02/24-Present	H.015372 / LA 182 INTERCHANGE AT WILLOW: Lafayette Parish, LA. Road Design Engineer - This project involved the redesign of local roads adjacent to Willow St. and Evangeline Thruway, and the redesign of Willow St. itself. The local roads included the redesign of two frontage roads that run parallel with Evangeline Thruway; the redesign and extension of an existing side street; and the widening and partial redesign of Willow St. For the project's preliminary plans, Mr. Nipper was responsible for the geometry, both horizontal and vertical, for all the proposed roadways. Mr. Nipper was responsible for the hydraulic analysis and design, and developed the hydraulic calculations and report. Mr. Nipper also developed the construction plans for the project, and calculated the quantities required for construction.
09/20-Present	BLUEBONNET BLVD. (PERKINS TO PICARDY): Baton Rouge, LA. Road Design Engineer - GEC is designing the widening of Bluebonnet Blvd. to include an additional lane in each direction, a 10-ft. wide shared use path on the west side, a 5-ft. wide sidewalk on the east side, painted bike lanes, roadway markings, flashing beacons, bus stops, refuge islands, roadway warning lights, high visibility crosswalks, and planting buffers for improved pedestrian safety, accessibility, and mobility to area facilities. The project includes replacement of existing bridges at Dawson Creek. Mr. Nipper assisted in preparing the drainage map depicting existing conditions for the 9,730-acre drainage area. Mr. Nipper also developed the soil map for the drainage area and computed the curve number and associated flow through Dawson Creek.
01/23-04/23	OVERLAY THE WEST CAUSEWAY APPROACH ROAD AT CHINCHUBA BAYOU: St. Tammany Parish, LA. Road Design Engineer - This project involved the rehabilitation of an existing roadway for the Greater New Orleans Expressway Commission. The rehabilitation included milling and overlaying the existing roadway, installing new pavement markers , and redesigning the existing guard rail in order to meet current safety standards. Mr. Nipper was responsible for the development of the construction plans, the design of the new guard rail, and calculating quantities.
02/20-Present	H.013897, I-10 & I-12 COLLEGE DR FLYOVER RAMP DESIGN-BUILD PROJECT: East Baton Rouge Parish, LA. Roadway Design - This project involved the redesign of the I-10 WB/I-12 WB merger, and the College Dr. Off Ramp. The existing I-12 WB was realigned to run alongside the existing I-12 EB lanes, and the existing I-10 WB bridge over I-12 EB was raised, widened, and lengthened to provide room for the realigned I-12 WB lanes. Separate dedicated off ramps to College Dr. were provided from I-10 WB and I-12 WB. Mr. Nipper performed all of the geometric design for the project, and developed all of the roadway construction plans. Mr. Nipper was responsible for the hydraulic analysis and design for the entire project, and developed the hydraulic calculations and report. Mr. Nipper was also responsible for calculating quantities for all of the roadway and hydraulic portions of the project.
08/23-Present	44-25040 / IJA OFF-SYSTEM BRIDGE PROGRAM, DISTRICT 61 LESS EBR: East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, and Assumption Parishes, LA. Project Manager & Road Design Engineer - This project involved the spot replacement of 13 bridges across seven Parishes. Mr. Nipper was responsible for managing design for all 13 bridges. He also designed several of the bridges, including all vertical and horizontal geometry required. Other tasks performed on these bridges included designing required guard rail, performing the hydraulic analysis and developing hydraulic reports, and establishing limits for required right-of-way. He also developed construction plans and calculated quantities required for construction.
02/19-07/20	ST. TAMMANY PARISH GOVERNMENT, I-10 SERVICE ROAD BRIDGE REPLACEMENTS: Slidell, LA. Road Design Engineer - The project included the replacement of two slab span bridges, Mr. Nipper was responsible for the vertical alignment, proposed length of the bridges, placement of the new bridges, and guardrail design. Mr. Nipper designed the new roadway approaches to the new bridge and calculated all of the quantities and estimated the construction cost for the project.
04/19-05/20	H.013542 / CHEVELLE DRIVE AND SARASOTA DRIVE BRIDGE REPLACEMENTS: East Baton Rouge Parish, LA. Design Engineer - Mr. Nipper provided all investigations, preliminary plans, and preparation of final construction contract plans for the replacement of the Chevelle Drive and Sarasota Drive Bridges in East Baton Rouge Parish. Mr. Nipper provided the horizontal and vertical alignments, calculated the quantities, and prepared the cost estimate for both bridge sites. He also performed a hydraulic analysis and prepared a hydraulics report for each bridge.
2017	LA 3152, CLEARVIEW OPERATIONAL IMPROVEMENTS: Jefferson Parish, LA. Designer - This project involved the milling and overlaying of LA 3152 and new pavement marking and signage . Along with the milling and overlaying , turn lanes were being added, extended, etc., which required the design of new pavement sections . Mr. Nipper was involved in checking and correcting the plans. He checked and calculated quantities and the estimated costs.


FIRM EMPLOYED BY G.E.C., Inc.				
NAME	Jerome Lohmann, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	9
TITLE	Senior Professional Civil Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	32
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1984 / Civil Engineering; A.A.S / 1977 / Surveying		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		24673 / Louisiana / 09-30-2026		
YEAR REGISTERED	1992	DISCIPLINE	Civil Engineer	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Road Design QA/QC		
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).			
	<p><i>Mr. Lohmann has served as Project Manager/Design Engineer responsible for the design and management of projects ranging from off-system bridge replacements or entity overlays to interstate widening and major interchanges. Mr. Lohmann has completed and/or managed preliminary plans and cost estimates for the design and development of construction plans for roadway improvement projects, including providing hydraulic analysis and design of drainage features on roadway construction projects in accordance with the current edition of DOTD's Hydraulics Manual. He has experience with reviewing existing data, as-built plans, improvement studies, boring information, traffic data, and field reconnaissance. He has experience designing plans in accordance with the latest Louisiana Standard Specifications for Highways and Bridges and in the current editions of DOTD's Roadway Design Procedures and Details Manual, Bridge Design Manual, Hydraulics Manual, EDSM I.1.1.11, Guidance for PRR Projects, 3R Minimum Design Guidelines and DOTD Pavement PRR Minimum Design Guidelines, and DOTD Minimum Design Guidelines. This includes the recently constructed LASAFE Airline and Main Street project which utilized the LADOTD Roadway Design Procedures and Details Manual. In addition, he is currently managing 95% final design plans for the I-10 Williams to Veterans project utilizing LADOTD Design Procedures and Details. He reviews Design Reports, Design Exceptions, and Design Waivers as needed for road design projects. He has also developed Level 2 Transportation Management Plans for roadway construction projects following completion of a stage 0.</i></p>			
09/19-04/24 SECTION 17 PROJECT	<p>LASAFE-AIRLINE & MAIN COMPLETE STREETS: LaPlace, LA. Project Manager - Mr. Lohmann managed the development of typical sections and preliminary layout for the project in accordance with LADOTD's Roadway Design Procedures and Details Manual, which consists of a 10' & 5' sidewalk along the north side of US 61 for improved accessibility and mobility and curb bump outs to reduce the crosswalk distances and eliminate parking within the vicinity of the crosswalks to improve sight distance of pedestrians at the crossings. Existing ditches will have pipes added & be reshaped to provide detention ponds to reduce time of concentration. Along Main St., design will provide parallel parking utilizing decorative brick & permeable base to reduce time of concentration. He oversaw the calculation of preliminary quantities & development of a preliminary estimated construction cost. He proposed the conceptual design to the Parish & received approval. He also oversaw development of the fee for all costs.</p>			
09/20-Present	<p>BLUEBONNET BLVD. (PERKINS TO PICARDY): Baton Rouge, LA. Project Manager - Mr. Lohmann is Project Manager, overseeing design of a six-lane, curb and gutter roadway with subsurface drainage, bridge replacement, green infrastructure, extended turn lanes, upgraded signage, signal improvements, highly visible lane markings, protected merge and turn lanes, rumble strips, and pedestrian facilities. GEC's design is in accordance with MOVEBR Design Guidelines and Consultant Services Manual. Mr. Lohmann supervised a study of the existing bridge over Dawson Creek. Based on the load rating, GEC recommended that the existing bridge be replaced and feature he pedestrian facilities with barriers to separate pedestrians/bicyclists from vehicular traffic. This project included a level 2 TMP.</p>			
02/19-Present SECTION 17 PROJECT	<p>MID-CITY RR126 GROUP C, RR127 GROUP D, AND RR128 GROUP E: New Orleans, LA. Project Manager - GEC is preparing plans, specifications, and estimates for the removal and replacement of an existing asphalt and concrete pavement and drainage structures, as well as replacement of waterline and sewer main. Tasks include horizontal and vertical geometry, subsurface drainage design, and cross section development. As PM, Mr. Lohmann has provided contract management, assists with design reviews, and performed fee negotiation.</p>			
02/17-10/17 SECTION 17 PROJECT	<p>H.008046 LA 3152: CLEARVIEW OPERATIONAL IMPROVEMENTS: Jefferson Parish, LA. Project Manager - This project involved the milling and overlaying of LA 3152 and new pavement marking and signage. Along with the milling and overlaying, turns lanes were being added, extended, etc., so new pavement sections were designed. Responsibilities included Scope, Fee project management and QA/QC associated with this project.</p>			


FIRM EMPLOYED BY G.E.C., Inc.	
NAME	Jerome Lohmann, PE <i>Continued Resume</i>
06/17-10/18 SECTION 17 PROJECT	H.012783 / WB VETERANS, SEVERN AVE. – CLEARVIEW PKWY.: Jefferson Parish, LA. Project Manager - This PRR project which included letter (8.5x11) size plans involved the milling and overlay of Veterans Blvd. Two new drainage systems were also designed along with graphical grades to reduce ponding along the roadway. Mr. Lohmann's responsibilities included scope, fee project management, and QA/QC.
02/24-Present	H.015372 / LA 182 INTERCHANGE AT WILLOW: Lafayette Parish, LA. Road Design Engineer - This project involved the redesign of local roads adjacent to Willow St. and Evangeline Thruway, and the redesign of Willow St. itself. The local roads included the redesign of two frontage roads that run parallel with Evangeline Thruway; the redesign and extension of an existing side street; and the widening and partial redesign of Willow St. For the project's preliminary plans, Mr. Lohmann provides project management, along with review of the hydraulic calculations and construction plans.
08/23-Present	44-25040 / I/JA OFF-SYSTEM BRIDGE PROGRAM, DISTRICT 61 LESS EBR: East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, and Assumption Parishes, LA. Senior Project Manager - Mr. Lohmann is the senior project manager responsible for project review and assists the design engineers as needed. He is also responsible for QA/QC.
12/21-Present	SHARP ROAD: Mandeville, LA. Project Manager - Mr. Lohmann is managing the preparation of preliminary and final construction plans for roadway improvements, subsurface drainage installation, and sidewalk construction. Design increases safety for this heavily trafficked roadway by improving pavement conditions and drainage, along with providing a safe place for pedestrians and bicyclists.
11/15-Present	H.003074 / I-10 WIDENING, WILLIAMS BLVD. TO VETERANS BLVD.: Jefferson Parish, LA. Project Manager - GEC is currently designing the widening of I-10 between Williams Boulevard and Veterans Boulevard interchanges in Jefferson Parish. Mr. Lohmann is currently managing final design plans which are over 90% complete in accordance with DOTD's Roadway Design Procedures and Details Manual. The total project length is 2.58 miles and consists of the construction of one 12' additional lane with a 10' shoulder inside along the I-10 eastbound and westbound roadways. Included in the project is the replacement and widening of the bridges over Canal No. 3 and Veterans Blvd. Sound Barriers, both ground-mounted and structure-mounted on the north side of I-10, form part of this project. Design has also been performed on the replacement of portions of the concrete lining of Canal No. 3 that will be impacted by the new bridge design. Mr. Lohmann provided design in the preliminary plans phase and design review of the roadway during the final plans phase. This project included a level 2 Transportation Management Plan (TMP).
08/01-05/02	258-33-0001 / BLUEBONNET BOULEVARD EXTENSION (NICHOLSON DR. TO BURBANK DR.): Baton Rouge, LA. Project Manager - Mr. Lohmann completed preliminary plans for the widening of Bluebonnet Blvd. to a 4- and 5-lane urban section for approximately 2.5 miles. He was responsible for project administration and management, coordination of subconsultants, and Quality Control design. This project included a level 2 TMP.
02/20-Present	H.013897 / I-10 & I-12 COLLEGE DR. FLYOVER RAMP DESIGN-BUILD PROJECT: East Baton Rouge Parish, LA. Roadway Task Lead - Mr. Lohmann is Roadway Task Lead for the GEC/Boh Bros. team. Mr. Lohmann provided the roadway construction plans for this project and was responsible for the geometric layout for the entire project, ensuring conformance to DOTD and AASHTO standards. GEC is responsible for engineering and design quality control services as necessary to complete the design and construction for the I-10 & I-12 College Dr Flyover Ramp Design-Build Project. He also participated in the Level 4 Transportation Management Plan (TMP).
11/15-08/16	H.011435 / US 11 IMPROVEMENTS AT SCHNEIDER CANAL: Slidell, LA. Project Manager - The project elevated US 11 at the levee so that ongoing construction of the levee (in separate projects by the Parish) could continue beyond this point without a break in flood protection at the highway. The road section is a divided two-lane raised median with full-width shoulders and curb & gutter drainage to reduce the risk of road flooding and water hazards for motorists. Safety modifications include signage and striping improvements and intersection safety modifications. The highway remained on-grade on embankment and was raised approximately 10 feet at the levee. Approximately 2,300 feet of the highway was affected. GEC accomplished all aspects of design with its own in-house personnel, excluding geotechnical services. GEC completed the construction plans for this project in the summer of 2016. It incorporates an improved curbed road section including a raised median and a bike path. This project was the first project ever designed with LADOTD specifications that included a levee. Mr. Lohmann designed approximately 2,700' of divided two lane and multi-lane roadway to raise the roadway over the levee on Schneider Canal. This project included a level 2 Transportation Management Plan (TMP).


FIRM EMPLOYED BY G.E.C., Inc.				
NAME	Thomas Swanson, PE, PTOE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	18
TITLE	Senior Professional Civil Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	10
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1992 / Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		30139 / Louisiana / 09-30-2026 1016 / US / 04-10-2027		
YEAR REGISTERED	2002; 2006	DISCIPLINE	Civil Engineer; Professional Traffic Operations Engineer (PTOE)	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Traffic Coordination & QA/QC		
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).			
	<p>Mr. Swanson's career began over 40 years ago when he worked as an electrician for the U.S. Navy. He later graduated in Civil Engineering and has focused much of his career on traffic, ITS, & electrical engineering projects since 1992. While in GEC's Electrical Department, Mr. Swanson has provided professional engineering services associated with Stage 0 Feasibility Studies, Stage 1 Environmental Assessments, traffic studies & traffic signal design, traffic data collection & analysis, traffic signal warrant analysis, traffic signal timing & optimization, design of isolated traffic signal intersections, development of traffic control devices plans and computerized signal system design and engineering projects. Mr. Swanson has working knowledge of LADOTD's Sign Manual, Pavement Marking Manual, Traffic Signal Manual, Traffic Engineering Process and Report, and Traffic Engineering Manual. He has completed Modules 1-3 of the Traffic Engineering Process and Report Course offered by LTRC. Mr. Swanson has completed a number of Level 1-4 Transportation Management Plans (TMP), both for ITS and lighting projects. He supports GEC's engineering group by providing traffic engineering analysis and design in support of the production of preliminary plans for the design and development of construction plans for roadway improvement projects.</p>			
02/20-Present	H.013897 / I-10 & I-12 COLLEGE DR. FLYOVER RAMP DESIGN-BUILD PROJECT: East Baton Rouge Parish, LA. Traffic Engineer - Mr. Swanson's responsibilities included the ITS system relocation design, and construction signage and striping (Maintenance of Traffic) and permanent signage and pavement markings. Mr. Swanson completed the construction signing/striping layout as well as permanent signing/striping.			
2012 SECTION 17 PROJECT	H.008046 / LA 3152 CLEARVIEW OPERATIONAL IMPROVEMENTS: Jefferson Parish, LA. Traffic Engineer - Mr. Swanson performed a study of the existing alignment and recommended geometric improvements , specifically improvement of the Clearview/Airline Highway and Clearview/Mounes Ave. Intersections. Performed the Stage 0 for the project, and involved in the Transportation Management Plan for the construction project.			
12/23-04/24 SECTION 17 PROJECT	NORTH CAUSEWAY APPROACH ROAD OVERLAY: St. Tammany Parish, LA. Traffic Engineer - This project involved the rehabilitation of an existing roadway for the Greater New Orleans Expressway Commission. The rehabilitation included milling and overlaying the existing roadway, installing new pavement markers , and redesigning the existing guard rail to meet current safety standards. Mr. Swanson provided the Sign Summary, with permanent Pavement Marking and Signage plans for the project. This included size and MUTCD catalog designation.			
2017-Present	H.003074 / I-10 WIDENING, WILLIAMS BLVD. TO VETERANS BLVD.: Jefferson Parish, LA. ITS Engineer - GEC is currently designing the widening of I-10 between Williams Boulevard and Veterans Boulevard interchanges in Jefferson Parish. Final design plans are over 95% complete. The total project length is 2.58 miles and consists of the construction of one 12' additional lane with a 10' shoulder inside along the I-10 eastbound and westbound roadways. This project includes a level 2 Transportation Management Plan (TMP). Mr. Swanson provided plans to relocate the existing CCTV Site, along with an additional CCTV site on the north side of I-10.			
09/19-07/24 SECTION 17 PROJECT	LASAFE AIRLINE AND MAIN COMPLETE STREETS: LaPlace, LA. Traffic Engineer - Mr. Swanson performed design of ADA-compliant pedestrian crossings at Airline Highway (US 61) and Main St (LA 44) for this ongoing project. He also completed a pedestrian/traffic study for the Main Street (LA 44) corridor analyzing and observing vehicular and pedestrian traffic, to assess the need to add crosswalks.			
2017	PALMISANO BLVD. IMPROVEMENTS: Chalmette, LA. Traffic Engineer - Mr. Swanson completed striping and signing for a bike path.			
04/16-10/16	H.010843/ORMOND BLVD. REHAB: St. Charles Parish, LA. Traffic Engineer - Mr. Swanson performed traffic counts a new roadway striping plan.			

FIRM EMPLOYED BY G.E.C., Inc.				
NAME	Keith Rebello, PhD, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	26
TITLE	Senior Professional Civil Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	8
DEGREE(S) / YEARS / SPECIALIZATION		BS / 1983 / Civil Engineering; MS / 1986 / Civil Engineering; PhD / 1990 / Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		24937 / Louisiana / 03-31-2025		
YEAR REGISTERED	1992	DISCIPLINE	Civil Engineer	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Bridge Design 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 YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).			
	<p><i>Dr. Rebello has 32 years of structural engineering experience designing cast-in-place slab spans and precast prestressed (LG type) girder bridges. He performed research work on non-linear deformation behavior of pre-stressed concrete bridges. He has designed and managed a variety of structural projects involving complex interstate and highway bridges (new, replacement, rehabilitation and widening), retaining walls, noise walls, buildings, water and wastewater treatment facilities, hurricane protection systems & hydraulic structures. He has experience in rating of bridges in accordance with LADOTD and AASHTO MBE requirements and performed ratings using AASHTOWare Bridge Rating (Virtis) software and finite element analysis where required.</i></p>			
09/20-Present	<p>BLUEBONNET BLVD. (PERKINS TO PICARDY): Baton Rouge, LA. Bridge Design - GEC is designing the widening of Bluebonnet Blvd. to include an additional lane in each direction. Dr. Rebello performed an investigation of the bridge over Dawson Creek to determine whether the bridge should be widened or replaced in accordance with Part 1, Chapter 6 of the LADOTD BDEM. This investigation will start with an in-depth investigation of the bridge superstructure and substructure. The inspection report will provide Condition Ratings for the superstructure, substructure, and piles. The Condition Ratings will be used in the performance of a bridge load rating based on the AASHTO Manual of Bridge Evaluation and the LADOTD BDEM. The new precast prestressed (LG type) girder bridges will provide five lanes of traffic (three through and two turn lanes) in the southbound direction and three lanes of through traffic in the northbound direction. The southbound bridge will have a clear roadway width of 58'-0" made up of five 11'-0" lanes and two 1'-6" shoulders. On the northbound bridge, three 11'-0" lanes and two 1'-6" shoulders will provide a clear roadway width of 38'-0". The bridges will have a 10'-0" wide multi-mode sidewalk (southbound) and a 5'-0" wide pedestrian sidewalk (northbound). (City-Parish Project No. 19-CP-HC-0034)</p>			
02/20-Present	<p>I-10 & I-12 COLLEGE DRIVE FLYOVER RAMP DESIGN-BUILD: Baton Rouge, LA. Bridge Task Lead - Dr. Rebello is Bridge Task Lead for the GEC/Boh Bros. team. He has been responsible for engineering and design quality services necessary to complete the design and construction of the I-10 & I-12 College Dr. Flyover Project. The Flyover was designed and construction plans were developed to permit a two-phase construction in order to maintain at least two lanes of traffic at all times. Dr. Rebello designed the two-span continuous (180 feet per span) steel superstructure for the flyover as well as rolled steel girder spans for widening the existing I-10 westbound bridge over Ward Creek. He has additionally designed and developed plans for Retaining Walls for the entire project and is currently working on the design of the required Sound Barriers.</p>			
01/23-04/23	<p>OVERLAY THE WEST CAUSEWAY APPROACH ROAD AT CHINCHUBA BAYOU: St. Tammany Parish, LA. Road Design Engineer - This project involved the rehabilitation of an existing roadway for the Greater New Orleans Expressway Commission. The rehabilitation included milling and overlaying the existing roadway, installing new pavement markers, and redesigning the existing guard rail in order to meet current safety standards. Mr. Rebello was responsible for the development of the construction plans, the design of the new guard rail, and calculating quantities.</p>			
11/18-07/20	<p>I-10 SERVICE ROAD BRIDGES: Slidell, LA. Project Manager (Structural) - This project included the replacement of a 5 span 100 feet long concrete slab span bridge over Reine Canal and 5-span 100' long slab span bridge with 30-degree skew over French Branch Canal. Dr. Rebello was the structural project manager for this project and oversaw the structural design, plan preparation and Q.C.</p>			


FIRM EMPLOYED BY G.E.C., Inc.	
NAME	Keith Rebello, PhD, PE <i>Continued Resume</i>
10/20-Present	H.004100 / I-10, LA 415 TO ESSEN LANE: Baton Rouge, LA. Structural Engineer - Dr. Rebello designed a two-span truss spanning a future widened I-10 near Dalrymple Dr. to support multiple Dynamic Message Signs as part of the ITS portion of this project. Additionally, he designed light pole supports on the wall cap on Wall No. 12. Both truss supports and light pole supports are anchored to concrete foundations using pre-installed concrete anchor rods. All designs are in accordance with "AASHTO LRFD Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals".
04/13-07/21	H.011207 & H.011239 / LA 1 BRIDGE, LEEVILLE TO GOLDEN MEADOW: Lafourche Parish, LA. Structural Engineer - Dr. Rebello served as a Structural Engineer as part of a team involved in the design of the widening of an existing bridge and the construction of a new bridge totaling 6,500 feet in length. The variably widened portion of the bridge consisted of prestressed concrete Type III girder spans. The new bridge portions are supported on special new Louisiana (LG) girders. Dr. Rebello performed the LRFR rating on the existing girders and pile bents to assess the structural feasibility for widening. Dr. Rebello was responsible for ensuring that all updated AASHTO and LADOTD specifications were incorporated into the design. Once the widening was deemed feasible, and all design completed, Dr. Rebello performed an as-designed rating on the entire structure.
06/12-Present	H.003074 / I-10 NEW ORLEANS, WILLIAMS TO VETERANS: New Orleans, LA. Structural Engineer - Dr. Rebello was in charge of bridge load rating of existing bridges, bridge design management, and structural design for this complex project. Initial extensive load rating of the existing bridges done at GEC, resulted in LADOTD making an informed decision to replace the bridges. Dr. Rebello supervised the structural design of all components of the replacement bridges – deep foundations, bridge piers, and steel and pre-stressed concrete bridge superstructure. Design has also been performed on the replacement of portions of the concrete lining of Canal No. 3 that will be impacted by the new bridge design. Dr. Rebello supervised and performed superstructure and substructure load rating for existing bridges and ramps for this highly congested 2.58 mile urban interstate project. The extensive load rating and documentation provided to LADOTD allowed an informed decision to be made regarding widening or replacing the existing bridges. The data supported bridge replacement. Dr. Rebello, lead designer for the superstructure design, included composite pre-stress and steel girder span. All pre-stress girders were Louisiana (LG) girders designed in accordance with AASHTO LRFD bridge specifications.
08/05-07/13	700-28-0004 / US 71/165 FORT BUHLOW BRIDGE AND APPROACHES: Alexandria/Pineville, LA. Structural Engineer - Dr. Rebello performed preliminary design of a new 0.6-mile bridge spanning the Red River. He developed alternative designs employing pre-stressed concrete and steel girder spans and segmental concrete box girders spans. He prepared preliminary plan alternative layouts for curved steel girder ramps and bridge plans for an overpass over a railroad, using conventional precast pre-stressed concrete girders. Ultimately, the bridge was designed with AASHTO 72" Type BT girder spans and a 1000', 3-span steel girder unit over the channel.
04/19-06/23	CHEVELLE AND SARASOTA DRIVE BRIDGE REPLACEMENTS: East Baton Rouge Parish, LA. Structural Engineer - This project includes the replacement of the existing Chevelle Drive Bridge over the West Fork of the North Branch of Ward Creek with a 4-span 80-foot long slab span bridge and the existing Sarasota Drive bridge over Engineers Depot Canal with a 5-span 105-foot long slab span bridge. Both bridges will have pedestrian walks and are located in Baton Rouge, Louisiana. Dr. Rebello was the Project Manager for this project and oversaw the structural design, plan preparation, quantity estimates, as-designed rating, and quality control.
07/09-06/12	LAKE PONTCHARTRAIN, LA AND VICINITY, HURRICANE PROTECTION PROJECT LPV 17.2, BRIDGE ABUTMENT AND FLOODWALL TIE-INS AT CAUSEWAY BRIDGE: Jefferson Parish, LA. Structural QA - Dr. Rebello performed bridge and structural design in the final phases of this project which included 1200' of new NB and SB elevated bridge structures from 6th street to foot of existing bridge with 40-foot-high structure mounted light fixtures. Design consisted of slab spans & Type III PPC girder spans. Design also included a floodwall (T-wall) at existing levee crossing grade.
07/09-Present	GNOEC, INSPECTION OF THE CAUSEWAY BRIDGE AND APPROACHES: Jefferson and St Tammany Parishes, LA. Load Rating Structural Engineer - Dr. Rebello is the primary Load Rating Structural Engineer on this project. Federal Law 39 FR 10430 requires that all bridges on public roads be inspected and rated in accordance with National Bridge Inspection Standards (NBIS), 23 CFR Part 650, Subpart C. As Consulting Engineer for the Greater New Orleans Expressway Commission (GNOEC), GEC is responsible for the NBIS inspection and load rating for all GNOEC-owned bridges. Dr. Rebello has performed superstructure ratings for double-leaf steel Bascule Spans, prestressed concrete box girder spans, prestressed concrete monolithic girder and slab spans, and, composite steel girder and concrete deck spans on the GNOEC owned system. All rating has been done in accordance with American Association of State Highway Transportation Officials (AASHTO) Manual for Bridge Evaluation.


FIRM EMPLOYED BY G.E.C., Inc.				
NAME	Mickey Prattini Jr., PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	9
TITLE	Senior Professional Electrical Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	11
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2004 / Electrical Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		35993 / Louisiana / 03-31-2027		
YEAR REGISTERED	2011	DISCIPLINE	Electrical and Computer Engineer	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Electrical Design 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 YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).			
	<p>Mr. Prattini's 20 years of electrical design experience includes lighting design and quality control, wastewater treatment facilities and lift stations, multiple pump motor installations in hazardous (classified) locations, generator installation projects, and multiple government (municipal and transportation) projects. Mr. Prattini is experienced with NFPA standards required by electrical projects and is capable of completing the design and project management related tasks required for this project. He started his career as an electrician in the army and has consistently managed client and stakeholder relations along with design challenges to produce quality deliverables in line with the project's delivery schedule. He has been a Society of Fire Protection Engineers (SFPE) member since 2017.</p>			
09/19-07/24 SECTION 17 PROJECT	<p>LASAFE AIRLINE AND MAIN COMPLETE STREETS: LaPlace, LA. Electrical Engineer of Record - Mr. Prattini designed and supervised the electrical design of the roadway lighting system. This project involved the design and illumination of a sidewalk along Airline Highway that will connect to Main Street. This sidewalk will accommodate pedestrians and bicyclists. Additional illumination is provided for the parking area of St. John Parish Utilities building, located at the intersection of Main Street and Airline Highway.</p>			
08/21-Present	<p>AMES BLVD LIGHTING: FROM LAPALCO BLVD TO WESTBANK EXPY: Jefferson Parish, LA. Electrical Engineer of Record - Mr. Prattini was in responsible charge of the electrical design for adding decorative street lighting fixtures to approximately 1.3 miles of roadway. GEC provided design and construction related engineering services.</p>			
02/20-Present	<p>H.013897 / I-10 & I-12 COLLEGE DR. FLYOVER RAMP DESIGN-BUILD PROJECT: East Baton Rouge Parish, LA. Engineer of Record - Mr. Prattini has provided photometric and lighting design review and quality control review for the GEC/Boh Bros. team. GEC is responsible for engineering and design quality control services as necessary to complete the design and construction for the I-10 & I-12 College Dr. Flyover Ramp Design-Build Project.</p>			
09/20-Present	<p>H.004100.5 / I-10 CMAR, LA 415 TO ESSEN LANE ON I-10 AND I-12: West and East Baton Rouge Parishes, LA. Electrical Engineer of Record - Mr. Prattini completed an enhancement lighting study for Segment 1 of the project to incorporate aesthetic lighting at the City Park Lake Bridge and emphasize the Greenway path from the Expressway Park to the bridge. Though the CMAR project is currently in design, Mr. Prattini is currently overseeing and collaborating on the design of the enhancement, roadway, and walkway lighting.</p>			
04/19-Present	<p>H.003074.5 / WILLIAMS BLVD – VETERANS BLVD., ROUTE I-10: Jefferson Parish, LA. Electrical Engineer of Record - Mr. Prattini is overseeing the photometrics, electrical calculations, and drawing development of the project, which includes a total length of 2 miles of widening and three interchanges, all of which will need revisions to the existing lighting systems as well as FAA coordination for the lighting design.</p>			
01/18-09/20	<p>RETAINER NO. 44-2746, T.O. H.012602 / MORRISON ROAD INTERSTATE LIGHTING: New Orleans, LA. Quality Control - Mr. Prattini performed Quality Control for this project during design and CE&I support during construction. Project limits included the I-10 / Morrison Road Interchange. GEC provided design and construction services under two separate Task Orders.</p>			
2017-2022	<p>RETAINER NO. 44-2746, T.O. H.012469, US 190, MISSISSIPPI RIVER BRIDGE – NAVIGATION LIGHT REPLACEMENT: Baton Rouge, LA. Quality Control - In 2017, Mr. Prattini performed Quality Control for this project. From 2021-2022, Mr. Prattini provided revised plans as the engineer of record, which addressed additional comments made by the railroad. Project makeup consists of the following types of roadway lighting standards: navigation and aviation lighting. GEC provided design services and is currently awaiting the project to be slated for construction.</p>			


FIRM EMPLOYED BY G.E.C., Inc.				
NAME	Logan Michel, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	2
TITLE	Professional Civil Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	7
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2015 / Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		43970 / Louisiana / 03-31-2026		
YEAR REGISTERED	2019	DISCIPLINE	Civil Engineer	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Road Design		
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).			
	<p>Mr. Michel has 9 years of experience focused on road design. He was involved in developing all aspects of roadway planning for LADOTD state projects, including bridge spot replacement, roundabouts, overlay projects, and new roadway development. His expertise includes planning and design, project and construction management, and preparation and review of construction data and reports, including cost estimates, specifications, test results and schedules. He provided oversight for major projects and conducted project meetings on design modifications, work progress and safety measures. Mr. Michel has completed the Traffic Engineering Analysis Process and Report Modules 1-3 training. He has experience developing Level 1 & 2 Transportation Management Plans for roadway construction projects and is familiar with the current editions of LADOTD's Louisiana Standard Specifications for Roads and Bridges, LADOTD's Roadway Design Procedures and Details Manual, LADOTD's Minimum Design Guidelines, Roadside Design Guide, and Hydraulics Manual.</p>			
08/22-Present	<p>H.013897, I-10 & I-12 COLLEGE DR FLYOVER RAMP DESIGN-BUILD PROJECT: East Baton Rouge Parish, LA. Roadway Design - Mr. Michel is Roadway Designer for the GEC/Boh Bros. team. GEC is responsible for engineering and design quality control services as necessary to complete the design and construction for the I-10 & I-12 College Dr Flyover Ramp Design-Build urban freeway transportation project. Design is in accordance with Louisiana Standard Specifications for Highways and Bridges and LADOTD's Roadway Design Procedures and Details Manual. Mr. Michel developed and revised Maintenance of Traffic (MOT) plans for all phases of construction. Mr. Michel is responsible for editing current or future design and revising previously approved plan sheets as the project progresses. He works closely with the contractor to provide safe and effective ongoing construction for all parties.</p>			
08/22-Present	<p>H.003074, I-10 WIDENING, WILLIAMS TO VETERANS: Jefferson Parish, LA. Road Design - Project included the design of the addition of a lane to the existing interstate and the widening/replacement of bridges to accommodate the additional lane. Mr. Michel is reviewing GEC's final plans which are more than 95% complete in accordance with LADOTD's Roadway Design Procedures and Details Manual. Mr. Michel has coordinated with the Geotechnical engineer to prepare technical plan sheets for surcharge construction.</p>			
08/22-Present	<p>BAINBRIDGE AVE. ROADWAY & DRAINAGE IMPROVEMENTS: Kenner, LA. Project Engineer - GEC is preparing plans for the drainage design of the Bainbridge project. Mr. Michel's role consisted of preparing hydraulic calculations and drainage plan and profile sheets based on sub-consultant coordination, coordination with Jefferson Parish, and implementation of Parish standards. Also, Mr. Michel prepared technical specifications and a OPCC (Opinion of Probable Construction Cost) for GEC's portion of the design for each submittal stage.</p>			
10/23-Present	<p>44-25040 / IJA OFF-SYSTEM BRIDGE PROGRAM, DISTRICT 61 LESS EBR: East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, and Assumption Parishes, LA. Design Engineer - Projects include the design of a bridge spot replacement of off-system bridges. The design is in accordance with Federal Aid Off-System Highway Bridge Program and the Off-System Hydraulic Design Guidelines. Mr. Michel's tasks include horizontal and vertical geometry, guardrail design, hydraulic analysis of the project area and the existing bridge, hydraulic modeling and reporting, establishing approximate required right-of-way (ROW) limits, plan/pro sheet development, cross section development, development of additional plan sheets, and preparing cost estimates for proposed design.</p>			
10/18-10/21	<p>H.010815.6 / LA 124 EXTENSION (SEGMENT 1): Catahoula Parish, LA. Project Engineer - This project consisted of constructing a private drive into a new state road (LA 124). Mr. Michel's responsibilities included plan production, designing new vertical and horizontal alignments based on LADOTD's Minimum Design Guidelines and Roadside Design Guide, hydraulic analysis, geometric design, drainage design for multiple culvert locations (RCB culverts & cross drains), cost analysis and estimation. (work done prior to joining GEC)</p>			


FIRM EMPLOYED BY G.E.C., Inc.				
NAME	Bliss Bernard, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	2
TITLE	Vice President Environmental / Business Development		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	8
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2014 / Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		42709 / Louisiana / 03-31-2027		
YEAR REGISTERED	2018	DISCIPLINE	Civil Engineer	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Road Design, Drainage, Environmental		
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>Mrs. Bernard is a licensed Professional Engineer, experienced with a range of engineering projects including roadway design, environmental planning, water resources coastal/habitat restoration, and traffic and safety engineering. She has extensive knowledge of NEPA regulations and has served as the Project Manager on several Environmental Assessments and Environmental Impact Statements and has assisted in processing numerous environmental permits and documents for local, state, and federal agencies. Mrs. Bernard served as the Project Manager for the Louisiana Strategic Highway Safety Plan and was actively involved in statewide, regional, and local coalitions in establishing plans to improve safety to ultimately reach Destination Zero Deaths. Mrs. Bernard is proficient in ArcGIS, Microstation, HEC-RAS, HEC-HMS, LADOTD's HYDRWIN, and has completed the ATSSA TCT, TCS, and Certified Flagger training courses, NHI Course NEPA & the Transportation Decision-Making Process, the LADOTD Highway Safety Manual Course, and the LADOTD Traffic Engineering Process and Report Training Modules 1, 2, and 3.</p>			
10/22-Present	<p>H.004100 / I-10 CMAR, LA 415 TO ESSEN LANE ON I-10 AND I-12: Baton Rouge, LA. Project Engineer - Mrs. Bernard assisted with the preparation of the incident management plan, public and stakeholder outreach, and the NEPA re-evaluation document. The plan was developed for preparation of construction of Phase 1 and consisted of a planned and coordinated multi-disciplinary process to detect, respond to, and clear traffic incidents so that traffic flow may be restored as safely and quickly as possible. She assisted in identifying emergency staging locations, detour routes, emergency access locations, and queue clearing locations. Mrs. Bernard also assisted with the preparation and submittal of the Corps permit for the LSU Lakes Bridge. Mrs. Bernard has assisted with public and stakeholder outreach, preparing presentation materials, and providing updates on the project to inform stakeholders of progress. Mrs. Bernard assisted in the development of the NEPA Re-Evaluation document which contained re-evaluation for seven modifications along the corridor. She performed an Environmental Justice (EJ) analysis and developed all EJ sections of the document.</p>			
06/15-05/17	<p>H.011790 / RIVER ROAD NORTH WIDENING AND OVERLAY: Denham Springs, LA. Engineer Intern & Project Manager - Mrs. Bernard assisted in engineering design to widen & overlay the existing River Road North roadway between Centerville Street and North Range Avenue in Denham Springs, LA, for approximately 1.2 miles. Mrs. Bernard assisted in the design of preliminary and final roadway plans and developed construction documents for the project. These plans were in accordance with LADOTD Design Guidelines for Preservation Projects. Due to the superelevation, curves, guardrails, bridge structures, drainage, and sidewalk features, a more detailed preservation plan set was developed. She served as the project manager for this project, coordinated between utility companies, LADOTD, and sub-contractors, and assisted with the permitting effort at the bridge crossing.</p>			
01/16-04/17	<p>H.011014 LA 3002: U-TURN: Denham Springs, LA. Engineer Intern & Project Manager - Mrs. Bernard served as the Project Manager and assisted with the preliminary and final plans for the proposed LA 3002 U-Turn in Denham Springs, Louisiana. This project provides for the construction of a U-Turn between North Range Road and South Range Road (LA 3002), subsurface drainage, and roadway striping modifications. She assisted with the environmental categorical exclusion, preliminary and final design plans, which included the design of a new roadway, widening existing roadways, intersection improvements, signage and striping, and subsurface drainage. She developed final plan documents, which included title sheet, typical sections, plan and profile sheets, drainage plan and profile sheets, quantities, geometric layout, detail sheets, cross sections, and completed a subsurface drainage analysis using LADOTD's HYDRWIN program.</p>			
05/17-05/20	<p>H.001271 CANE RIVER BRIDGE CHURCH STREET ENVIRONMENTAL ASSESSMENT: Natchitoches Parish, LA. Project Manager - Mrs. Bernard served as the project manager. Prime consultant assisted LADOTD and FHWA to formulate a concise public document, or EA. She provided planning, public outreach, & engineering & environmental services necessary to gauge public support & document information necessary for LADOTD and FHWA to</p>			

FIRM EMPLOYED BY G.E.C., Inc.	
NAME	Bliss Bernard, PE <i>Continued Resume</i>
	reach an environmental decision as required by NEPA. She analyzed project impacts by coordinating and assisting in developing various technical studies, including line & grade study, GIS mapping, wetland delineation & threatened and endangered species study, phase 1 EA, air & noise impact studies, and cultural resources surveys. She directed all activities for numerous stakeholder meetings, public meetings, and public hearings. Through the compilation of all studies required by NEPA and public and agency involvement, she developed the Final EA for the replacement of the Cane River Bridge. She developed and received approval on the first known LADOTD and FHWA "net benefit determination" for Section 4(f) properties in the State of Louisiana. She developed a Finding of No Significant Impact (FONSI) document, which was approved by FHWA and LADOTD. This document was provided to FHWA and will be used as a template for future FONSI developed in partnership with LADOTD.
02/18-12/21	H.006459 RODDY ROAD/CHURCHPOINT ROAD ROUNDABOUT: Ascension Parish, LA. Project Manager - Mrs. Bernard served as Project Manager on this project re-design. Due to funding restrictions, the project was not constructed in a timely manner, and Ascension Parish issued the prime consultant with the project in 2018 to update the original submittals. She directed survey crews and traffic data collection crews in updating existing topographic survey and traffic data to update outdated information. Using this information, she developed an updated intersection study report and environmental categorical exclusion report. She assisted in updating all other prior plan documents in accordance with new LADOTD standards including geotechnical and pavement design, engineering plans, drainage plans, right-of-way maps, and all other bid and construction documents.
06/19-09/20	STAGE 0 FEASIBILITY STUDY OF MODERN ROUNDABOUTS: Lafayette Parish, LA. Engineer - The project entailed developing Stage 0 Feasibility Studies for 30 conceptual roundabout locations throughout Lafayette Parish for the Acadiana Metropolitan Planning Organization. Mrs. Bernard served as an engineer, and was responsible for data collection, feasibility studies, environmental inventory, and conceptual design of numerous roundabouts. She developed feasibility reports and environmental inventory reports in accordance with LADOTD. She managed the traffic sub-consultant, ensuring quality control of all submittals.
06/14-09/15	H.011248 / JULIA STREET WIDENING AND OVERLAY & H.011249 MAPLE STREET OVERLAY: Denham Springs, LA. Engineer Intern - Mrs. Bernard assisted with the Stage 0 and Stage 3 LADOTD Services for the Julia Street and Maple Street Overlay Projects in Denham Springs. She assisted in the preparation of the Stage 0 Study and subsequent categorical exclusion. Mrs. Bernard assisted in the development of preliminary and final plans, ensuring compliance with LADOTD standards. She attended project meetings, made site visits to determine roadway characteristics, and assisted in the preparation of the letter size plan set in accordance with LADOTD Design Guidelines for Preservation Projects . She also completed a drainage analysis of the proposed storm sewer system utilizing LADOTD's hydraulic software HYDRWIN.
03/24-Present	H.004279.5 / I-49 CONNECTOR, LAFAYETTE REGIONAL AIRPORT TO I-10/I-49/US 167 INTERCHANGE: Lafayette, LA. Project Manager/Engineer - GEC is serving as a sub-consultant for the I-49 Connector Project and provides program management and project controls, ITS design, road and bridge design, lighting and power systems design, environmental evaluations, and quality control. Mrs. Bernard is an engineer developing the project management plan (PMP), assisting with the initial financial plan (IFP) and the cost and schedule risk assessment (CSRA).
06/14-05/20	H.972169.1 (4400005388) AND 4400002481. LOUISIANA DOTD SHSP IMPLEMENTATION: Statewide. Project Manager - The SHSP is data driven and includes proven strategies for reducing traffic fatalities and injuries on Louisiana roadways. Ms. Bernard served as the Project Manager and provided technical assistance to the SHSP, facilitated breakout sessions, and prepared meeting documents at regional coalition meetings, statewide emphasis area team meetings, and implementation team meetings. She assisted LADOTD in providing onsite and remote technical assistance for other road user programs/projects, including bicyclist, pedestrians, transit, drivers, and other users and programs. Ms. Bernard assisted with developing detailed action plans for each emphasis area in the SHSP, assisting emphasis area teams and regional safety coalitions in developing new strategies, coordinating the statewide action plans with the regional safety coalition action plans, providing emphasis area team and regional safety coalitions with support as needed, maintaining the overall SHSP public and partner involvement process, refining the SHSP project selection process, and various other tasks in establishing an SHSP for the State of Louisiana.


FIRM EMPLOYED BY G.E.C., Inc.			
NAME	Drake Helton, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Professional Civil Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2019 / Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		48974 / Louisiana / 09-30-2026	
YEAR REGISTERED	2024	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Road Design	
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	<p><i>Mr. Helton graduated from Louisiana State University with a Bachelor of Science in Civil Engineering in 2019. In 2024, he completed his Professional Engineer (P.E.) certification with the state of Louisiana. He has experience with projects involving all aspects of Civil Engineering. He reviews design plans, conducts site visits, develops engineering, environmental, and hydraulic plans.</i></p>		
02/23-09/24	<p>LA 447 CORRIDOR IMPROVEMENTS: LA. Engineer Intern - Project included designing improvements along LA 447 south of 1-12 to Joe May Road. This project involved two roundabouts, a bridge replacement, adding lanes and shoulders, and subsurface drainage. Mr. Helton designed road geometry and subsurface drainage. Mr. Helton utilized Microstation, Inroads, Hydrowin, and Microsoft office to design and perform calculations. (work done for previous employer)</p>		
11/22-09/24	<p>FLORIDA BLVD. CORRIDOR - 1-110-AIRLINE: LA. Engineer Intern - For this MOVEBR Program for this Corridor & Mobility Enhancement project, this project included analyzing and designing safe, ADA-compliant pedestrian and bicycle facilities along Florida Boulevard. Mr. Helton assisted in analyzing drainage, addressing comments, calculating quantities, and developing plan sheets. Mr. Helton utilized Microsoft office, AutoCAD Civil 3D, and HydroWin to analyze, design, and perform calculations. This project benefits all pedestrians along Florida Blvd. while also adding safety to drivers. (work done for previous employer)</p>		
09/22-09/24	<p>CENTERVILLE ST. NW IMPROVEMENTS: LA. Engineer Intern - Project for the City of Denham Springs to rehab Centerville St. NE, add bike lanes, and connect existing sidewalk to Denham Springs Jr. High along Centerville St. NW. This LPA Project is funded, in part, by CRPC (MPO) and reviewed/let by LADOTD. Mr. Helton used AutoCAD Civil 3D, HydroWin, and Microsoft office to design and perform calculations. This project followed complete streets guidelines to ensure the safety of all pedestrians. (work done for previous employer)</p>		
08/21-08/22	<p>HANKS DRIVE SIDEWALKS PHASE 2: LA. Engineer Intern - Project for the City of Baton Rouge to design drainage and sidewalks along Hanks Drive and Landis Drive. The project consisted of about one mile of sidewalk and drainage to go underneath the sidewalk. Mr. Helton designed the drainage and sidewalks utilizing Microstation, Inroads, Microsoft office, HydroWin2060, and LA DOTD hydraulic manual. Mr. Helton also assisted in developing the plan sheets and addressing comments in the process. (work done for previous employer)</p>		
07/21-01/22	<p>ELM GROVE GARDEN PEDESTRIAN IMPROVEMENTS: LA. Engineer Intern - Project for the City of Baton Rouge to design drainage and sidewalks along Elm Grove Garden Drive. Mr. Helton assisted in addressing comments, calculating quantities, and developing plan sheets. Mr. Helton utilized Microsoft office and Microstation programs to acquire and maintain accurate calculations as comments were addressed throughout the design process. (work done for previous employer)</p>		
01/20-08/22	<p>NORTH CANAL IMPROVEMENT PROJECT: LA. Engineer Intern - Project to develop a HEC-RAS model and design drainage improvements in North Canal to relieve flooding issues in the Baker Estates neighborhood. This project consisted of many challenges including limited Right of Way and executing a BCA for FEMA funding. The project consists of widening the canal, utility relocation, culvert replacement, and road reconstruction. Mr. Helton developed the opinion of probable cost and assisted in generating plan sheets utilizing Inroads and MicroStation. (work done for previous employer)</p>		

FIRM EMPLOYED BY G.E.C., Inc.				
NAME	Jonathan Philley, EI		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	3
TITLE	Engineer Intern		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	3
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2019 / Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		34937 / Louisiana / 03-31-2026		
YEAR REGISTERED	2022	DISCIPLINE	Engineer Intern	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Road Design, Drainage		
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><i>Mr. Philley has 5 years of experience with roadway widening and realignment projects. In addition, he has designed drainage systems and milling and overlay. Prior to joining GEC, Mr. Philley worked with HRC Engineers, Surveyors, and Landscape Architects and Pritchard Engineering, affording him knowledge of the standards and guidelines required for roadway projects. He is also very familiar with AASHTO standards and guidelines.</i></p>		
04/21-04/23 SECTION 17 PROJECT	<p>LA SAFE AIRLINE AND MAIN COMPLETE STREETS: LaPlace, LA. Engineer Intern - The project involved the design of a shared use path along Airline Highway that would connect to Main St. This path would accommodate pedestrians and bicyclists. Main St. was redesigned to accommodate on street parking, sidewalks were added down the entire project corridor on both sides, and bicycle lanes were added as well. Mr. Philley provided design assistance for the project which utilized the LADOTD Roadway Design Procedures and Details Manual.</p>			
04/21-Present	<p>BLUEBONNET BLVD. (PERKINS TO PICARDY): Baton Rouge, LA. Engineer Intern - GEC is designing the widening of Bluebonnet Blvd. to include an additional lane in each direction. The project includes replacement of existing bridges at Dawson Creek. Mr. Philley is providing design assistance for the project and calculating quantities for storm sewer design. (City-Parish Project No. 19-CP-HC-0034)</p>			
05/21-Present	<p>WEST ST. TAMMANY HILLS DRAINAGE: St. Tammany Parish, LA. Designer - This project involved milling and overlaying of the existing road, replacing the existing surface drainage system to bring it up to current standards. This project required the analysis of the local drainage areas. Using the collected data from the drainage areas a subsurface drainage system was designed. Quantities for the milling/overlaying and the drainage system were computed. The drainage system was designed according to the current LADOTD standards and guidelines (LADOTD Roadway Design Procedures and Details Manual and the 2011 LADOTD Hydraulics Manual).</p>			
05/24-06/24	<p>GONZALES MUNICIPAL PARK PICKLEBALL COURTS: Gonzales, LA. Engineer Intern - This project involved the demolition of a current baseball field along with dugouts, and bleachers, then designing the base bid of 6 Pickleball courts, and the additive alternate of 10 courts. Including adding shelters, grading and drainage of the site. Mr. Philley provided design assistance for the project including calculating earthwork quantities, reviewed the survey, grading design, and drainage design.</p>			
02/24-Present	<p>44-25040 / IJIA OFF-SYSTEM BRIDGE PROGRAM, DISTRICT 61 LESS EBR: East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, and Assumption Parishes, LA. Engineer Intern - Mr. Philley provides design in accordance with Federal Aid Off-System Highway Bridge Program and the Off-System Hydraulic Design Guidelines. Tasks include horizontal and vertical geometry, guardrail design, hydraulic analysis of the project area and the existing bridge, hydraulic modeling and reporting, establishing approximate required ROW limits, plan/pro sheet development, cross section development, development of additional plan sheets, and preparing cost estimates for proposed design.</p>			

FIRM EMPLOYED BY G.E.C., Inc.				
NAME	Alejandro "Alex" Flores, NGICP		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	32
TITLE	Program Manager		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	13
DEGREE(S) / YEARS / SPECIALIZATION		A.S. / 1991 / Civil Engineering, Architectural Engineering; B.S. / 2006 / Urban and Regional Planning; M.S. / 2020 / Transportation		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A		
YEAR REGISTERED	N/A	DISCIPLINE	N/A	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Road Design 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 YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).			
	<p>Mr. Flores has over 40 years of experience promoting a vision of sustainable urban and regional development and its implementation in community and regional planning projects. He has experience in the Evaluation of Transportation Demand Management Studies, (transit oriented developments, complete streets policy, walkable activity centers, livability and sustainability initiatives and integrated corridor management) for residential properties, commercial areas, and large development sites. Mr. Flores has actively participated in the preparation of shared parking and design, master planning design and evaluation, feasibility analysis, site assessments, transit, pedestrian and bicycle analysis and transportation analysis of large scale mixed-use developments, corridors, and shopping centers. He has prepared signing and pavement marking plans for streetscapes improvements, intersections, bike lanes and shared-use trails, utility plans, parking lot layout and design for large and commercial developments.</p>			
10/19-Present	<p>MID CITY GROUP C, D, & E, FEMA RECOVERY ROADS PROGRAM: New Orleans, LA. Project Engineer - GEC is preparing plans, specifications, and estimates for the removal and replacement of an existing asphalt and concrete pavement and drainage structures, as well as replacement of waterline and sewer main. Tasks include horizontal and vertical geometry, subsurface drainage design, and cross section development. Mr. Flores performed project scoping and cost estimate.</p>			
2010-2017	<p>O.C. HALEY BOULEVARD COMPLETE STREETS: New Orleans, LA. Lead Planner - The strategies consisted of infill development assistance, home ownership initiative, façade improvements, sidewalk repairs, asphalt pavement restoration or reconstruction, lighting, landscaping, geometric improvements, signage and striping, ADA-compliant sidewalks and ramps, and evaluation of existing / future traffic flow. The strategy also considered progressive design solutions to reduce crime along the corridor. The urban design vision was to create a design plan to inspire and catalyze the redevelopment of the Central City Main Street Corridor while improving safety for bicycle, pedestrian, transit and vehicle use in the corridor. The implementation of Complete Streets policy was an integral part of this project. The construction of this project was completed in March 2017 and, in June 2017, The National Main Street Center Organization awarded Oretha Castle Haley Blvd. with the national distinction of "Great American Main Street Award" (GAMSA) for the creation of a more economically, socially, and culturally vibrant commercial district. GEC's contribution consisted in the application of Urban Planning Strategies, engineering, landscaping, and construction management and inspection.</p>			
2016-2017	<p>PALMISANO BOULEVARD MULTI-USE TRAIN: St. Bernard Parish, LA. Senior Planner - Mr. Flores participated in the design of a multi-use trail along Palmisano Blvd. from St. Bernard Hwy. to Karen Street. The primary feature of the design involved construction of a 10' wide concrete multi-use trail suitable for walkers, joggers, skaters, bicyclists, and other non-motorized transportation users. The path provides improved access to Chalmette High School and Activity Centers, the Parish Library, and it increases pedestrian safety at Judge Perez Drive.</p>			
2011-2014	<p>SOUTH BOARD AND WASHINGTON AVENUE STREETSCAPE: New Orleans, LA. Senior Planner - The City of New Orleans contracted GEC to design the streetscape improvements for South Broad Street. To restore the pedestrian friendly aspect of this neighborhood business area, it was imperative to reduce the speed of through traffic through this exceptionally wide corridor to improve pedestrian safety and reinforce the feeling of reaching a destination. Several specific improvements were studied. The following planning was designed and constructed: sidewalk buffers at street corners; signage and striping; street lighting; street planting; and neutral ground improvements.</p>			


FIRM EMPLOYED BY Lazenby & Associates, Inc.				
NAME	James Ryan Spillers, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	29
TITLE	Chief Roadway Design Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	0
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1994 / Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		28572 / Louisiana / 09-30-2025		
YEAR REGISTERED	1999	DISCIPLINE	Civil Engineer	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Road Design		
EXPERIENCE DATES (MM/YY–MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., “DESIGNED DRAINAGE”, “DESIGNED GIRDERS”, “DESIGNED INTERSECTION”, ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).			
	<p><i>Mr. Spillers has 29 years of experience in planning and designing highways, streets and bridges and related components on LDOTD projects. He has also served as designer and Project Engineer on several federal-aid Urban System projects for the Ouachita Parish Police Jury and City of Monroe. He is familiar with the LDOTD Minimum Design Guidelines, LDOTD Roadway Design Procedures and Details Manual, and the LDOTD Hydraulics Manual, as well as the AASHTO “Green Book”, AASHTO Roadside Design Guide, and the Manual on Uniform Traffic Control Devices. Mr. Spillers has successfully completed numerous continuing education classes, workshops, and seminars, including the following: LA Specific Traffic Control Supervisor Course, 2024 refresher; One-Dimensional Modeling of River Encroachments with HEC-RAS, 2022; Traffic Engineering Analysis Process & Report Class Module 1, 2 & 3, 2021; Bridge Backwater Computer Program (WSPRO), 1996; National Environmental Policy Act (NEPA) and Transportation Decision Making, 2008; Roundabout Design Workshop, Level 1, 2008; Roundabout Design Workshop, Level 2, 2009; Fundamentals of Planning, Design, & Approval of Interchange Improvements to the Interstate System, 2009; Highway Safety Manual Workshop, 2011; Access Management, Location and Design, 2014; Road Safety 365: A Safety Workshop for Local Governments, 2016. Mr. Spillers has more than 26 years of experience in preparation of roadway plans and development of roadway design projects.</i></p>			
07/05 – 01/08	STATE PROJECT NO. 015-08-0026: US 165 (LA 841 – Rilla), Ouachita Parish. Mr. Spillers performed a hydraulic study and prepared preliminary and final roadway plans for widening a 6.5-mile segment of US 165 to four lanes as part of TIMED program.			
05/07 – 05/10	STATE PROJECT NO. 713-33-0110: Steve Ogden Road Bridge Over Bayou Macon, Madison Parish. Mr. Spillers performed a bridge hydraulic study and prepared preliminary and final roadway plans for a girder bridge on new alignment. This project was successfully constructed with no change orders.			
12/07 – 05/16	STATE PROJECT NO. H.002622: Arkansas Road (LA 616), Ouachita Parish. Mr. Spillers assisted with the hydraulic study of subsurface drainage systems and prepared preliminary and final roadway plans for widening a 3.2-mile segment of LA 616 to five lanes, including four multilane roundabouts. The project included one bridge site, where an existing timber bridge was replaced with a RCB.			
02/11 – 05/17	STATE PROJECT NO. H.003854: Bossier North-South Corridor from Route I-220/Swan Lake Road Interchange to Crouch Road, Bossier Parish. Mr. Spillers performed hydraulic studies for two bridge sites, and prepared preliminary and final roadway plans on this project. The project consisted of the reconstruction and realignment of a 3.7-mile section of Swan Lake Road and construction of a new 4.2-mile roadway connecting Swan Lake Road and Crouch Road. The southern portion of the project contains an urban three-lane section, while the northern segment is a rural, two-lane roadway.			
11/16-01/22	<p>OUACHITA PARISH POLICE JURY ROAD PROGRAM: Mr. Spillers has served as an integral team member of the Ouachita Parish Police Jury Road Program. His duties consisted of evaluating parish roadways and developing pavement preservation construction plans, including drainage design, to preserve and extend the life of Ouachita Parish roadways, many of which are design and constructed under the LDOTD Urban Systems program. Some of the Ouachita Parish Urban System pavement preservation projects that Mr. Spillers has provided professional services include:</p> <ul style="list-style-type: none"> State Project No. H.011743 – 40 Oaks Farm Rd (Ark Rd – Standard Reed)(Mill, Patch and Overlay) State Project No. H.011783 – Parker Rd (Moore Rd – Garrett Rd)(Mill, Patch and Overlay) State Project No. H.013796 – Tanglewood Drive (La 15 – Dellwood Dr.)(Reconstruction) State Project No. H.013798 – Harrell Road (US 80 – Arkansas Rd)(Mill, Patch and Overlay) State Project No. H.013803 – Richwood Road No. 2 (US 165 – Brown Street)(Partial Reconstruction, Partial Mill, Patch and Overlay) 			

FIRM EMPLOYED BY Lazenby & Associates, Inc.	
NAME	James Ryan Spillers, PE <i>Continued Resume</i>
02/18 – Present	STATE PROJECT NO. H.007300: Kansas Lane – Garrett Road Connector and I-20 Improvements, Ouachita Parish. Mr. Spillers prepared preliminary roadway plans and is nearly complete with final roadway plans for the widening of a section of Garrett Road to a four-lane arterial route with five multi-lane roundabouts. The project includes ramp modifications of the I-20/Garrett Road interchange, a new overpass structure over I-20, and a new overpass structure over Millhaven Road (LA 594) and the adjacent KCS railroad tracks, as well as lighting and traffic signal work. The project also includes design and development of subsurface drainage plans to improve drainage within the project area. Final plans for this project are currently 98% complete.
08/22 – 12/24	US 165 TURN LANES AT SCOTT DRIVE: Ouachita Parish. Mr. Spillers was responsible for preparing roadway plans and contract documents for this project, which consisted of adding a left and right turn lane on US 165 and traffic signal modifications at Scott Drive in Sterlington, Louisiana. This project was being funded by LDOTD through Ouachita Parish School Board.
08/23 – present	<p>STATE CONTRACT NO. 4400025025, DISTRICT 05: IJIA Off-System Bridge Replacement Program. Mr. Spillers is in responsible charge of hydraulic analysis and the development of preliminary roadway plans for ten (10) off-system bridge projects in LDOTD District 05 under this contract. He is also providing QA-QC reviews of bridge plans. The projects included in this contract are as follows:</p> <p>State Project No. H.015337 – Mineral Springs Road Over Clark Creek, Ouachita Parish State Project No. H.015453 – Hale Road Over Alligator Bayou, West Carroll Parish State Project No. H.015454 – Keppler Creek Road Over Sugar Creek, Jackson Parish State Project No. H.015455 – Spring Creek Road Over Wafer Creek, Lincoln Parish State Project No. H.015456 – Hodge Road Over Cypress Bayou, Madison Parish State Project No. H.015459 – Lapine Road Over Rogers Creek, Ouachita Parish State Project No. H.015460 – Little Road Over Creek, Rapides Parish State Project No. H.015461 – Fire Tower Road Over Rock Creek, Union Parish State Project No. H.015462 – Pilgrims Rest Church Road Over Steep Bank Creek, Union Parish State Project No. H.015463 – White Oak Landing Over Edmonds Creek, Union Parish</p> <p>Most of these projects have reached the final preliminary plan stage and are awaiting environmental clearance.</p>
10/24 – present	STATE PROJECT NO. H.0098735: LA 64: Roundabout @ LA 1019. Mr. Spillers is in responsible charge of the development of roadway plans for a proposed roundabout on LA 64 in Livingston Parish. This project began as an in-house project at DOTD, where it reached the 30% preliminary plan stage, but was ultimately issued as a task order to DOTD Contract 4400026026 (IDIQ Contract for Roadway Design Safety). Mr. Spillers has provided a proposed geometric layout, which has been accepted by DOTD with no comments, and is currently in responsible charge of drainage design as well as the development of a 3D model of the roundabout and proposed roadway approaches as plans are progressing to the 60% preliminary plan stage.

FIRM EMPLOYED BY Lazenby & Associates, Inc.				
NAME	Noah Sampognaro, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	4
TITLE	Project Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	0
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2020 / Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		49838 / Louisiana / 09-30-2025		
YEAR REGISTERED	2025	DISCIPLINE	Civil Engineer	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Road Design, Topographic Survey		
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><i>Mr. Sampognaro has 2 years of experience in performing drainage design, hydraulic analysis, roadway design, and preparation of roadway plans on a variety of LDOTD and local roadway projects. Mr. Sampognaro passed his P.E. Civil Transportation exam in October 2022 and is currently enrolled in the University of Wyoming Cadastral Surveying Certificate Program. Mr. Sampognaro is familiar with the LDOTD Roadway Design Procedure and Details Manual and the LDOTD Hydraulics Manual, as well as AASHTO design standards for roadway design. Mr. Sampognaro also assists in processing topographic survey and mobile LIDAR data, creating survey centerline alignments (ALG's) using horizontal regression analysis, developing digital terrain models (DTM's), and producing existing drainage maps for LDOTD topographic surveys. Mr. Sampognaro has successfully completed the following continuing education classes, workshops, and seminars: TOPO Dot User Conference, 2022; One-Dimensional Modeling of River Encroachments with HEC-RAS Class, 2022; LA Specific Traffic Control Technician Course, 2022; LA Specific Traffic Control Supervision Course, 2022.</i></p>			
01/21 – 06/21	<p>GUARD RAIL REPLACEMENT (LOOP RD., PECANLAND MALL, AND PLUM ST.): Ouachita Parish. This project consisted of the replacement of guard rail at three (3) sites in the City of Monroe. Mr. Sampognaro assisted with calculating length of need for guard rail on the Loop Road site, and assisted with construction support by assisting with the final inspection and verifying pay quantities.</p>			
08/21-11/22	<p>NORTH FRONTAGE ROAD – PHASE 2: Ouachita Parish. Mr. Sampognaro assisted in the development of roadway plans, including performing drainage design calculations and developing existing and design drainage maps. Mr. Sampognaro also assisted with quantity calculations and preparation of a construction cost estimate. This project, which was prepared for the City of Monroe I-20 Economic Development District, consists of a 0.6-mile frontage road on new alignment north of Interstate 20, east of Garrett Road, in Monroe, Louisiana. Mr. Sampognaro also assisted in construction support activities, including, but not limited to, site visits to address contractor RFI's, assisting in processing pay estimates and change orders, and assisting with the final inspection and preparation of a punch list.</p>			
01/21 – 06/22	<p>STATE CONTRACT NO. 4400015236: Retainer Contract for Professional Surveying Services – Statewide. This retainer contract consisted of fifteen task orders to perform topographic surveys for various projects across Louisiana. Mr. Sampognaro assisted in post-processing topographic survey data which was collected with the use of GPS receivers, robotic total stations, and SX-10 terrestrial scanners, as well as using TOPO Dot software to extract data collected with a terrestrial mobile lidar scanner. His duties also included creating survey centerline alignments (ALG's) and associated reports using horizontal regression analysis, developing existing digital terrain models (DTMs), and producing existing drainage maps. Some of the task orders on which Mr. Sampognaro has assisted include the following:</p> <ul style="list-style-type: none"> State Project No. H.011706.5 – BNSF Several RR Xings (Baldwin) in St. Mary Parish (01/2021-08/2021) State Project No. H.012032.5 – LA 2: Bridges Near Mer Rouge, Route LA 2 in Morehouse and West Carroll Parishes (02/2021-04/2021) State Project No. H.008220.5 – LA 406 @ F.E. Hebert Roundabout, Route LA 406 in Plaquemines Parish (03/2021-07/2021) State Project No. H.012541.5 – LA 594: Overpass I-20, Route 594 in Ouachita Parish (01/2022-06/2022) State Project No. H.014646.5 – I-20: US 165 – E. of Garrett Road, Route I-20 in Ouachita Parish (08/2021-01/2022) 			
01/21 – Present	<p>STATE PROJECT NO. H.007300: Kansas Lane – Garrett Road Connector and I-20 Improvements, Ouachita Parish. Mr. Sampognaro has assisted with quantity calculations during final plan development, as well as assisting with preparation of a construction cost estimate. This urban project includes five multilane roundabouts and interstate ramp modifications. The final plans are currently 98% complete.</p>			


FIRM EMPLOYED BY **Lazenby & Associates, Inc.**


NAME	Noah Sampognaro, PE <i>Continued Resume</i>
01/22 – 1/23	STATE PROJECT NO. H.015052: I-20: I-20 Widening/Overlay (Vancil Rd to LA 34). This project consisted of performing a complete topographic survey along I-20 from the Well Road Interchange to the LA 34 (Stella Mill St) Interchange in Ouachita Parish. It also included portions of Well Road, Downing Pines Road, Thomas Road, and LA 34 (Stella Mill St) for a total cumulative length of 25,625 ft (4.85 miles). Data was collected using GPS receivers, robotic total stations, SX-10 terrestrial scanners, and a terrestrial mobile LIDAR scanner. Mr. Sampognaro assisted in post processing the survey data, extracting mobile LIDAR data using TOPO Dot software, and creating the existing drainage map. He also assisted in quality control measures by comparing field data collected by the survey crew to LDOTD as-built drawings.
01/21 – Present	OUACHITA PARISH POLICE JURY ROAD PROGRAM: Mr. Sampognaro has assisted with the Ouachita Parish Police Jury Road Program. His duties consist of developing pavement preservation roadway plans, including design of cross drain structures, superelevation correction calculations, and quantity calculations, to preserve and extend the life of Ouachita Parish roadways, some of which are constructed under the DOTD Urban Systems program. Some of the Ouachita Parish Urban Systems projects on which Mr. Sampognaro has assisted include the following: State Project No. H.013805 – Finks Hide-A-Way Road (Mill, Patch and Overlay and includes a segment of Reconstruction) State Project No. H.014397 – Rowland Road (Mill, Patch and Overlay) State Project No. H.014398 – Caples Road (Mill, Patch and Overlay)
06/21 - Present	CITY OF MONROE, LOUISIANA ROADWAYS: Mr. Sampognaro has assisted with City of Monroe roadways designed under the LDOTD Urban Systems program. His duties consist of developing pavement preservation roadway plans, including hydraulic design, quantity calculations, and construction cost estimates. Some of the City of Monroe Urban Systems projects on which Mr. Sampognaro has assisted include the following: State Project No. H.014347 – South Grand Street (Mill, Patch and Overlay) State Project No. H.014348 – Lee Avenue (Mill, Patch and Overlay) Mr. Sampognaro is currently assisting with construction support activities by field marking and verifying required areas of pavement patching.
08/22 – 12/24	US 165 TURN LANES AT SCOTT DRIVE: Ouachita Parish. Mr. Sampognaro assisted in the development of roadway plans and processing the topographic survey data, including creating the existing digital terrain model (DTM), drainage design, and quantity calculations. This project, which was prepared for the Ouachita Parish School board, consisted of adding a left and right turn lane on US 165 and traffic signal modifications at Scott Drive in Sterlington Louisiana.

FIRM EMPLOYED BY Lazenby & Associates, Inc.			
NAME	James Ellingburg, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Project Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2008 / Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		37236 / Louisiana / 09-30-2026	
YEAR REGISTERED	2012	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Road Design, Topographic Survey	
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><i>Mr. Ellingburg has over 14 years of experience in developing roadway plans on both LDOTD and local roadway projects. Mr. Ellingburg is familiar with the LDOTD Roadway Design Procedure and Details Manual and the LDOTD Hydraulics Manual, as well as AASHTO design standards for roadway design. Mr. Ellingburg has assisted in hydraulic analysis and design, as well as roadway design and preparation of roadway plans, on a variety of roadway projects. Mr. Ellingburg has successfully completed the following continuing education classes, workshops, and seminars: LA Specific Traffic Control Technician Course, 2024 (refresher); LA Specific Traffic Control Supervisor Course, 2024 (refresher); Designing Streets for Pedestrians and Bicyclists Workshop, 2016; Highway Safety Manual Workshop, 2016; Roundabout Design Workshop, 2013; Traffic Engineering Analysis Process & Report Class Module 1, 2 & 3, 2021; One-Dimensional Modeling of River Encroachments with HEC-RAS Class, 2022</i></p>		
05/08 – 06/15	<p>STATE PROJECT NO. H.002622: Arkansas Road (LA 616), Ouachita Parish. Mr. Ellingburg initially served as an engineering technician, checking the topographic survey in the field for accuracy. Mr. Ellingburg then served as a project staff engineer, assisting the project engineer with development of existing drainage maps, drainage design maps, utility adjustments, and developing roadway plans. Mr. Ellingburg also assisted with roundabout designs, and sequence of construction in both Preliminary and Final plan development. This project consisted of widening a 3.2-mile portion of LA 616 from a two-lane section to a five-lane urban roadway, and included four multi-lane roundabouts that required extensive geometric design and graphical grade development in order to meet AASHTO and LDOTD standards and requirements for safety. Once the project was let for construction, Mr. Ellingburg provided construction support on an as-needed basis by answering field questions from the contractor or LDOTD.</p>		
12/10 – 10/12	<p>STATE PROJECT NO. H.003854: Bossier North-South Corridor Roadway and Bridges (I-220/Swan Lake Road Interchange to Crouch Road), Bossier Parish. Mr. Ellingburg served as a project staff engineer, working on development of existing drainage maps, design drainage maps, roadway drainage plans, and assisting with roadway and bridge design and plan development for both Preliminary and Final plans. This project consisted of reconstruction and realignment of a 3.7-mile section of Swan Lake Road and construction of a new 4.2 mile roadway connecting Swan Lake Road and Crouch Road. The southern portion of the project contains an urban three-lane section, while the northern segment is a rural, two-lane roadway. There are three bridge sites on the project.</p>		
11/11 – 01/12	<p>STATE PROJECT NO. H.004684: El Camino East/West Corridor, Route LA 6, Natchitoches Parish. Mr. Ellingburg served as a project staff engineer, developing existing drainage maps for a LDOTD Topographic Survey.</p>		
09/17 – Present	<p>STATE PROJECT NOS. H.004774 & H.007300: Kansas Lane – Garrett Road Connector and I-20 Improvements, Ouachita Parish. Mr. Ellingburg served as a project staff engineer, assisting with generating topographic survey deliverables, developing existing drainage maps for the topographic survey portion of the project. During the design and plan preparation portion of the project, Mr. Ellingburg has performed drainage design, developed design drainage maps, and assisted with design of five multi-lane roundabouts, developing graphical grades and assisting with geometric design and sequence of construction. This urban project includes five multilane roundabouts and interstate ramp modifications that required extensive geometrics and graphical grades in order to meet AASHTO and LDOTD standards and requirements for safety. The final plans are currently 98% complete.</p>		

FIRM EMPLOYED BY **Lazenby & Associates, Inc.**NAME **James Ellingburg, PE***Continued Resume*


01/17 – Present	<p>OUACHITA PARISH POLICE JURY ROAD PROGRAM: Mr. Ellingburg is an integral team member of the Ouachita Parish Police Jury Road Program. His duties consist of evaluating parish roadways and developing pavement preservation construction plans, including drainage design, to preserve and extend the life of Ouachita Parish roadways, some of which are designed and constructed under the LDOTD Urban Systems program. Mr. Ellingburg has also served as project engineer during construction, ensuring that the projects are built in accordance with the plans and specifications. Some of the Ouachita Parish Urban System projects that Mr. Ellingburg has provided professional services, including serving as the project engineer during construction, include the following:</p> <ul style="list-style-type: none"> State Project No. H.011747 – Edwards Road (Reconstruction) State Project No. H.013796 – Tanglewood Drive (Reconstruction) State Project No. H.013802 – Garrett Road (Mill, Patch and Overlay) State Project No. H.013803 – Richwood Road No. 2 (Mill, Patch and Overlay) State Project No. H.013804 – Wall Williams Road (Mill, Patch and Overlay and includes a segment of Reconstruction) State Project No. H.013805 – Finks Hide-A-Way Road (Mill, Patch and Overlay and includes a segment of Reconstruction) State Project No. H.014398 – Caples Road (Mill, Patch and Overlay)
11/22 – Present	<p>STATE PROJECT NO. H.007289: Kansas Ln Ext (Old Sterl.-US165) Phase 1, Ouachita Parish. Mr. Ellingburg is serving as the project engineer during construction of this project, ensuring that the project is built in accordance with the plans and specifications, coordinating testing to ensure compliance with LDOTD Material Sampling Manual, and coordinating construction activities with utility companies and railroad personnel to keep the project on schedule.</p>

FIRM EMPLOYED BY Lazenby & Associates, Inc.				
NAME	Hagan Lawrence, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	7
TITLE	Project Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	2
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2015 / Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		43645 / Louisiana / 03-31-2026		
YEAR REGISTERED	2019	DISCIPLINE	Civil Engineer	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Road Design		
EXPERIENCE DATES (MM/YY–MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., “DESIGNED DRAINAGE”, “DESIGNED GIRDERS”, “DESIGNED INTERSECTION”, ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).			
	<p><i>Mr. Lawrence has 8 years of experience in performing drainage design, hydraulic analysis, and development of roadway plans on both LDOTD and local roadway projects. Mr. Lawrence is familiar with the LDOTD Roadway Design Procedure and Details Manual and the LDOTD Hydraulics Manual, as well as AASHTO design standards for roadway design. Mr. Lawrence has assisted in hydraulic analysis and design, as well as roadway design and preparation of roadway plans, on a variety of roadway projects. Mr. Lawrence has successfully completed the following continuing education classes, workshops, and seminars: LA Specific Traffic Control Technician Course, 2024 (refresher); LA Specific Traffic Control Supervisor Course, 2024 (refresher); Traffic Engineering Analysis Process & Report Class Module 1, 2 & 3, 2021; One-Dimensional Modeling of River Encroachments with HEC-RAS Class, 2022</i></p>			
1/16 – 8/17	<p>STATE PROJECT NO. H010287: Well Road Roundabout, Ouachita Parish. Mr. Lawrence Assisted with drainage design, preparation of roadway plans, and quantity calculations (with previous employer). This project involved the construction of a roundabout at the I-20 westbound ramp terminal with Well Road.</p>			
02/18 – Present	<p>STATE PROJECT NO. H.007300: Kansas Lane – Garrett Road Connector and I-20 Improvements, Ouachita Parish. Mr. Lawrence has assisted with subsurface drainage design and assisted with development of drainage plan-profile sheets and design drainage maps. This urban project includes five multilane roundabouts and interstate ramp modifications. The final plans are currently 98% complete.</p>			
12/17 – Present	<p>OUACHITA PARISH POLICE JURY ROAD PROGRAM: Mr. Lawrence is an integral team member of the Ouachita Parish Police Jury Road Program. His duties consist of developing pavement preservation roadway plans, including drainage design, to preserve and extend the life of Ouachita Parish roadways, some of which are constructed under the DOTD Urban Systems program. Mr. Lawrence has also assisted with processing of topographic survey data, as well as coordinating utility relocation efforts as required to facilitate construction of these projects. Some of the Ouachita Parish Urban Systems projects that Mr. Lawrence has provided professional services on include the following:</p> <ul style="list-style-type: none"> State Project No. H.011745 – Sandal Street (Reconstruction) State Project No. H.011784 – Stubbs-Vinson Road (Mill, Patch and Overlay) (Project included 8' x 8' RCB) State Project No. H.013791 – Hadley Street (Mill, Patch and Overlay and includes a segment of Reconstruction) State Project No. H.013776 – Well Road (Mill, Patch and Overlay) State Project No. H.013802 – Garrett Road (Mill, Patch and Overlay) State Project No. H.013804 – Wall Williams (Mill, Patch and Overlay) (Project included a 3 - 8' x 7' RCB) State Project No. H.013805 – Fink's Hideaway Road (Reconstruction/Mill, Patch and Overlay) State Project No. H.014347 – South Grand Street (Mill, Patch and Overlay) (Project included adding ADA compliant sidewalks along the length of the road to improve safety for pedestrians) State Project No. H.014348 – Lee Avenue (Mill, Patch and Overlay) (Project included adding ADA compliant sidewalks along the length of the road to improve safety for pedestrians) State Project No. H.014398 – Caples Road (Mill, Patch and Overlay) <p>Mr. Lawrence assists with construction support on these projects, including answering contractor RFI's and verifying patching areas.</p>			


FIRM EMPLOYED BY G.E.C., Inc.			
NAME	Jonathan Puls, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Senior Professional Civil Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1999 / Civil Engineering; B.S. / 2006 / Environmental Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		34739 / Louisiana / 09-30-2025	
YEAR REGISTERED	2009	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Drainage / Hydraulics	
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><i>Mr. Puls has experience with civil, environmental, and coastal engineering projects, having worked on a wide variety of projects ranging from ecosystem restoration, drought studies, permitting and compliance, non-point source runoff improvements, and construction management, including feasibility studies, environmental assessments, and environmental impact statements. He also has a background in natural stream design, cost estimating, risk analysis, incremental cost analysis, and network administration. He has worked with Corps Districts throughout the country including the New Orleans, San Francisco, and Jacksonville Districts.</i></p>		
07/24-Present	<p>44-25040 / I/JA OFF-SYSTEM BRIDGE PROGRAM, DISTRICT 61 LESS EBR: East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, and Assumption Parishes, LA. Hydrologic and Hydraulic Engineer - Mr. Puls performed hydrologic and hydraulic modeling to estimate stormwater discharge under hypothetical storm events and the resulting water surface elevations for both the existing and proposed bridge structures. Specific tasks included delineation of the drainage area, evaluation of watershed characteristics, and utilizing Global Mapper, HEC-HMS, HYDR2009, and HEC-RAS software to evaluate and model hydrologic and hydraulic conditions. Model results were utilized to determine if the proposed bridge design would increase water surface elevations for the specified design storm and potentially exceed the low cord of the proposed bridge deck elevation. During project development, Mr. Puls determined that a 2-D HEC-RAS model was required due to the confluence of two drainages near the upstream side of the bridge, thereby resulting in increased turbulence and complex hydraulics.</p>		
2019-2021	<p>PHASE II BRIDGE SCOUR ANALYSES: Multiple Parishes, LA. Project Manager and H&H Modeler - Mr. Puls served as project manager and H&H modeler while conducting Phase II Bridge Scour Analyses on 45 bridges within 23 Louisiana Parishes. For each bridge, Mr. Puls evaluated survey data, developed H&H models with HEC-HMS and HEC-RAS, developed and submitted draft and final Phase II Scour reports, and coordinated with BDI and LADOTD. Each Phase II Scour report included a summary of modeling methods and provided results and scour category recommendations, based on the LADOTD Hydraulics Manual. When necessary, Mr. Puls conducted site visits and coordinated with survey teams to obtain needed project data. Mr. Puls evaluated each bridge by developing watershed characteristics, calculating steady state peak discharges, and estimating scour potential for applicable design storms.</p>		
03/22-Present	<p>44-04128, H.004273.5 / I-49 CONNECTOR (LAFAYETTE REGIONAL AIRPORT TO I-10/I-49/US 167 INTERCHANGE): Lafayette, LA. Project Engineer - Mr. Puls developed and currently maintains the project schedule for the design phase of the I-49 Connector project in Lafayette. The project schedule is managed in Microsoft Project for over 500 individual tasks and 15 task categories. Mr. Puls continually evaluates and updates the schedule by tracking the progress and completion of tasks and coordinating with task leaders. Mr. Puls also evaluates the critical path to identify tasks causing schedule slippage and coordinates with the responsible parties. He presents the status of project tasks and overall schedule during weekly meetings with LADOTD management. Mr. Puls also evaluated floodplain impacts within rights-of-way required for the I-49 Connector in Lafayette. Working closely with project designers, he compared existing and proposed project features located within the 100-year floodplain to identify areas where floodplains would be impacted. The quantified findings and evaluation methods were presented for inclusion in SEIS documentation.</p>		
09/20-Present	<p>H.004100 / I-10, LA 415 TO ESSEN LANE ON I-10 AND I-12: Baton Rouge, Louisiana. Project Engineer - Mr. Puls assists with development and annual updates of the Project Management Plan (PMP), Initial Financial Plan (IFP), and Project Implementation Plan (PIP). This includes coordinating with project managers at LADOTD and GEC to provide updated budget projections, timelines, and project management documentation.</p>		

FIRM EMPLOYED BY La Terre Engineering LLC				
NAME	Seneca Toussant, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	4
TITLE	Principal/Civil Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	20
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1999 / Biological Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		36080 / Louisiana / 09-30-2025		
YEAR REGISTERED	2011	DISCIPLINE	Civil Engineer	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Drainage		
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).			
24 years of experience	<i>Seneca Toussant has almost 25 years of civil engineering experience including roadways, water and wastewater treatment, drainage and utilities, as well as traffic control and signage matters. Mr. Toussant has successfully completed construction management, contract administration, inspection, and documentation for projects with construction budgets as small as \$50K to larger and more complex improvements of up to \$20M.</i>			
3/24– Ongoing	BATON ROUGE METROPOLITAN AIRPORT TAXIWAY F RECONSTRUCTION, NO. 22-ES-BTR-012: Baton Rouge, LA. Project Engineer– Mr. Toussant is lead civil engineer responsible for the drainage improvements required for the Baton Rouge Metropolitan Airport Taxiway F Reconstruction project. The project will widen and reconstruct the existing segment of Taxiway F and includes subsurface drainage improvements. The drainage design will be analyzed as per FAA AC 150/5320-5D Airport Drainage Design.			
9/23 – 11/24	CP PROJECT NO. 23-EN-HC-0016 HUNDRED OAKS AVE. SIDEWALKS: Baton Rouge, LA. Project Engineer-Mr. Toussant was the engineer responsible for site evaluations, civil engineering design, plan preparation and cost estimates to address rehabilitation, walkability and ADA accessibility for the Hundred Oaks Sidewalk Project in Baton Rouge.			
6/20-12/22	MOVEBR CAPACITY PROGRAM MANAGEMENT: Baton Rouge, LA. Project Manager-Mr. Toussant served as project manager for specialty contracts for the MoveBR Capacity program management team. He was responsible for the specialty contracts program which include environmental services, geotechnical services, surveying, lighting design and landscaping services. His responsibilities included coordination meetings, project reporting, stakeholder engagement and outreach, preparing project scopes, soliciting proposals, contract negotiations, submittal coordination and submittal reviews.			
6/20 - 9/20	CITY OF NEW ORLEANS: RR119 MARLYVILLE-FONTAINEBLEAU GROUP D (FRC): New Orleans, LA. Civil Engineer-Mr. Toussant was responsible for the preparation of preliminary plans for Colapissa Street and Nelson Street for the Marlyville-Fontainebleau Group D Project. He prepared typical sections and plan and profile sheets for the roadway reconstruction.			
6/20-9/20	CITY OF NEW ORLEANS: RR119 MARLYVILLE-FONTAINEBLEAU GROUP F (FRC): New Orleans, LA.-Project Engineer. Mr. Toussant was responsible for the preparation of preliminary plans for Vincennes place for the Marlyville-Fontainebleau group f project. he prepared typical sections and plan and profile sheets for the roadway reconstruction which included upgrades to existing subsurface drainage and inlets in accordance with the LADOTD hydraulics manual.			
03/17 - 08/17	FALGOUT CANAL ROAD RESTORATION : Dulac, LA. Project Manager/Lead Civil Engineer-Mr. Toussant prepared the alternative study, preliminary and final construction plans following DOTD design guidelines for improvements, and restoration of Falgout Canal Road due to extensive settling and pavement deterioration due. He was responsible for the preparation of construction documents for roadway repairs, elevation adjustments and overlay in accordance with LADOTD specifications, standards, and guidelines. Mr. Toussant performed construction administration including biweekly site visits, the review of pay applications, submittals and RFI's, progress meeting between contractor and owner, reviewed and monitored all required field testing, project final acceptance and project closeout.			
3/07 – 8/08	S.P. NO. 817-41-0014, CP PROJECT NO. 06-CS-HC-0029: SOUTH HARRELL'S FERRY ROAD IMPROVEMENTS: Baton Rouge, LA. Project Engineer-Mr. Toussant was responsible for the horizontal and vertical alignments designs for portions of the project and the subsurface drainage design which was completed utilizing the LADOTD hydraulics software.			

FIRM EMPLOYED BY La Terre Engineering LLC			
NAME	Lyle Tynes, EI		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Civil Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2020 / Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		35128 / Louisiana / 09-30-2026	
YEAR REGISTERED	2022	DISCIPLINE	Engineer Intern
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Drainage	
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).		
4.5 years of experience	<i>Mr. Tynes is a graduate of Louisiana State University in Civil Engineering and his experience includes roadway and drainage design, preparing design and construction documents for a wide range of projects. Mr. Tynes is proficient in using AutoCAD Civil 3D program and his experience includes compiling specification packages for a wide range of projects, preparing drawings and other construction documents, and coordinating with clients. At LTE, Mr. Tynes routinely performs hydrology calculations, creates stormwater-related reports including H&H studies and Stormwater Pollution Prevention Plans (SWPPP).</i>		
3/24– Ongoing	BATON ROUGE METROPOLITAN AIRPORT TAXIWAY F RECONSTRUCTION: Baton Rouge, LA. Project Engineer-Mr. Tynes is design civil engineer responsible for the drainage improvements required for the Baton Rouge Metropolitan Airport Taxiway F Reconstruction project. The project will widen and reconstruct the existing segment of Taxiway F and includes subsurface drainage improvements. The drainage design will be analyzed as per FAA AC 150/5320-5D Airport Drainage Design.		
9/23 – 11/24	CP PROJECT NO. 23-EN-HC-0016 HUNDRED OAKS AVE. SIDEWALKS: Baton Rouge, LA. Project Engineer-Mr. Tynes was the engineer responsible for site evaluations, civil engineering design, plan preparation and cost estimates to address walkability and ADA accessibility for the Hundred Oaks Sidewalk Project in Baton Rouge.		
5/24 – Ongoing	BREC MULTIPLE PARK PAVING PROJECT: Baton Rouge, LA. Project Engineer-Mr. Tynes is responsible for the preparation of construction documents for the pavement rehabilitation at three BREC facilities, including the Lovett Road park entrance drive and parking, the Howell Community Park access drive and the Anna T. Jordan access road and parking areas.. His responsibilities include civil engineering design, plan preparation and cost estimates.		
8/21-12/22	MOVEBR CAPACITY MANAGEMENT PROGRAM: Baton Rouge, LA. Project Engineer-Mr. Tynes provided drafting and permit drawing support for required USACE permitting for roadway improvement projects as part of the capacity management program for the City of Baton Rouge's MoveBR Capacity Program.		
3/24-Ongoing	SHARP ROAD (FLORIDA BLVD TO OLD HAMMOND HWY) : Baton Rouge, LA. Project Engineer-Mr. Tynes is providing roadway design services including existing and proposed drainage maps, subsurface drainage design and preparation of preliminary and final plans, including typical sections and plan and profile sheets.		
1/23 – 5/24	NORTH BOULEVARD AREA ADA TRANSITION PROJECT: Baton Rouge, LA. Project Engineer-Mr. Tynes was the engineer responsible for site evaluations, civil engineering design, plan preparation and cost estimates to address walkability and ADA accessibility along North Boulevard in downtown Baton Rouge.		
1/23 – 4/24	SOUTH BOULEVARD AREA ADA TRANSITION PROJECT: Baton Rouge, LA. Project Engineer-Mr. Tynes was the engineer responsible for site evaluations, civil engineering design, plan preparation and cost estimates to address walkability and ADA accessibility along South Boulevard in downtown Baton Rouge.		


FIRM EMPLOYED BY Lazenby & Associates, Inc.			
NAME	Ronald Riggin, II, PE, PLS		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Project Surveyor		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2006 / Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		5119 / Louisiana / 03-31-2025 36016 / Louisiana / 03-31-2025	
YEAR REGISTERED	2014 2011	DISCIPLINE	Professional Land Surveyor Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Topographic Survey	
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><i>Mr. Riggin is familiar with the requirements of the LDOTD Location and Survey Section for conducting topographic surveys, property surveys and hydrographic surveys. Mr. Riggin is responsible for quality control of all survey data obtained by survey crews in conducting topographic surveys, property surveys, and hydrographic surveys. Mr. Riggin has over five (5) years of experience in conducting and performing topographic surveys, property surveys, and developing right-of-way maps. Mr. Riggin has successfully completed following continuing education classes, workshops, and seminars: LA Specific Traffic Control Technician Course, 2024 (refresher); LA Specific Traffic Control Supervisor Course, 2024 (refresher); ATSSA Course for Traffic Flagger, 2024. On this project, Mr. Riggin meets the MPR Requirement No. 4.</i></p>		
07/14 – 06/16	RETAINER CONTRACT NO. 4400003471 – RETAINER CONTRACT FOR PROFESSIONAL SURVEYING SERVICES – STATEWIDE: Project Surveyor responsible for coordination and supervision of survey field crews performing topographic surveys and property surveys on 14 Task Orders for an accumulated value of \$436,473.00 for LDOTD State Projects at various locations in northern Louisiana.		
10/14 – 06/17	RETAINER CONTRACT NO. 4400004541 – RETAINER CONTRACT FOR PROFESSIONAL SURVEYING SERVICES – STATEWIDE: Project Surveyor responsible for coordination and supervision of survey field crews performing topographic surveys and property surveys on 8 Task Orders for an accumulated value of \$811,513.00 for LDOTD State Projects at various locations in Louisiana.		
04/13 – 06/16	PROJECT SURVEYOR FOR CONTRACT NO. 4400002862, S.P. # H.008768 – HYDROGRAPHIC SURVEY MONITORING OF EXISTING BRIDGES – STATEWIDE (NORTH REGION): Performed hydrographic surveys on 14 Task Orders for monitoring scour at major bridge sites in north Louisiana. Duties included supervision of survey crews, analysis of survey data, and the development of required hydrographic survey reports at the various bridge locations.		
04/14 – Present	PROFESSIONAL SURVEYOR OF RECORD: for developing topographic surveys and Property Surveys for private clients on residential developments and commercial developments in Ouachita Parish and northern Louisiana. Professional Engineer of Record for the overall design of residential and commercial developments.		
03/15 – 08/17	STATE PROJECT NO. H.011742: Ole Highway 15 Improvements, Ouachita Parish. Mr. Riggin performed a topographic survey of a 2.2-mile section of Ole Hwy 15 from US 80 to LA 616 and then was the project engineer responsible for roadway design. This project consisted of pavement reconstruction under the DOTD Urban Systems program. (Note that we typically perform a full topo survey, within existing right-of-way, on pavement preservation projects on Ouachita Parish roadways. This is not typically done for LDOTD on-system pavement preservation projects.)		
05/16 – 02/18	PROJECT SURVEYOR ON THE STEEP BAYOU SEWER MAIN PROJECT OF THE WEST OUACHITA SEWERAGE DISTRICT NO. 5: Mr. Riggin performed a topographic survey of the alignment for a sewer main trunk line from I-20 to New Natchitoches Road along Steep Bayou in Ouachita Parish. He also conducted a boundary survey of the right-of-way parcels along this route and developed the necessary ROW maps and legal descriptions.		
09/18 – 01/23	RETAINER CONTRACT NO. 4400012668: Retainer Contract for Professional Surveying Services – Statewide (North Region). Performed hydrographic surveys on major bridge structures in northern Louisiana for monitoring channel scour. Duties included supervision of field crews, analysis of survey data and development of required hydrographic survey reports at the various bridge locations for submission to the LDOTD.		

FIRM EMPLOYED BY Lazenby & Associates, Inc.	
NAME	Ronald Riggin, II, PE, PLS <i>Continued Resume</i>
06/18 – 09/18	STATE PROJECT NO. H.013776, WELL ROAD, OUACHITA PARISH: Mr. Riggin was responsible for supervision and scheduling of field survey crews, analysis of survey data, and development of field roll for use in project design. This project consisted of a mill, patch, and overlay of a 0.8-mile segment of Well Road from LA 838 to I-20 under the DOTD Urban Systems program.
08/18 – 11/18	STATE PROJECT NO. H.013798: Harrell Road, Ouachita Parish. Mr. Riggin was responsible for supervision and scheduling of field survey crews, analysis of survey data, and development of field roll for use in project design. This project consisted of a mill, patch, and overlay of a 1.8-mile segment of roadway from US 80 to LA 616 under the DOTD Urban Systems program.
12/18 – 02/19	STATE PROJECT NO. H.013802: Garrett Road, Ouachita Parish. Mr. Riggin was responsible for supervision and scheduling of field survey crews, analysis of survey data, and development of field roll for use in project design. This project consisted of a mill, patch, and overlay of a 0.4-mile segment of roadway from LA 15 to Austin Street under the DOTD Urban Systems program.
01/19 – 04/19	STATE PROJECT NO. H.013804: Wall Williams Road, Ouachita Parish. Mr. Riggin was responsible for supervision and scheduling of field survey crews, analysis of survey data, and development of field roll for use in project design. This project consisted of segments of mill, patch, and overlay and segments of reconstruction of a 1.6-mile segment of roadway from Good Hope Road to LA 143 under the DOTD Urban Systems program.
04/19 – 07/19	STATE PROJECT NO. H.014348: Lee Avenue, City of Monroe, Ouachita Parish. Mr. Riggin was responsible for supervision and scheduling of field survey crews, analysis of survey data, and development of field roll for use in project design. This project consisted of a mill, patch, and overlay of a 1.2-mile segment of roadway from Jackson Street to Standifer Avenue under the DOTD Urban Systems program.
07/19 – 09/19	STATE PROJECT NO. H.013796: Tanglewood Drive, Ouachita Parish. Mr. Riggin was responsible for supervision and scheduling of field survey crews, analysis of survey data, and development of field roll for use in project design. This project consisted of roadway reconstruction a 0.3-mile segment of roadway from LA 15 to Dellwood Drive under the DOTD Urban Systems program.
02/20 – 04/20	STATE PROJECT NO. H.014347: South Grand Street, City of Monroe, Ouachita Parish. Mr. Riggin was responsible for supervision and scheduling of field survey crews, analysis of survey data, and development of field roll for use in project design. This project consisted of a mill, patch, and overlay of a 1.8-mile segment of roadway from Orange Street to Standifer Avenue under the DOTD Urban Systems program.
11/20 – Present	RETAINER CONTRACT NO. 4400019714: Retainer Contract for Professional Surveying Services – Statewide (North Region). Performing hydrographic surveys on major bridge structures in northern Louisiana for monitoring channel scour. Duties include supervision of field crews, analysis of survey data and development of required hydrographic survey reports at the various bridge locations for submission to the LDOTD.
01/17 – 01/20	RETAINER CONTRACT NO. 4400009384: Retainer Contract for Professional Surveying Services – Statewide. Project Surveyor responsible for coordination and supervision of survey field crews performing topographic surveys and property surveys on 14 Task Orders for an accumulated value of \$989,478 for LDOTD State Projects at various locations in Louisiana.
10/19 – 02/24	RETAINER CONTRACT NO. 4400015326: Retainer Contract for Professional Surveying Services – Statewide. Project Surveyor responsible for coordination and supervision of survey field crews performing topographic surveys and property surveys at various locations in Louisiana. A total of 17 Task Orders were issued for an accumulated value of \$1,858,496.
01/20 – Present	RETAINER CONTRACT NO. 4400017710: Retainer Contract for Professional Surveying Services – Statewide. Project Surveyor responsible for coordination and supervision of survey field crews performing topographic surveys and property surveys at various locations in Louisiana. To date, 2 Task Order has been completed for a value of \$492,689.

FIRM EMPLOYED BY Lazenby & Associates, Inc.			
NAME	Paul D. Fryer, PE, PLS		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Senior Vice-President		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1984 / Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		4806 / Louisiana / 09-30-2025 23426 / Louisiana / 09-30-2025	
YEAR REGISTERED	1987 1997	DISCIPLINE	Professional Land Surveyor Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Topographic Survey	
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><i>Mr. Fryer has over 38 years of experience in planning, surveying, designing, inspecting, and construction administration of transportation facilities. Mr. Fryer is familiar with LDOTD and AASHTO design standards for roadway design and plans development. Mr. Fryer has performed professional engineering and land surveying services on a variety of projects involving line and grade studies, major investment studies, location and Stage “O” studies as well as topographic surveys, property surveys, development of ROW maps. Mr. Fryer also has extensive experience in developing preliminary and final roadway plans on a variety of LDOTD projects, and has served in a QA-QC role on many different projects throughout his career. Mr. Fryer is familiar with the LDOTD Location and Survey Manual for conducting topographic surveys, property surveys and developing right-of-way maps. He has overseen the development of right-of-way maps for various LDOTD projects for over 20 years. Mr. Fryer has successfully completed the following continuing education classes, workshops, and seminars: LA Specific Traffic Control Technician Course, 2024 (refresher); LA Specific Traffic Control Supervisor Course, 2024 (refresher); National Environmental Policy Act (NEPA) and Transportation Decision Making</i></p>		
04/95 – 03/00	<p>STATE PROJECT NO. 043-01-0017: Dugdemona River and Relief Bridges, Jackson Parish. Mr. Fryer prepared preliminary and final roadway plans. This project consisted of the construction of two voided slab span bridges (main bridge and relief structure) and roadway approaches on new alignment.</p>		
11/95 – 06/00	<p>STATE PROJECT NO. 172-01-0011: Bayou DeGlaize Bridge, Morehouse Parish. Mr. Fryer prepared preliminary and final roadway and final roadway plans. This project consisted of the construction of a slab span bridge and roadway approaches on new alignment.</p>		
01/97 – 10/99	<p>STATE PROJECT NO. 026-05-0017: LA 15 (Sicily Island – Jct. LA 913), Catahoula Parish. Mr. Fryer was responsible for preparation of preliminary and final roadway and bridge plans. This project consisted of widening a 4.5-mile segment of LA 15 to four lanes as part of the LA TIMED Program.</p>		
01/04 – 05/07	<p>STATE PROJECT NO. 700-30-0061: US 167, Lillie to Arkansas State Line, Union Parish. Mr. Fryer served as project manager, roadway designer, and surveyor responsible for development of final roadway plans, and right-of-way maps. This project consisted of the conversion of a 7.2-mile section of a rural two-lane arterial route to a four-lane divided arterial route under the LA TIMED Program.</p>		
10/07 – 04/16	<p>STATE PROJECT NO. H.002622: Arkansas Road (LA 616), Ouachita Parish. Mr. Fryer served as project manager, was responsible for QA-QC of the plans, and was surveyor in charge of right-of-way maps. This project consisted of widening a 3.2-mile portion of LA 616 from a two-lane section to a five-lane urban roadway, and included four multi-lane roundabouts.</p>		
07/10 – 05/18	<p>STATE PROJECT NO. H.003854: Bossier North-South Corridor from Route I-220/Swan Lake Road Interchange to Crouch Road, Bossier Parish. Mr. Fryer served as project manager, was responsible for QA-QC of the plans, and was the surveyor in charge of right-of-way maps. This project consisted of reconstruction and realignment of a 3.7-mile section of Swan Lake Road and construction of a new 4.2-mile roadway connecting Swan Lake Road and Crouch Road. The southern portion of the project contains an urban three-lane section, while the northern segment is a rural, two-lane roadway. There are three bridge sites on this project.</p>		
11/10 – 05/13	<p>PROJECT SURVEYOR FOR CONTRACT NO. 4400000685: Retainer Contract for Professional Surveying Services - Statewide. This retainer contract authorized 23 task orders for topographic surveys, property surveys and ROW maps over a 3-year period.</p>		


FIRM EMPLOYED BY **Lazenby & Associates, Inc.**

NAME	Paul D. Fryer, PE, PLS <i>Continued Resume</i>
02/18 - Present	STATE PROJECT NO. H.007300: Kansas Lane – Garrett Road Connector and I-20 Improvements, Ouachita Parish. Mr. Fryer serves as project manager, is responsible for QA-QC of the roadway plans, and prepared right-of-way maps for the widening of a section of Garrett Road crossing I-20 and connecting to Kansas Lane north of Millhaven Road and the KCS Railroad track to a four-lane arterial route. This project includes the design of five-multi lane roundabouts as well as interstate highway ramp improvements and frontage road realignments and improvements. Final plans for this project are currently 98% complete.
05/08 – 05/12	STATE PROJECT NO. H.004780.5 – KANSAS LANE CONNECTOR (ROUTE US 80 TO ROUTE US 165) CITY OF MONROE URBAN SYSTEMS, OUACHITA PARISH: Mr. Fryer served as project manager and surveyor responsible for conducting property surveys, and developing right-of-way maps as a sub-consultant to Denmon Engineering Co., Inc. This project involves construction of a four-lane urban arterial route around the University of Louisiana at Monroe connecting US 80 on the south end and US 165 on the northern end.
03/08 – 04/11	PROJECT SURVEYOR ON CONTRACT NO. 4400000638: Retainer Contract for Professional Surveying Services – Statewide. This retainer contract authorized 15 task orders for topographic surveys, property surveys and ROW maps over a 3-year period.
11/11 – 01/15	PROJECT SURVEYOR ON CONTRACT NO. 4400001328: Retainer Contract For Professional Surveying Services – Statewide. This retainer contract authorized 25 task orders for topographic surveys, property surveys and ROW maps over a 3-year period.
03/18 – 03/23	PROJECT SURVEYOR ON CONTRACT NO. 4400012667: Retainer Contract For Professional Surveying Services – Statewide. This retainer contract authorized 25 task orders for topographic surveys, property surveys and ROW maps over a 5-year period.
08/22 – present	US 165 TURN LANES AT SCOTT DRIVE, OUACHITA PARISH: Mr. Fryer provided a QA-QC review of the roadway plans and contract documents for this project, which consists of adding a left and right turn lane on US 165 and traffic signal modifications at Scott Drive in Sterlington, Louisiana. This project is being funded by LDOTD through Ouachita Parish School Board. Construction of this project is substantially complete.
08/23 – present	STATE CONTRACT NO. 4400025025, DISTRICT 05: I/JA Off-System Bridge Replacement Program. Mr. Fryer is providing QA-QC reviews of the various plan submittals for ten (10) off-system bridge projects in LDOTD District 05 under this contract. The projects included in this contract are as follows: State Project No. H.015337 – Mineral Springs Road Over Clark Creek, Ouachita Parish State Project No. H.015453 – Hale Road Over Alligator Bayou, West Carroll Parish State Project No. H.015454 – Keppler Creek Road Over Sugar Creek, Jackson Parish State Project No. H.015455 – Spring Creek Road Over Wafer Creek, Lincoln Parish State Project No. H.015456 – Hodge Road Over Cypress Bayou, Madison Parish State Project No. H.015459 – Lapine Road Over Rogers Creek, Ouachita Parish State Project No. H.015460 – Little Road Over Creek, Rapides Parish State Project No. H.015461 – Fire Tower Road Over Rock Creek, Union Parish State Project No. H.015462 – Pilgrims Rest Church Road Over Steep Bank Creek, Union Parish State Project No. H.015463 – White Oak Landing Over Edmonds Creek, Union Parish Most of these projects have reached the final preliminary plan stage and are awaiting environmental clearance.

FIRM EMPLOYED BY Lazenby & Associates, Inc.			
NAME	Randy Hammons, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Project Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1993 / Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		29504 / Louisiana / 09-30-2025	
YEAR REGISTERED	2001	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Road Design, Topographic Survey	
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><i>Mr. Hammons has in excess of 25 years of experience in planning and designing highways and bridges on transportation projects in Louisiana, Arkansas, Mississippi, and Tennessee. Mr. Hammons has approximately 16 years of experience supervising and processing topographic survey data, including establishing survey control, calculating existing alignments, creating digital terrain models (DTM's), and developing existing drainage maps for LDOTD projects. Mr. Hammons highway bridge design experience has included the rehabilitation and structural design of superstructures composed of prestressed girder and slab spans, and substructures consisting of pile bents, multi-column bents, and spread footings. Experience has included use of the Bentley's ConSpan and RCPier for designing prestressed girders and concrete substructures. Mr. Hammons has successfully completed the following continuing education classes, workshops, and seminars: LA Specific Traffic Control Technician Course, 2024 (refresher); LA Specific Traffic Control Supervisor Course, 2024 (refresher)</i></p>		
01/10/2017 – 01/10/2020	<p>PROJECT ENGINEER: processing topographic survey field data and developing topographic survey maps and images for State Contract No. 4400009384: Retainer Contract for Professional Surveying Services – Statewide. This retainer contract contained six task orders to perform topographic surveys for various projects at a cost of \$989,478 over a 3-year time frame. Some of the task orders for Topographic Surveys were as follows:</p> <p>State Project No. H.003370.5 – I-220/I-20 Interchange and BAFB Access, Route I-220 & I-20 in Bossier Parish (04/2018 – 10/2018). Topographic survey of the proposed I-220/I-20 Interchange and BAFB Access roadway in Bossier Parish using GPS receivers, robotic total stations, SX-10 terrestrial scanner, and mobile lidar.</p> <p>State Project No. H.007300.5 & H004774.5 – Kansas Lane – Garrett Road Connector and I-20 Interchange in Ouachita Parish (3/2018 – 9/2018) Topographic Survey of the proposed Kansas Lane - Garrett Road Connector and I-20 Interchange using GPS receivers, robotic total stations and a SX-10 terrestrial scanner.</p> <p>State Project No. H.012036.5 – US 80: Boeuf River Bridge in Richland Parish (03/2019 – 6/2019). Topographic survey for a bridge replacement project at the US 80 crossing of the Boeuf River using GPS receivers, robotic total stations and a SX-10 terrestrial scanner.</p>		
	<p>PROJECT ENGINEER: processing topographic survey field data and developing topographic survey maps and images for State Contract No. 4400015236: Retainer Contract for Professional Surveying Services – Statewide. This retainer contract has contained fifteen task orders to perform topographic surveys for various projects at a cost of \$1,825,144 over a 5-year time frame. Some of the task orders for Topographic Surveys were as follows:</p> <p>State Project No. H.012030 – US 371: KCS RR Overpass HBI, Route LA 159 and US 371 in Webster Parish (10/2020-04/2021). Topographic survey of two bridge replacements over KCS RR using GPS receivers, robotic total stations and SX-10 terrestrial scanner to locate bridges.</p> <p>State Project No. H.012032.5 – LA 2: Bridges Near Mer Rouge, Route LA 2 in Morehouse and West Carroll Parishes (02/2021-04/2021). Topographic survey of two bridge replacement sites using GPS receivers, robotic total stations and SX-10 terrestrial scanner to locate bridges.</p> <p>State Project No. H.013832.5 – LA 6: Grand Ecore Bridge Deck Repair, Route LA 6 in Natchitoches Parish (04/2021-06/2021). Topographic survey of the existing deck, barrier rails & river pier top of cap elevations for the Grand Ecore Bridge across the Red River using GPS receivers, robotic total stations and SX-10 terrestrial scanner to locate complete bridge deck & barrier rails.</p>		

FIRM EMPLOYED BY **Lazenby & Associates, Inc.**

NAME	Randy Hammons, PE <i>Continued Resume</i>
	<p>State Project No. H.014554.5 – LA 3025: Coulee Mine Scour Repair, Route LA 3025 in Lafayette Parish (04/2021-07/2021). Topographic survey of a bridge located near the intersection of LA 3025 & West Bayou Parkway using GPS receivers, robotic total stations and SX-10 terrestrial scanner to locate bridge, roadway and intersection.</p> <p>State Project No. H.012541.5 – LA 594: Overpass I-20, Route LA 594 in Ouachita Parish (01/2022-06/2022). Topographic survey of a bridge replacement near the intersection of I-20 and LA 594 (Texas Ave) using GPS receivers, robotic total stations and SX-10 terrestrial scanner. Terrestrial mobile lidar used to locate 4,200 LF of I-20 mainline and two bridge decks over interstate.</p> <p>State Project No. H.014646.5 – I-20: US 165 – E. of Garrett Road, Route I-20 in Ouachita Parish (08/2021-01/2022). Topographic survey of a proposed 2.49 mi interstate widening near the intersection of Garrett Road and I-20 using GPS receivers, robotic total stations and SX-10 terrestrial scanner. Terrestrial mobile lidar was used to locate 7,130 LF of I-20 mainline.</p>
01/20 - Present	<p>PROJECT ENGINEER: processing topographic survey field data and developing topographic survey maps and images for State Contract No. 4400017710: Retainer Contract for Professional Surveying Services – Statewide. This retainer contract has contained one task order to perform topographic surveys at a cost of \$393,871 over a 5-year time frame. The task order for Topographic Surveys is as follows:</p> <p>State Project No. H.015052.5 – I-20 Widening & Improvements (Vancil to LA 34), Route I-20 in Ouachita Parish (05/2022-01/2023). Topographic survey of a proposed 3.94 mi interstate widening from Vancil Road to LA 34 along I-20 in West Monroe using GPS receivers, robotic total stations and SX-10 terrestrial scanner. Terrestrial mobile lidar was used to locate 20,815 LF of I-20 mainline.</p>
02/11 – 05/17	<p>STATE PROJECT NO. H.003854: Bossier North-South Corridor Swan Lake Rd (I-220 to Flat River), Bossier Parish, Louisiana. Project engineer for preparing preliminary and final construction plans for a 120'-0", 6 span precast concrete slab span bridge widening over Flat River.</p>
04/11 – 06/18	<p>STATE PROJECT NO. H011726: Bossier North-South Corridor Swan Lake Rd (Flat River to Crouch Rd), Bossier Parish, Louisiana. Project engineer for preparing preliminary and final construction plans for a 320'-0", 8 span concrete quad beam span bridge on new alignment over Cypress Bayou.</p>
01/14 – 06/17	<p>STATE PROJECT NO. 16-513-13-07, PART NO. 01: Replace Roaring Bayou Bridge, Big Lake Wildlife Management Area, Franklin Parish, Louisiana. Project engineer for preparing final construction plans for a 200'-0", 8 span precast concrete slab span bridge, including construction engineering, and inspection services during construction of the bridge.</p>
12/08 – Present	<p>STATE PROJECT NO. H.007289: Kansas Lane Extension, Ouachita Parish, Louisiana. Project engineer for preparing preliminary and final construction plans for a 700'-0", 14 span type II concrete girder span bridge on new alignment over Bayou DeSiard and three (3) – 60'-0", concrete slab span bridges across minor streams in Chauvin Swamp.</p>
04/23 – Present	<p>STATE CONTRACT NO. 4400025025: Off-System Bridge Replacement Program. Project engineer for preparing preliminary and final construction plans for multiple state projects located in District 05. Numerous bridge sites consisting of concrete slab span bridges.</p>

FIRM EMPLOYED BY G.E.C., Inc.				
NAME	Varaprasad Venkata, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	18
TITLE	Senior Professional Civil Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	10
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1992 / Civil Engineering; M.S. / 1995 / Structural Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		40594 / Louisiana / 09-30-2026		
YEAR REGISTERED	2016	DISCIPLINE	Structural Engineer	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Bridge Design		
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).			
	<p><i>Mr. Venkata has 27 years of structural engineering experience involving highway bridges, low & high mast light pole supports, highway sign supports, hurricane protection systems, water treatment and distribution facilities, and industrial structures. He has provided design services for state agencies inclusive of FHWA funding, tolling commissions, as well as non-state entities and private industry. His design experience includes AASHTO structural sign supports for highway signs, traffic signal supports, camera pole platforms and supports, DMS sign supports and main platforms, and low and high mast light pole attachments and foundations. His bridge design experience includes the widening of existing structures and new structures for highly congested interstates and major highways, which includes, but not limited to, the design of pile bents, column bents, PSC girders, concrete deck, pre-stressed Type III girder spans, and steel girders.</i></p>			
09/20-Present	<p>BLUEBONNET BLVD. (PERKINS TO PICARDY): Baton Rouge, LA. Bridge Design - GEC is designing the widening of Bluebonnet Blvd. to include an additional lane in each direction. Mr. Venkata performed QC checks on bridge rating calculations to determine whether the bridge should be widened or replaced in accordance with Part 1, Chapter 6 of the LADOTD BDEM and AASHTO Manual of Bridge Evaluation. Based on the load rating, it was recommended that the existing bridge be replaced. Mr. Venkata performed the feasibility review of phased construction of the new precast prestressed (LG type) girder replacement bridge, maintaining two lanes of traffic in each direction during all phases of construction. He developed a new widened bridge layout plan with 3-phases of construction. Pedestrian facilities will continue across the bridges and will feature barriers to separate pedestrians/bicyclists from vehicular traffic. (City-Parish Project No. 19-CP-HC-0034)</p>			
02/20-Present	<p>H.013897 / I-10 & I-12 COLLEGE DR. FLYOVER RAMP DESIGN-BUILD PROJECT: East Baton Rouge Parish, LA. Primary Bridge Engineer - Mr. Venkata is the Primary Bridge Engineer for the I-10 & I-12 College Dr. Flyover Design-Build Project. He designed and supervised the design of concrete girder spans for the Flyover and concrete decks for both the Flyover and Ward Creek Bridge. Additionally, Mr. Venkata designed and supervised plan development for all Substructures, Median Barriers, and Moment Slabs on the project. Currently, he is working on developing plans for the phased replacement of deck joints on the Ward Creek Bridge, to ensure maintenance of 5 lanes of traffic on I-10 westbound. Mr. Venkata also analyzed and designed the median barriers to support structure mount low mast poles. He designed foundations for ground mount high and low mast pole support foundations and reviewed shop drawings and pole design calculations submittals.</p>			
07/12-Present	<p>H.003074 / I-10 WIDENING, WILLIAMS TO VETERANS: New Orleans, LA. Structural Engineer - Mr. Venkata performed superstructure and substructure load rating for existing bridges and ramps for this highly congested 2.28-mile urban interstate. The extensive load rating and documentation provided to LADOTD allowed an informed decision to be made on whether to widen or replace the existing bridges at Veterans crossing. Mr. Venkata performed structural design of Pile bents, column bents, LG type PSC Girders, steel plate girders, bearing pads, deck slabs, curtain walls for new Southbound bridge, Northbound bridge and off Ramp to Veterans Blvd. in accordance with AASHTO LRFD Bridge design specifications and LADOTD BDEM. He also assisted in the development of plans and specs. Mr. Venkata worked on design and as designed rating for both bridges in accordance with AASHTO LRFD Bridge Design Specifications and LADOTD Bridge design standards. In addition, Mr. Venkata provided design of two structure-mounted trusses (overhead and cantilever) for relocated signs.</p>			
03/17-Present	<p>H.004273.5 / I-49 CONNECTOR: Lafayette Parish, LA. Structural Engineer - This 5-mile project begins south of Lafayette Regional Airport and continues north to I-10/US 167/I-49 interchange. Mr. Venkata checked structural calculations for span optimization and three-span continuous steel tub girders as a viable alternative to other bridge span types. He performed substructure design calculations & cost analysis.</p>			

FIRM EMPLOYED BY G.E.C., Inc.	
NAME	Varaprasad Venkata, PE <i>Continued Resume</i>
11/18-07/20	I-10 SERVICE ROAD BRIDGE REPLACEMENTS: Slidell, LA. <i>Structural Engineer</i> - This project included the replacement of a 5 span 100 feet long concrete slab span bridge over Reine Canal & 5 span 100 feet long slab span bridge with 30-degree skew over French Branch Canal. Mr. Venkata worked on design and as designed rating for both bridges in accordance with AASHTO LRFD Bridge Design Specifications & LADOTD Bridge design standards.
10/23-Present	44-25040 / IJA OFF-SYSTEM BRIDGE PROGRAM, DISTRICT 61 LESS EBR: East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, and Assumption Parishes, LA. <i>Structural Engineer</i> - Projects include the design of a bridge spot replacement of off-system bridges. The design is in accordance with the Federal Aid Off-System Highway Bridge Program. Mr. Venkata's tasks include preparation of Structural general notes, Bridge general plan, Foundation layout, Pile data tables and preparing abstract of bridge quantities. Mr. Venkata is also responsible for the design of deck and pile bents when the LADOTD standard bridge plans are not applicable due to site specific conditions like phased construction requirement.
04/19-12/21	CHEVELLE DRIVE AND SARASOTA DRIVE BRIDGE REPLACEMENTS: East Baton Rouge Parish, LA. <i>Structural Engineer</i> - This project includes the replacement of the existing Chevelle Drive Bridge over the West Fork of the North Branch of Ward Creek with a 4-span 80-foot long slab span bridge and the existing Sarasota Drive bridge over Engineers Depot Canal with a 5-span 105-foot long (20', 20', 25', 20', 20') slab span bridge. Both bridges will have pedestrian walks and are located in Baton Rouge, Louisiana. Mr. Venkata is performing the final design calculations, plan preparation and as-designed rating for both bridges in accordance with AASHTO LRFD Bridge Design Specifications, the AASHTO Manual for Bridge Evaluation, and the LADOTD Bridge Design Manual. (Bridge Recall No(s). 800541 and 800561; City Parish Project No. 18-BRUS-0016)
2006-2011	HIGHLAND ROAD (LA 42) IMPROVEMENTS (PERKINS TO AIRLINE): Baton Rouge, LA. <i>Structural Design</i> - Mr. Venkata designed new bridge crossings at both Ward's Creek and Old Ward's Creek and tied to completed intersection improvements at Perkins Road and at Airline Highway. The bridges are 240' (6 spans at 40') and 160' (4 spans at 40') in length respectively composed of quad beams or 24" pile bents all designed from AASHTO LRFD.
07/16-08/17	PALMISANO BLVD. IMPROVEMENTS: Chalmette, LA. <i>Structural Engineer</i> - GEC designed improvements to the drainage system encompassing Plaza Dr. and Palmisano Blvd. from E. St. Bernard Hwy. to the outfall on the 20 Arpent Canal, including improvements to the lift station, which required a new concrete foundation and adjacent concrete pavement. GEC also provided design and plan preparation of one 3-span (20', 26', 20'), 66' long concrete slab span bridge with median. Mr. Venkata performed structural design calculation check for the 3 span bridge as a part of the Q.C. process. (07/16-08/17)
2005-2010	700-28-0004 / US 71/165 FORT BUHLOW BRIDGE AND APPROACHES OVER THE RED RIVER: Alexandria, LA. <i>Structural Engineer</i> - Mr. Venkata performed final structural design of pile supporting column bents for approaches on both northbound & southbound bridges. He performed checking of design calculations for the 72" deep Bulb-T prestressed girder design for approaches as part of the QC process. He also checked the pier design for the main bridge which was a continuous steel girder unit consisting of spans of 300', 400' and 300' for a total length of 1000'. GEC prepared final bridge and roadway plans after completing feasibility, line and grade study , traffic study & environmental assessment.
07/09-06/12	LAKE PONTCHARTRAIN, LA AND VICINITY, HURRICANE PROTECTION PROJECT LPV 17.2, BRIDGE ABUTMENT AND FLOODWALL TIE-INS AT CAUSEWAY BRIDGE: Metairie, LA. <i>Structural Engineer</i> - Mr. Venkata performed final structural design of widened portion of abutments for both North/Southbound bridges and pile founded inverted T-type floodwall (194 feet) and tie-ins to the existing levees for Causeway Bridge at South Shore. This reach consists of levees, floodwalls, crib walls, Causeway Boulevard and other miscellaneous access points. The designs shall bring the hurricane protection to the Phase II 100-year level. The professional services required of GEC included detailed engineering and design (E&D), preparation of a Design Report (DR), preparation of plans and specifications (P&S), and E&D support during advertisement.
04/13-12/17	H.011207 & H.011239 / LA 1 – LEEVILLE TO GOLDEN MEADOW: PHASE 2A & PHASE 2E (WIDENING AND NEW BRIDGE): Lafourche Parish, LA. <i>Structural Engineer</i> - Mr. Venkata served on a team responsible for rating existing bridge, design of the widening of an existing bridge and the design and construction of a new bridge. The widened portion of the bridge consists of pre-stressed concrete Type III girder spans & two new spans consists of new LG girders. Varaprasad performed design of pile bents, column bents, AASHTO and LG type PSC girders, concrete deck, and pile supported elevated concrete foundation maintenance platform for relocated and new 60' camera pole in accordance with AASHTO LRFD Bridge design specifications. Also designed structural sign supports for highway signs and luminaries according to AASHTO and LADOTD BDEM. Performed structural design for ladder system connecting the platform to the bridge deck in accordance with AASHTO and LADOTD standard specifications. Services included design, development of plans & specs.

FIRM EMPLOYED BY T2 UES, Inc.			
NAME	Suzanne McCain, PE, LSI		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER 6
TITLE	Senior Project Manager		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S) 31
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1987 / Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		25169 / Louisiana / 09-30-2025; 466 / Louisiana / 09-30-20025	
YEAR REGISTERED	1993	DISCIPLINE	Civil Engineer; LSI
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: SUE	
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).		
37 years of experience	<p><i>Mrs. McCain has extensive experience working with DOTD on a variety of roadway and enhancement projects. Using this foundation, Mrs. McCain provides T2 Utility Engineers clients with insight and valuable feedback on projects. Before joining T2 Utility Engineers, Mrs. McCain was a Project Manager for multiple major design firms and worked for DOTD for 13 years. Mrs. McCain was responsible for the preparation and quality control of roadway plans. Currently, for T2 Utility Engineers, Mrs. McCain serves as a Project Manager on numerous projects for public and private clients involving the surveying of underground utilities and coordination with utility companies and owners to manage the relocation of utilities in conflict with the proposed design. Suzanne and necessary team members will be responsible for preparing scope and budgets for task orders.</i></p>		
07/23 – Ongoing	<p>MOBILE RIVER BRIDGE: Mobile, AL. Project Manager – The Mobile River Bridge project is a major transportation initiative that aims to improve the traffic flow and safety on I-10 in Alabama. T2 Utility Engineers is providing designating (CI/ASCE 38-22 Quality Level B) and locating (CI/ASCE 38-22 Quality Level A) subsurface utility engineering services. Mrs. McCain supervises the overall project delivery including scheduling work, reviewing daily field sketches and the final deliverable.</p>		
01/20 – Ongoing	<p>H.004791: BELLE CHASSE BRIDGE AND TUNNEL REPLACEMENT: Plaquemines Parish, LA. Project Manager – T2 Utility Engineers is providing utility coordination services during the design and construction of the Belle Chasse Bridge and Tunnel Replacement project. Mrs. McCain, as Project Manager for T2 Utility Engineers, is in close coordination with the contractor and utility providers to monitor the conflict matrix as the design progresses. T2 Utility Engineers has prepared a KMZ file to review utility locations in respect to edges of roadway, proposed drainage structures and temporary pavement widening for construction operations. Mrs. McCain along with design and construction personnel use this KMZ file as a reference when in the field and to coordinate with existing records held by the utility providers. Utility providers are currently preparing engineering drawings for service relocations. Upon review by the Design Build team, utility agreements will be entered into and construction will commence. T2 Utility Engineers will closely monitor the schedule of each utility provider to ensure that all services are relocated in time for project construction to begin.</p>		
10/18 – Ongoing	<p>H.004273: I-49 LAFAYETTE CONNECTOR: Lafayette Parish, LA. Engineer in Charge – T2 Utility Engineers has provided records research (CI/ASCE 38-22 Quality Level D), designating (CI/ASCE 38-22 Quality Level B) and locating (CI/ASCE 38-22 Quality Level A) subsurface utility engineering services throughout the project corridor. Mrs. McCain is supervising the compilation of the updated QLB mapping and the continual monitoring of utility permits being granted in the project corridor.</p>		
10/18 – 08/19	<p>H.004100: I-10: LA 415 TO ESSEN LANE TO I-10 AND I-12: West and East Baton Rouge Parishes, LA. Engineer in Charge – T2 Utility Engineers provided records research (Quality Level D) and designating (Quality Level B) SUE throughout the 10-mile project corridor. The team developed a comprehensive map based on record collection and discussions with utility representatives. The design team use the preliminary utility map for reference to determine larger systems to avoid during preliminary design. While the Quality Level D map was being completed, T2 Utility Engineers began its field investigation of Quality Level B designating. This immense task required major coordination efforts to schedule crews for T2 Utility Engineers and the survey crews on the team to ensure utility markings were collected timely and correctly. Mrs. McCain supervised the collection of utility owner record information, and other project research used in the development of the comprehensive map, used by the design team to avoid critical utilities in early design. She also supervised the SUE field efforts for utility designation. She reviewed the plan sheets of utility data collection and accurate depiction at Phase changes, as well as prepared/QA/QC project deliverables.</p>		


FIRM EMPLOYED BY **T2 UES, Inc.**


NAME	Suzanne McCain, PE, LSI <i>Continued Resume</i>
11/20 – 01/21	H.013725.5: GAUSE BOULEVARD DRAINAGE INVESTIGATION: St. Tammany Parish, LA. Project Manager – Due to pavement failures along the route that may have resulted in failures in the drainage system, T2 Utility Engineers was hired to provide CCTV services to analyze the sub-surface drainage system and to provide an overall rating of the system using the PACP methodology. In addition, T2 Utility Engineers provided designating (CI/ASCE 38-22 Quality Level B) subsurface utility engineering services in eighteen locations to map the underground utilities within the project limits. Mrs. McCain supervised the overall project delivery including scheduling work, reviewing daily field sketches and the final deliverable.
10/20 – 12/20	H.002798.6: BAYOU TECHE BRIDGE AT OAKLAWN: St. Mary Parish, LA. Project Manager – During construction of the Oak Lawn Bridge over Bayou Teche, a 2” steel line was exposed. T2 Utility Engineers provided designating (CI/ASCE 38-22 Quality Level B) and (CI/ASCE 38-22 Quality Level A) subsurface utility engineering services to investigate the line location within the project limits and provide an elevation of the line in the construction limits. Mrs. McCain supervised the overall project delivery including scheduling work, reviewing daily field sketches and the final deliverable.
06/22 – 11/22	WEST ALABAMA HIGHWAY CORRIDOR: Thomasville – Tuscaloosa, AL. Engineer in Charge – T2 Utility Engineers provided records research (CI/ASCE 38-02 Quality Level D), designating (CI/ASCE 38-02 Quality Level B) and locating (CI/ASCE 38-02 Quality Level A) subsurface utility engineering services throughout the project corridor. Mrs. McCain supervised the overall project delivery including scheduling work, reviewing daily field sketches and the final deliverable.

FIRM EMPLOYED BY T2 UES, Inc.			
NAME	Daryl Thie, PLS		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Vice President, Southern US/Survey Practice Lead		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1981 / Land Surveying	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		5023 / Louisiana / 03-31-2026	
YEAR REGISTERED	2009	DISCIPLINE	Professional Land Surveyor
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: SUE	
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).		
44 years of experience	<p><i>As Vice President, Mr. Thie ensures that adequate resources are available for T2 Utility Engineers clients in Louisiana. Mr. Thie takes the lead role in customizing QA/QC plans for specific projects and clients. Mr. Thie oversees the operations of T2 Utility Engineers’ surveying and mapping, subsurface utility engineering, and utility coordination services provided throughout Louisiana. He is also the Principal-In-Charge on assigned projects throughout the Southeastern United States. Throughout his career, Mr. Thie has managed hundreds of projects relating to all aspects of the surveying profession. This experience has given Mr. Thie the ability to oversee projects from conception to completion. He anticipates challenges before they arise and finds creative and innovative solutions, ensuring projects are delivered on time or ahead of schedule and in a cost-efficient manner. Mr. Thie’s extensive experience throughout the Southeastern United States includes, but not limited to boundary, GLO retracement, mean high water, right-of-way, horizontal and vertical control, transportation design, subsurface utility, terrestrial LiDAR, and hydrographic surveys. He has completed services for federal, state, and local government agencies including LADOTD, Florida Department of Transportation (FDOT), Alabama Department of Transportation (ALDOT), Mississippi Department of Transportation (MDOT), Florida Department of Environmental Protection (FDEP), United States Army Corp of Engineers Mobile District, and the St. Johns River Water Management District.</i></p>		
10/12 – 04/13	<p>H.010560.5: ESSEN LANE WIDENING (ROUTE LA 3064), PERKINS ROAD TO I-10: EAST BATON ROUGE PARISH, LA. SURVEYOR – T2 Utility Engineers provided designating (CI/ASCE 38-02 Quality Level B) and locating (CI/ASCE 38-02 Quality Level A) subsurface utility engineering services to map the underground utilities within the project limits. The corridor is one of the most congested roads in Baton Rouge with utilities servicing the many businesses and medical facilities. It was paramount that T2 Utility Engineers precisely inventory all utilities in order for the designer to fully understand the available space for new construction and the impacts they may have. T2 Utility Engineers also provided utility coordination services to identify and resolve utility/design conflicts. Utility coordination was complicated due to the need to minimize right of way acquisition.</p>		
07/15 – Ongoing	<p>H.004273: I-49 LAFAYETTE CONNECTOR: LAFAYETTE PARISH, LA. SURVEYOR – T2 Utility Engineers provided records research (CI/ASCE 38-02 Quality Level D), designating (CI/ASCE 38-02 Quality Level B) and locating (CI/ASCE 38-02 Quality Level A) subsurface utility engineering throughout the 7-mile project corridor. T2 Utility Engineers was given multiple subsurface utility engineering tasks in the process of aiding the design team. T2 Utility Engineers developed a comprehensive map based on record collection and discussions with utility representatives. From this, the design team could have a preliminary utility map to determine larger systems to avoid during preliminary design. Once the Quality Level D map was complete, T2 Utility Engineers began its field investigation of Quality Level B designating. This immense task required major coordination efforts to schedule crews for Tue2 and the multiple survey crews on the team to ensure that the utility markings were collected timely and correctly. T2 Utility Engineers was able to bring in resources from other regions to increase the productivity of the local crews and meet project milestones. The mapping data from both survey firms was compiled into an organized central location in order to properly review. This review is a part of T2 Utility Engineers’ stringent Quality Control process that goes into projects large and small and overseen by experienced Subsurface Utility Engineering professionals. After compiling the Quality Level B map, T2 Utility Engineers began its Quality Level A portion of the project to establish elevations on critical utility systems as well as unknown utilities found in the Quality Level B mapping. T2 Utility Engineers’ overall efforts established an extensive Quality Level B map with Quality Level A information throughout the project corridor in combination with the Utility Coordination to keep utility owners aware of the mapping progress</p>		

FIRM EMPLOYED BY **T2 UES, Inc.**

NAME	Daryl Thie, PLS <i>Continued Resume</i>
07/23 – Ongoing	AL68900201: MOBILE RIVER BRIDGE: MOBILE, AL. PRINCIPAL-IN-CHARGE – The Mobile River Bridge project is a major transportation initiative that aims to improve the traffic flow and safety on I-10 in Alabama. T2 Utility Engineers is providing designating (CI/ASCE 38-22 Quality Level B) and locating (CI/ASCE 38-22 Quality Level A) subsurface utility engineering services.
02/20 – 04/25	H.004791: BELLE CHASSE BRIDGE AND TUNNEL REPLACEMENT: PLAQUEMINES PARISH, LA. PRINCIPAL-IN-CHARGE – T2 Utility Engineers is providing utility coordination services during the design and construction of the Belle Chasse Bridge and Tunnel Replacement project. T2 Utility Engineers is in close coordination with the contractor and utility providers to monitor the conflict matrix as the design progresses. T2 Utility Engineers has prepared a KMZ file to review utility locations in respect to edges of roadway, proposed drainage structures and temporary pavement widening for construction operations. This KMZ file is used as a reference when in the field and to coordinate with existing records held by the utility providers. Utility providers are currently preparing engineering drawings for service relocations. Upon review by the Design Build team, utility agreements will be entered into and construction will commence. T2 Utility Engineers will closely monitor the schedule of each utility provider to ensure that all services are relocated in time for project construction to begin.

FIRM EMPLOYED BY G.E.C., Inc.				
NAME	Roland Maurin Jr., PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	10
TITLE	Senior Professional Civil Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	39
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1977 / Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		20553 / Louisiana / 09-30-2026		
YEAR REGISTERED	1983	DISCIPLINE	Civil Engineer	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Construction Support		
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).			
	<p>Prior to joining GEC in 2014, Mr. Maurin was Assistant District Administrator LADOTD Operations, managing District 62 district-wide operations which included roadway, bridge, and facility maintenance, movable bridge operations, ferry landings, rest area operations, roadside development, and fleet management. He served as manager of traffic engineering, traffic operations, and bridge inspection and painting of state (on system) and local (off system) bridges. He was also district incident commander for all road/weather events, preparations, coordination with authorities, and after event activities. In addition, he served as District Maintenance Engineer LADOTD for seven years, overseeing all LADOTD maintenance activities in District 62 in Hammond, Terrebonne Parish, and Lafourche Parish. For 13 years, he served as Resident Construction Engineer, performing contract administration over all construction projects in St. John, St. Helena, and northern Tangipahoa parishes. He has the following certifications: ATSSA TCS, ATSSA Flagger</p>			
01/23-12/23	OVERLAY THE WEST CAUSEWAY APPROACH ROAD AT CHINCHUBA BAYOU: Mandeville, LA. Construction Engineer - This project involved the rehabilitation of an existing roadway for the Greater New Orleans Expressway Commission. The rehabilitation included milling and overlaying the existing roadway, installing new pavement markers , and redesigning the existing guard rail in order to meet current safety standards. Mr. Roland oversaw installation of new pavement markers and guardrails , along with the mill and overlay of the roadway.			
01/23-Present SECTION 17 PROJECT	NORTH CAUSEWAY APPROACH ROAD OVERLAY: St. Tammany Parish, LA. Construction Engineer - This project involved the rehabilitation of an existing roadway for the Greater New Orleans Expressway Commission. The rehabilitation included milling and overlaying the existing roadway, installing new pavement markers , and redesigning the existing guard rail in order to meet current safety standards. Mr. Roland oversaw the installation of asphalt paving and bridge repairs and currently oversees ongoing guardrail, signage , and electrical work.			
01/15-Present	SALES TAX STREET AND ROAD REHABILITATION PROGRAM (DPW PROJECT NO. 15-CEST-0001): East Baton Rouge Parish, LA. Project Engineer - This project began in 1990 and GEC has been the prime consulting engineer, responsible for construction inspection for all City of Baton Rouge Street Improvements since 1991. In this role, GEC provides one project engineer, one senior chief inspector, and two chief inspectors. These inspectors must be certified by LADOTD in both asphalt and concrete construction. In addition, GEC provides between 5 and 6 inspectors certified by LADOTD in Asphaltic Concrete Paving, Portland Cement Concrete Paving or Embankment and Base Course construction.			
05/15-09/21	H.009479 / WEST LAROSE VERTICAL LIFT SPAN BRIDGE REHABILITATION: Larose, LA. Project Engineer - Mr. Maurin was the Project Engineer representing the LADOTD on the rehabilitation of the West Larose Bridge. The \$26M project included a new fender system construction, removal of the existing paint system and repainting, structural repairs and bolt replacement, and rehabilitation of the electrical and mechanical systems.			
11/14-03/18	H.005972 / GNOEC, 9-MILE TURNAROUND SPANS, CROSSOVER #5 WIDENING: St. Tammany and Jefferson Parishes, LA. Project Oversight - This project is the most recent to expand the Lake Pontchartrain Causeway. Mr. Maurin had project oversight of this project. Hurricane Katrina severely damaged the access ramps on the 9-Mile Turnaround. An economic study was performed and it was determined that the most prudent course of action was to widen Crossover 5 instead of rebuilding the ramps to the turnaround. This \$8.3M project constructed a platform between the Northbound and Southbound bridges that is approximately 120'x80'. The platform, constructed of AASHTO Type IV PPC Girders, was designed for full vehicle loading and the placement of a communications tower. All GNOEC and Cell Phone equipment located at the turnaround was moved to the platform.			
06/16-04/18	H.011217 / GNOEC – DEMOLITION OF THE 9 MILE: St. Tammany and Jefferson Parishes, LA. Construction Engineer - Mr. Maurin had project oversight and supervision over AASHTO SiteManager Approval of DWRs and final change orders, as well as compiling the final punch list for acceptance.			

FIRM EMPLOYED BY G.E.C., Inc.				
NAME	Zachary Boylan, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	5
TITLE	Professional Civil Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	1
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2019 / Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		48575 / Louisiana / 09-30-2026		
YEAR REGISTERED	2024	DISCIPLINE	Civil Engineer	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Construction Support		
EXPERIENCE DATES (MM/YY–MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).			
	<p>Mr. Boylan serves as Project Engineer in field operations and office work on numerous projects. Mr. Boylan has experience with asphalt paving, catch basins, drainage, sanitary sewer, embankment, and base course projects. He also has a vast understanding of Site Manager, developing LPA project plans and understanding of DOTD specifications. Mr. Boylan has experience with collection of street condition data utilizing the PASER rating method and QuickCapture program. He has the following certifications: ATSSA TCS, ATSSA Flagger</p>			
05/22-06/24 SECTION 17 PROJECT	<p>LASAFE AIRLINE AND MAIN COMPLETE STREETS: Laplace, LA. Assistant Project Engineer - Mr. Boylan was the assistant Project Engineer for this \$4.3M, 2.5-mile-long project which included the construction of sidewalks, pedestrian crossings, milling/overlaying, pavement striping, curb/gutters, bike lanes, driveways, subsurface drainage, sewer and water line relocation, and installation of decorative lighting/associated electrical service equipment/underground conduit. Mr. Boylan worked with field personnel to adjust due to utility conflicts, wrote and processed change orders, and generated monthly estimates.</p>			
08/22-05/24	<p>H.014694 / LA 426 (LA 73 – SHERWOOD FOREST): East Baton Rouge Parish, LA. Assistant Project Engineer - Mr. Boylan was the Engineer Intern assisting the Project Engineer with this \$1.8M, 3.1-mile-long project consisting of constructing guardrail, concrete walk, handicapped curb ramps, plastic pavement striping, and related work. Mr. Boylan worked in coordination with a LADOTD District Engineer to make field decisions, generate change orders and partial estimates, and host meetings with the contractor/owner.</p>			
11/22-04/24	<p>H.012022 / BREC GREENWOOD MULTI-USE TRAIL PHASE 2: East Baton Rouge Parish, LA. Assistant Project Engineer - Mr. Boylan assisted the Project Engineer with this \$2.3 1.7-mile-long multi-use trail including a Pedestrian Bridge, Precast Piles, clearing and grubbing, grading, base course, concrete work, and landscaping. Mr. Boylan managed several change orders, estimates, Headlight and SiteManager reports and managed the lead inspector as needed.</p>			
12/19-Present	<p>SALES TAX STREET AND ROAD REHABILITATION PROGRAM: East Baton Rouge Parish, LA. Assistant Project Engineer - Mr. Boylan is the Engineer Intern assisting the Project Engineer for this project which began in 1990. GEC has been the prime consulting engineer, responsible for all aspects of construction inspection for all City of Baton Rouge Street Improvements. These projects include a variety of rehabilitations jobs; PPC Paving Patching, Asphalt Patching, Asphaltic Concrete Overlay, Crack Sealing and Full Reconstruction including Soil Cement. Mr. Boylan is currently assisting the Project Engineer with oversight of the inspectors and obtaining quantities for the design of future projects. He has been developing partial estimates, change orders, tracking project with PASER and QuickCapture, along with other duties.</p>			
01/23-12/23	<p>OVERLAY THE WEST CAUSEWAY APPROACH ROAD AT CHINCHUBA BAYOU: St. Tammany Parish, LA. Construction Engineer - This project involved the rehabilitation of an existing roadway for the Greater New Orleans Expressway Commission. The rehabilitation included milling and overlaying the existing roadway, installing new pavement markers, and redesigning the existing guard rail in order to meet current safety standards. Mr. Boylan oversaw installation of new pavement markers and guardrails, along with the mill and overlay of the roadway.</p>			

FIRM EMPLOYED BY Ardaman & Associates, Inc.			
NAME	Megan Bourgeois, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Project Engineer / Assistant Branch Manager		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2006 / Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		36725 / Louisiana / 03-31-2026	
YEAR REGISTERED	2011	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Geotech	
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).		
18 years of experience	<p><i>Ms. Bourgeois has more than 18 years of experience with shallow foundations, embankment settlement, pile and drilled shaft foundations, LRFD design, slope stability (embankment and excavation), pipeline and pump station recommendations, geotechnical instrumentation, and construction monitoring. She has managed numerous geotechnical investigations and design evaluations, managed laboratory testing programs, while also serving as Ardaman's program manager for many LADOTD projects for bridges and roadways throughout Louisiana. Ms. Bourgeois also serves as the director of our geotechnical engineering laboratory in Baton Rouge. In this role, she supervises the laboratory manager, oversees testing, provides guidance to laboratory staff, and ensures appropriate protocol is followed and deadlines are met in addition to provide training material and maintaining AASHTO certifications.</i></p>		
10/18-06/21	<p>SP NO. H.000263 / CHEF MENTEUR PASS BRIDGE & APPROACH: Orleans Parish, LA. Project Manager. Managed and oversaw all aspects of an extensive field investigation program including performing 26 deep soil borings and 12 CPT soundings, including borings over 200 feet in over 80 feet deep of high flow water. Ms. Bourgeois also managed laboratory testing program to provide geotechnical characterization data for use in design of deep foundations and embankments, oversaw the field resistivity testing program, and developed the data report.</p>		
08/08 – 12/13	<p>SP NOS. 700-09-0166 & H.003886.5 / I-49 NORTH PHASE II: Caddo Parish, LA. Laboratory Director/Assistant Project Engineer. Closely coordinated an extensive laboratory testing program with an aggressive schedule to provide geotechnical characterization data for use in design of deep foundations, earth retaining structures and culverts.</p>		
07/15-Ongoing	<p>SP NO. H.004273.5 / I-49 CONNECTOR (LAFAYETTE REGIONAL AIRPORT TO I-10/I-49/US 167 INTERCHANGE): Lafayette Parish, LA. Project Engineer. Assisting the Program Manager in overseeing the geotechnical investigation and design of the 5 miles of freeway consisting of a 3.5-mile elevated structures that will include pile supported approach slabs, pile foundations, slope stability, embankment settlement, pavement design, advanced pile load test programs, and earth retaining structures. Overseeing laboratory program which will include a total of more than 400 borings including deep borings, shallow borings, and CPT soundings. Ms. Bourgeois is the project lead to develop the Geotechnical Investigation and Design Report.</p>		
10/14-12/16	<p>SP NO. H.010601.5 / I-10 WIDENING (E. JCT. I-49 TO LA 328): St. Martin Parish, LA. Project Engineer. Managed and provided oversight for the geotechnical investigation which included 44 deep borings and 25 cone penetrometer (CPT) soundings, associated laboratory testing, and preparation of a geotechnical data report for the widening of the nine existing structures along I-10 between I-49 to LA 328 spanning approximately 7 miles.</p>		
05/06-12/11	<p>SP NO. 700-29-0112 & 700-29-0130 / LA 1 – PHASES 1 & 2: Lafourche Parish, LA. Project Engineer. This project is the second phase of the 17-mile elevated highway spanning from Golden Meadow to Fourchon. Ms. Bourgeois directed the laboratory testing program to ensure strict adherence to LADOTD standards and managed the drilling operations which included deep borings and CPT soundings in the coastal marshes via air-boat mounted equipment. She oversaw the completion of over 70 soil boring logs and approximately 300 CPT sounding logs for use in design of pile foundations.</p>		
07/21-Ongoing	<p>SP NO. H.004100.5 / I-10: LA 415 TO ESSEN LANE ON I-10 & I-12 (CMAR): Baton Rouge Parish, LA. Project Engineer. Leads technical reviews pertaining to selection of design reaches, geotechnical design of deep foundations, earth retaining structures, slope stability, soil-structure interaction with existing structures and load testing recommendations. This is a Construction Management at Risk (CMAR) project which includes widening of the east and westbound lanes, elevated structures, interchanges, and ramps along I-10 from LA 415 in West Baton Rouge Parish to Essen Lane on I-10 and I-12 in East Baton Rouge Parish spanning approximately 2.5 miles.</p>		

FIRM EMPLOYED BY Ardaman & Associates, Inc.			
NAME	Robert Jewell, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Project Engineer / Vice President, Branch Manager		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2009 / Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		38579 / Louisiana / 09-30-2026	
YEAR REGISTERED	2013	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Geotech	
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).		
17 years of experience	<p><i>Mr. Jewell serves as the manager of our Baton Rouge office and as project manager for various geotechnical engineering projects including pile and drilled shaft foundations, shallow foundations, static and dynamic pile testing, and slope stability. He has managed and coordinated many geotechnical field investigations, including shallow and deep borings, CPT soundings, and performed analyses and prepares design recommendation reports for LADOTD projects. For two years, he served as an on-site engineer for the LA Hwy. 1, Phase 1 project, where he conducted PDA testing and pile monitoring during construction. Mr. Jewell also achieved Advanced Level Certification for High Strain Dynamic Testing issued by the Pile Driving Contractors Association for Dynamic Measurement and Analysis Proficiency.</i></p>		
10/18-01/19	<p>SP NO. H.003370 / I-220 / I-20 INTERCHANGE IMPROVEMENT AND BARKSDALE AIR FORCE BASE ACCESS ROAD: Bossier Parish, LA. Project Engineer. Assisted the Project Manager in preparing the preliminary design and planning report for this Design Build project which provides direct access to Interstate I-20 from the Barksdale Air Force Base (BAFB) and constructing an interchange and access road from Interstate 20 in Bossier City, Louisiana. Mr. Jewell oversaw the field construction services consisting of PDA monitoring, bi-directional load cell load tests, and settlement monitoring. He also helped review and design the pavement section.</p>		
07/21-Ongoing	<p>SP NO. H.004100.5 / I-10: LA 415 TO ESSEN LANE ON I-10 & I-12 (CMAR), Baton Rouge Parish, LA. Project Manager. Leads all aspects of engineering analyses pertaining to selection of design reaches, geotechnical design of deep foundations, earth retaining structures, slope stability, soil-structure interaction with existing structures and load testing recommendations. This is a Construction Management at Risk (CMAR) project which includes widening of the east and westbound lanes, elevated structures, interchanges, and ramps along I-10 from LA 415 in West Baton Rouge Parish to Essen Lane on I-10 and I-12 in East Baton Rouge Parish spanning approximately 2.5 miles.</p>		
07/15-Ongoing	<p>SP NO. H.004273.5 / I-49 CONNECTOR (LAFAYETTE REGIONAL AIRPORT TO I-10/I-49/US 167 INTERCHANGE): Lafayette Parish, LA. Project Manager. Manages the geotechnical investigation and design for the construction of 5 miles of freeway consisting of a 3.5-mile elevated structure that will include pile supported approach slabs, pile foundations, slope stability, embankment settlement, pavement design, advanced load test programs, and earth retaining structures. Oversees and coordinates the field and laboratory program which will include a total of more than 400 borings including deep borings, shallow borings, and CPT soundings. He will be the co-principal for developing the Geotechnical Investigation and Design Report to be developed for this project.</p>		
11/15-01/21	<p>SP NO. H.011309 / MCARTHUR INTERCHANGE COMPLETION PHASE II, US 90Z: Jefferson Parish, LA. Project Manager. Oversaw the geotechnical field investigation that included deep and shallow CPT soundings, borings, laboratory testing, subsurface characterization, and engineering analyses to provide foundation design, verification of test plans and construction monitoring plans for the addition of two ramps. Design recommendations included post grouted drilled shafts.</p>		
04/14-03/22	<p>SP NO. H.004435 / I-12 TO BUSH SEGMENT 2, LA 3241 (LA 36-LA435): St. Tammany Parish, LA. Project Engineer. Oversaw and coordinated the geotechnical investigation which included drilling 32 deep soil borings, 10 culvert borings, and 88 shallow roadway borings, sampling, and laboratory testing along the alignment which includes two bridges: LA 435 over Bayou Lacombe Tributary and LA 36 over Bayou Lacombe Tributary 2. Assisted in developing the geotechnical analyses and design recommendation report which included pile foundations for the bridge structures and shallow foundation design for the culverts.</p>		

FIRM EMPLOYED BY Vectura Consulting Services, LLC			
NAME	Sheelagh Brin Ferlito, PE, PTOE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Supervisor-Eng		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1988 / Civil Engineer	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		0025383 / Louisiana / 09-30-2025	
YEAR REGISTERED	1993	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Traffic Signal Design Lead	
EXPERIENCE DATES (MM/YY–MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., “DESIGNED DRAINAGE”, “DESIGNED GIRDERS”, “DESIGNED INTERSECTION”, ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
07/21 - current	H.007160 - EBR COMPUTERIZED TRAFFIC SIGNAL, PHASE VB (BATON ROUGE, LA): Brin is the task leader for Vectura for the Construction Engineering and Inspection of 24 traffic signals. Brin oversaw the review of signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Brin and Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.		
07/19 – current	MOVEBR NEW CAPACITY PROJECTS PROGRAM MANAGEMENT (BATON ROUGE, LA): Brin is the lead traffic engineer for entire the New Capacity Projects program management team. All traffic engineering scope of services, traffic / speed data collection, traffic design studies, safety studies, and traffic signal design plans are reviewed by Brin. She is in constant communication with the Traffic Engineering staff of DOTD and EBR Traffic Engineering Department. She understands the current requirements for all aspects of traffic engineering projects.		
07/19 – current	H.004791 DOTD BELLE CHASSE BRIDGE & TUNNEL REPLACEMENT PPP (BELLE CHASSE, LA): Brin is the project manager for the temporary and permanent traffic signal plans for the intersections of LA 23 at Burmaster St and at Engineers Rd. She based her traffic signal plans on design year volumes that were developed using growth rates from the New Orleans Regional Planning Commission Travel Demand Model. This project is the first ever Public-Private-Partnership performed by DOTD.		
09/20 – 12/21	H.010960.5 LA 30 ROUNDABOUTS AT TANGER I-10 (ASCENSION PARISH, LA): Brin is the project manager for the design of temporary traffic signal plans that will be implemented during the roundabout construction along LA 30 in Gonzales, LA. The project involves replacing three existing signalized intersections with multilane roundabouts along LA 30 at I-10 Interchange ramps and at Tanger Boulevard. Vectura also developed signal timing plans for each phase of the construction to maintain progression along LA 30.		
07/18 – 04/19	LA 1 PEDESTRIAN CROSSWALK STUDY AND TRAFFIC / PEDESTRIAN SIGNAL DESIGN WEST BATON ROUGE PARISH, ADDIS, LA: Brin developed a Pedestrian Crosswalk Study and Traffic Signal Construction Plans for the intersection of LA 1 at LA 990 in Addis, LA. The study was based on DOTD Traffic Engineering Manual Crosswalk Guidelines followed by traffic signal design plans based on DOTD requirements. The study included traffic and pedestrian traffic data collection, a speed study, crash analyses, intersection analyses and progression analyses. The signal plans included pedestrian signal equipment, signal timing parameter calculations, crosswalk striping, signs, DOTD pay items, estimated quantities, and construction cost. Brin also assisted with the Parish with the DOTD Permit Request for Intersection Control Devices on a State Right of Way.		
09/17-04/18	US 11 AT US 190 BUS. (FREMAUX AVE.) PEDESTRIAN CROSSWALK STUDY AND TRAFFIC / PEDESTRIAN SIGNAL EQUIPMENT DESIGN SLIDELL, LA: Brin developed a formal traffic study for a proposed crosswalk with pedestrian traffic signal equipment and pedestrian clearance timings based on DOTD requirements. Brin assisted with vehicle and pedestrian data collection, spot speed study, analyzed 3-year intersection crash data and developed signal timing for pedestrians to cross the street. From the design study, a set of Traffic Signal Modification Plans were developed to implement the recommended alternative.		
08/15-05/17	ENHANCING GUIDANCE FOR EVACUATION TIME ESTIMATE STUDIES (NUCLEAR REGULATORY COMMISSION ROCKVILLE, MD): Brin conducted an applied research study of U.S. Nuclear Regulatory Commission guidance for developing evacuation time estimate studies and produced a technical basis for revision of NUREG/CR-7002 “Criteria for Development of Evacuation Time Estimate Studies” in support of the 2020 update of ETES. Specifically, Brin was the lead VISSIM modeler for the “large” population models, which consisted of a 20-mile radius model. The VISSIM model input included traffic volumes distributed over 8 hours, highway and intersection lane geometry using links and connectors, conflict areas, traffic signal and stop control and speed. Brin also developed Dynamic Traffic Assignment code to simulate that fastest route out of the evacuated zone.		

FIRM EMPLOYED BY Vectura Consulting Services, LLC			
NAME	Laurence Lucius Lambert, II, PE, PTOE, PTP		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER 9
TITLE	Supervisor-Eng		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S) 18
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1997 / Civil Engineering; M.S. / 2006 / Civil Engineering (Transportation focus); M.B.A./2010	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		29901 / Louisiana / 03-31-2026	
YEAR REGISTERED	2002	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Data Collection and Traffic Management Plan Supervisor	
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
07/23 – 11/23	H.015504.5 CCC DECORATIVE LIGHTING LEVEL 4 TMP (NEW ORLEANS, LA): Laurence was the project manager for a Level 4 Traffic Management Plan (TMP) for the Crescent City Connection (CCC). Laurence oversaw the lane closure analysis based on queuing. A safety analysis of the construction zone was also performed to identify any "hot spots". The results were summarized in a report that was reviewed by DOTD.		
12/21 – current	H.012030.5 US 371 KCS RR OVERPASSES HBI (WEBSTER PARISH, LA): Laurence was the project manager for the design of permanent pavement marking and signing sheets for the construction plans in MicroStation. He will also participate in the QC of the sequence of construction and detour route.		
06/21 – 02/22	H.013267 CAPITAL AREA PATHWAYS PROJECT (BATON ROUGE, LA): Laurence was project manager for a traffic study to evaluate trail crossings at three state routes that required DOTD approval. The traffic study included traffic data collection, safety analysis, existing conditions analysis and alternative analysis. Laurence used the DOTD Traffic Engineering Manual, MUTCD, and FHWA guidance to develop the most effective trail crossing alternatives.		
07/19 – current	MOVEBR NEW CAPACITY PROJECTS PROGRAM MANAGEMENT (BATON ROUGE, LA): At the beginning of the program, Laurence worked with the Capital Region Planning Commission to produce measures of effectiveness from the travel demand model to prioritize the MOVEBR project list. Laurence and Pong Wu developed a list of vehicle miles traveled, V/C ratios and vehicles hours of delay. Laurence also provided peer review for the traffic studies for Ben Hur Road and Lee Drive.		
02/21 - 03/21	H.013256.5 I-10 ITS SCOTT TO LAKE CHARLES (SOUTHWEST LOUISIANA): Laurence was the lead traffic engineer for a Level 2 TMP for the construction of ITS equipment along I-10. The plan included a safety strategy that included a CAT Scan, LOS determination utilizing Citrix data, lane closure recommendations based on a queue analysis and public information strategies.		
04/18 – 12/21	H.010960.5 LA 30 ROUNDABOUTS AT TANGER & I-10 GONZALES (ASCENSION, LA): Laurence provided a Quality Control review of the temporary construction and sequence of construction plans. Vectura also provided Quality Control review of signing and striping plans at 30% and 60% plan sets to ensure the roundabouts conformed to the Pavement Markings Details Sheet PM-09 and the MUTCD details on roundabouts.		
04/18 – 12/21	H.011909.5-4 ROUNDABOUT: US 171 at Boone St. (Vernon Parish, LA) Laurence provided a Quality Control review of the temporary construction and sequence of construction plans. Vectura also provided Quality Control review of signing and striping plans at 30% and 60% plan sets to ensure the roundabouts conformed to the Pavement Markings Details Sheet PM-09 and the MUTCD details on roundabouts.		
02/20 – 09/21	COLLEGE DRIVE CORRIDOR ENHANCEMENT FROM PERKINS ROAD TO I-10 (BATON ROUGE, LA): Laurence was the project manager to develop Chapter 1 (Data Collection), Appendix A (Initial Data Collection), and Appendix B (Final Data Collection) for proposed improvements College Drive. Since the I-10 interchange was included in the study, approval from DOTD was required. Vectura collected, turning movement counts, 85% speed data, travel time runs, queue measurements, field observations, verification of Traffic Signal Inventories, and bicycle / pedestrian / transit observations.		
10/17 - 10/18	H.013025 LA 182 (UNIVERSITY AVENUE) CORRIDOR PLANNING STUDY (LAFAYETTE, LA): Laurence was the lead transportation engineer for a Corridor Planning Study for LA 182. The scope focused on improving safety and mobility for pedestrian, bicycle, and transit users. Laurence collected AM & PM peak vehicle turning movement counts as well as pedestrian and bicycle counts. Laurence coordinated with the Acadiana Planning Commission to develop growth rates and design year volumes. Laurence then performed Highway Capacity Manual analysis for 5 intersections along the intersection analyses for the signalized and roundabout controlled alternatives. Included in the study was a safety analyses of five intersections and the intermediate segments. Based on the results of the safety analysis, Laurence provided design criteria to the design team for improving safety of pedestrians, bicycles, and vehicles.		

FIRM EMPLOYED BY Vectura Consulting Services, LLC				
NAME	Reece Rodrigue, PE, PTOE, RSP1		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	4
TITLE	Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	7
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2013 / Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		42074 / Louisiana / 03-31-2026		
YEAR REGISTERED	2017	DISCIPLINE	Civil Engineer	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Project Engineer		
EXPERIENCE DATES (MM/YY–MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., “DESIGNED DRAINAGE”, “DESIGNED GIRDERS”, “DESIGNED INTERSECTION”, ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).			
04/21 - current	MOVEBR DIRECT SELECT FOR TRAFFIC SIGNAL DESIGN, BATON ROUGE, LA: Reece is a project engineer for the design of traffic signal upgrades at 10 intersections. This project included a traffic design report, preliminary and final plans for traffic signals that included traffic signal layout, fiber interconnect layout, fiber splicing diagrams, pedestrian crosswalk layout, and sign layout. The design also included traffic signal synchronization signal timing and pedestrian signal timing.			
06/23 - Current	H.012845.1 CONNECTED & AUTONOMOUS VEHICLES (C/AV) TEAM AND WORKING GROUP SUPPORT: Reece is a member of the team to develop new policies and legislation related to C/AV.			
06/23 - Current	H.011507.1 MONROE PHASE 3 SEA: Reece visited the project site to document the controller type and detection needs at each signalized intersection within the right-of-way.			
07/21 - Current	H.007160 - EBR COMPUTERIZED TRAFFIC SIGNAL, PHASE VB (BATON ROUGE, LOUISIANA): Reece is part of the team responsible for Construction Engineering and Inspection. Reece has reviewed the signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.			
01/23 – 02/24	H.011504 ALEXANDRIA ITS PHASE 2: Reece was the project engineer for a site visit, System Engineering Analysis Report, Engineering Opinion of Probably Construction Cost and Level 2 Transportation Management Plan.			
06/22 – 02/23	H.012381.5 ITS FIBER MANAGEMENT SYSTEM DATA COLLECTION: Reece performed the field observations for 40 sites to verify the ITS FMS and inventory services.			
04/20 - Current	H.004791 DOTD BELLE CHASSE BRIDGE & TUNNEL REPLACEMENT PUBLIC-PRIVATE PARTNERSHIP PROJECT (BELLE CHASSE, LA): Reece is responsible for designing the temporary traffic signal for the intersection of LA 23 at Engineers Rd. for eight phases of construction per the anticipated sequence of construction. Temporary pole location and heights were recommended for placement for use for all construction phases. Vehicle clearance interval calculations were conducted for each phase in accordance with DOTD and ITE guidance. Reece is responsible for producing the traffic impact analysis portion of the Traffic Management Plan that was also used in planning for the permanent and temporary signal timing plans. Reece was also responsible for producing the permanent signal plans for the LA 23 intersections at Engineers Road and at Burmaster Street. He evaluated stop bar locations, calculated vehicle, and pedestrian clearance intervals, designed the railroad preemption sequence for both at-grade crossings, designed the wiring layout, and developed the interconnect plan. In addition, Reece was responsible for reviewing and approving shop drawings that were submitted by the contractor for use in construction.			
01/21 – 05/21	H.013256 - I-10 ITS SCOTT TO LAKE CHARLES (LAFAYETTE, ACADIA, AND JEFFERSON DAVIS PARISHES): Reece was a member of the subconsultant team who was tasked with reviewing the ITS plans for 15 sites along I-10 where CCTV cameras were being installed. Reece was responsible for measuring anticipated construction quantities and producing a cost estimate for said quantities by using DOTD’s Bid Tabulation and Cost Estimating Tool.			
09/20 – 12/21	H.011909.5-4 ROUNDABOUT: US 171 at Boone St. (Vernon Parish): Reece is an essential design engineer, who is assisting in the production of the temporary signal design associated with the sequence of construction for the roundabout at US 171 at Boone St. He conducted a thorough analysis of the US 171 corridor’s existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.			

FIRM EMPLOYED BY Vectura Consulting Services, LLC			
NAME	Kristen Gahagan Farrington, PE, PTOE, RSP1		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2014 / Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		42785 / Louisiana / 03-31-2025	
YEAR REGISTERED	2018	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: 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).		
12/23 – current	H.972501.1 SOUTH RANGE ROAD STAGE 0 (TANGIPAHOA PARISH, LA): Kristen was the project manager for a Stage 0 project to improve operations on South Range Road. The project included data collection, existing conditions analysis, safety analysis, and alternatives development.		
05/23 – 05/24	US 190B/FREMAUX AVE SIDEWALK FEASIBILITY STUDY (SLIDELL, LA): As a subconsultant to Richard C. Lambert Consultants, LLC, Laurence was the project manager for a sidewalk feasibility study that included data collection, safety analysis, alternative analysis, and final report.		
04/22 – 11/23	H.013267 CAPITAL AREA PATHWAYS PROJECT (BATON ROUGE, LA): Kristen is the lead designer for four pedestrian hybrid beacons (PHB's) with two crossings located on state routes. The locations were approved in a previous study and are now under design for construction. Kristen is working closely with the City and DOTD on the construction plan development as PHB's are a new traffic control device for DOTD. Prior to the design of the PHB's, Kristen prepared a traffic study evaluating all six uncontrolled crosswalks along the path, which included data collection and determining the appropriate treatment for each crossing location based on FHWA, DOTD and MUTCD guidance.		
09/17 – 09/18	H.011160 LA 73 CORRIDOR STUDY STAGE 0 (LA 74 TO LA 621) (ASCENSION PARISH): Kristen was the designer responsible for concept development, report writing, and impact analysis for a Stage 0 study. The purpose of the study was to evaluate conceptual alternatives to improve capacity and operations along the LA 73 corridor and its connecting transportation network. The scope included the evaluation of three interchange configurations for the interchange of I-10 at LA 73 in conjunction with two corridor alternatives for LA 73, resulting in six different alternatives for which line and grade, impacts, and high-level cost estimates were prepared.		
04/18 – 04/19	H.011243.1 I-49 AT US 190 AND LA 31 INTERCHANGE IMPROVEMENTS STAGE 0 (ST. LANDRY PARISH): Kristen was the project engineer responsible for crash and safety analysis, report writing, planning, and designing for this Stage 0 Study to evaluate alternatives to improve traffic operations and safety at the I-49 interchanges with US 190 and LA 31. Crash and safety analysis was performed using the DOTD CAT Scan tool and IHSDM, and line and grade was prepared to DOTD Design Standards for various corridors, including arterial collectors and freeway ramps.		
04/19 – 6/21	H.013817.1 A 117 IMPROVEMENTS STAGE 0 (VERNON AND NATCHITOCHES PARISHES): Kristen served as project engineer responsible for a Stage 0 study for 18 miles of two-lane highway. The study evaluated the impacts of correcting deficient vertical and horizontal geometry along the corridor, widening for the addition of shoulders, and adding passing lanes and turn lanes at strategic locations along the corridor. Kristen was responsible for performing the safety analysis including crash rate number method, over-representation, CAT Scan quality assurance, HSM existing safety analysis, and No-Build Analysis. Kristen designed high-level concept exhibits, evaluated environmental impacts, and prepared high level cost estimates and comparison matrices to determine which preliminary alternatives best meet the purpose and need of the project.		
03/19 – 11/19	H.012311 LA 429 CONNECTOR STAGE 0 (ASCENSION PARISH, LA): Kristen was the task leader for the preparation of a Stage 0 study to evaluate alignments for a limited-access corridor (LA 429) near I-10, between LA 30, LA 73, and US 61. Two alternatives for the widening and reconstruction of LA 429 were evaluated. The scope consisted of stakeholder and public meetings, site visits and data collection, phasing of alternative development for the corridor, scope and budget checklists, and an opinion of probable cost to prepare the Stage 0 Report. Kristen served as the civil engineer responsible for designing high level concept exhibits and comparison matrix to determine the best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes, coordinated with interchange study consultants for a cohesive project, and wrote report.		

17. Firm Experience

FIRM NAME		G.E.C., Inc.		DISCIPLINE(S)*	Road	**
PROJECT NAME		WB Veterans: Severn Ave - Clearview Pkwy			FIRM RESPONSIBILITY (PRIME OR SUB?)	Prime
PROJECT NUMBER		H.012789	OWNER'S NAME	Jefferson Parish Government		
PROJECT LOCATION		Jefferson Parish, Louisiana		OWNER'S PROJECT MANAGER	Mark Drewes	
OWNER'S ADDRESS, PHONE, EMAIL		Yenni Building, 1221 Elmwood Park Blvd, Jefferson, LA, (985) 736-6505				
SERVICES COMMENCED BY THIS FIRM (MM/YY)		2016	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)			\$ 171
SERVICES COMPLETED BY THIS FIRM (MM/YY)		2017	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)			\$ 171

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

GEC designed the **mill and overlay** of the existing 3 lanes, shoulder, u-turn and left turn lanes on westbound Veterans Blvd. from the intersection with Severn Ave. to Clearview Pkwy. GEC also designed **two new drainage systems along with graphical grades** to reduce ponding along the roadway. This project was funded by the Department of Transportation and Development (LADOTD) and therefore was designed to LADOTD standards and **PRR guidelines utilizing letter (8.5x11) plan sheets**. A SWPPP was prepared in accordance with LADOTD requirements and a programmatic categorical exclusion was issued by LADOTD. The construction cost of this project was \$2.88 million and was completed in 2017.

Similarities to the Scope of Work

- **Overlays and Preservation**
- **Striping or Signage Improvements**
- **Embankment and Drainage**
- **Preliminary and Final Roadway Plans**
- **Environmental Permitting**

Firm Members Involved: Jerome Lohmann, PE, Brian Buckel, PE, Christopher Nipper, PE

STANDARD PLANS DESCRIPTION DB-01 (2 SHEETS) EG-01 (2 SHEETS) TC-00 (A-D) (4 SHEETS) TC-02 TC-03 TC-10 TC-12 TC-17 PR-01 PR-02 PR-03 PR-04 PR-05 PR-06 PR-08 PR-09 BR-01 (2 SHEETS) CB-00 BR-06 GR (HASH) ON-SYS (11 SHEETS) GR (HASH) OFF-SYS CP-01 (3 SHEETS) PDB-01 (3 SHEETS)	REVISION DATE 11/17/17 10/1/08 7/2/18 7/2/18 7/2/18 7/2/18 7/2/18 9/18/17 9/18/17 9/18/17 9/18/17 9/18/17 9/18/17 8/25/07 10/7/10 5/18/11 8/21/17 8/21/17 5/11/17 52/7/11	STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT URBAN SYSTEMS PROJECT PLANS OF PROPOSED PARISH ROADWAY FEDERAL AID PROJECT NO. H012783 STATE PROJECT NO. H-012783 CONTROL SECTION 000-26 WB VETERANS' SEVEN AVE - CLEARVIEW PKWY JEFFERSON PARISH
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C.S.L.N. D. 000 STA. 103+00 BEGIN PROJECT	LAYOUT MAP (NOT TO SCALE)	C.S.L.N. 1.603 STA. 188+00 END PROJECT
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TRAFFIC DATA
 2010 A.D.T.: 21,910
 2038 A.D.T.: 26,734
 D = 5%
 K = 10%
 T = 7.4%

TYPE OF CONSTRUCTION
 ASPHALT CONCRETE PAVEMENT, CONCRETE CURB,
 REINFORCED CONCRETE PAVEMENT, PAVEMENT MARKINGS, DRAINAGE, AND GUARDRAIL.
 SIDEWALK, MANHOLE PIPES, PAVEMENT MARKINGS, DRAINAGE, AND GUARDRAIL.

APPROVED: *[Signature]* 10-4-18
 DATE
 APPROVED: *[Signature]* 10/4/18
 DATE
 APPROVED: *[Signature]* 10/2/18
 DATE
 JEFFERSON PARISH
 J.E.P. ENGINEER

DATE	REVISION	DATE	RECOMMENDED	DATE	APPROVED
SCHEDULE OF REVISIONS					

NOTE:
 THE 2014 EDITION OF THE LOUISIANA ROAD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES AS AUTHORED BY THE PROJECT SPECIFICATIONS SHALL GOVERN ON THIS PROJECT.

APPROVED: *[Signature]*
 J.E.P. ENGINEER

This GEC project demonstrates our knowledge of PRR guidelines and our ability to provide letter (8.5x11) size plans (title sheet pictured).



* If there is more than one discipline included in the proposal, then indicate which discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The only disciplines to be used are: Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic.

G.E.C., INC.

FIRM NAME		G.E.C., Inc.		DISCIPLINE(S)*	Road	**	
PROJECT NAME	Mid-City RR126 Group C, RR127 Group D, and RR128 Group E					FIRM RESPONSIBILITY (PRIME OR SUB?)	Prime
PROJECT NUMBER	N/A		OWNER'S NAME	City of New Orleans			
PROJECT LOCATION	New Orleans, Louisiana			OWNER'S PROJECT MANAGER	David Pearson		
OWNER'S ADDRESS, PHONE, EMAIL		1300 Perdido Street, New Orleans, LA, David.pearson@nola.gov					
SERVICES COMMENCED BY THIS FIRM (MM/YY)		09/19	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)			\$ 1,918	
SERVICES COMPLETED BY THIS FIRM (MM/YY)		Ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)			\$ 1,918	

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

Mid-City is defined by a road network that includes almost every type of roadway classification. The neighborhood is bounded on the west by the Pontchartrain Expressway and to the south by U.S. 90 (Broad Street). Other important major arterials that bisect the neighborhood include Carrollton Avenue, a major commercial street that runs from St. Charles Avenue at the river to Esplanade Avenue at City Park, and Jeff Davis Parkway, one of the widest boulevards in New Orleans. The most important streets running along a northeast/southwest vector are Canal Street and Tulane Avenue. These streets are key commercial corridors in the neighborhood and Canal has one of the few fixed rail transit lines in the City. Mid-City experienced extensive flooding in the aftermath of Hurricane Katrina and has been involved in an ongoing rebuilding effort. The flooding exceeded 5 feet in approximately 60 percent of the neighborhood as the area has a range of elevations.

GEC was selected by the city of New Orleans to provide engineering, construction management, and inspection services for **roadway enhancement and reconstruction of damaged streets** in the neighborhood and to perform professional engineering design and construction administration services for FEMA eligible roadway repairs in the Mid-City neighborhood, district 4 in the city of New Orleans.

GEC design the **complete street reconstruction** in this neighborhood. The design required removal of existing asphalt pavement roadways and replaced with new asphalt pavement roadways including concrete base, concrete curbs, crushed stone base course, compacted granular subbase, concrete sidewalks, concrete drives and handicap ramps.

The **drainage analysis** resulted in the complete reconstruction of reinforced concrete subsurface drain lines ranging in size from 12 inch diameter to 36 inch diameter. The new drainage system included 12", 15", 18", 21", 24", 27", 30", 36" diameter pipe

GEC also provided potable water systems design and modeling, and water main tie-ins. The system consisted of 8" and 12" water mains including replacement of fire hydrants, connecting numerous water valves, water meters, miscellaneous water line fittings and water connections. GEC's design also included partial reconstruction of the gravity sewer collection system which included 8" diameter sewer mains included sewer connections.

All plans and specifications were submitted to and approved by the City of New Orleans Department of Public Works and the Sewerage and Water Board of New Orleans (S&WB). All design was in accordance with the city of New Orleans, Department of Public Works and with the Sewerage and Water Board of New Orleans requirements.

Firm Members Involved: Jerome Lohmann, PE, Cary Bourgeois, PE, Alex Flores

GEC is providing engineering and construction management services for roadway enhancement and reconstruction of damaged streets for FEMA eligible roadway repairs in the city of New Orleans.

Similarities to the Scope of Work

- **Overlays and Preservation**
- **Striping or Signage Improvements**
- **Intersection Modifications / Safety Features**
- **Embankment and Drainage**
- **Preliminary and Final Roadway Plans**
- **Environmental Permitting**

** If there is more than one discipline included in the proposal, then indicate which discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The only disciplines to be used are: Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic.*

G.E.C., INC.

FIRM NAME		G.E.C., Inc.		DISCIPLINE(S)*	Road	**
PROJECT NAME	LA 3152: Clearview Operational Improvements				FIRM RESPONSIBILITY (PRIME OR SUB?)	Prime
PROJECT NUMBER	H.008046		OWNER'S NAME	Jefferson Parish Government		
PROJECT LOCATION	Jefferson Parish, Louisiana			OWNER'S PROJECT MANAGER	Mark Drewes	
OWNER'S ADDRESS, PHONE, EMAIL		1221 Elmwood Park Blvd., New Orleans, LA 70123, (504) 736-6783, JPPW@jeffparish.net				
SERVICES COMMENCED BY THIS FIRM (MM/YY)		08/14	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)			\$ 120
SERVICES COMPLETED BY THIS FIRM (MM/YY)		08/17	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)			\$ 120

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

GEC provided engineering design services for the implementation of a Regional Planning Commission study of the Clearview Parkway corridor which is part of the LA Hwy 3152 Route in Jefferson Parish. GEC's scope included **improvements to the traffic flow and safety** for approximately 3,000 linear feet of the corridor, from Airline Drive (US Hwy 61) to West Metairie Avenue. The emphasis of this project was on short-term **Transportation System Management (TSM)** capacity and operational measures to facilitate increased traffic flow resulting from the recent Huey P. Long Bridge widening.

GEC's scope also included modifications to the median to provide left turn lanes, modifications to the intersections to provide right turn lanes, construction of new sidewalks and handicap ramps at all intersections to implement the Complete Streets concept, **a complete cold mill and overlay of the corridor, and new pavement marking and signage**. An additional turn lane was provided at Airline Drive. Waterlines with fire hydrants which were located in the median had to be relocated to accommodate the changes.

GEC provided the following services:

- field reconnaissance
- intersection safety, operational, and accessibility analysis
- traffic signal review for improved turning movements and queuing at intersections
- managed the topographic survey
- opinions of probable construction cost
- preparation of construction plans for bidding by LADOTD
- preparation of special technical specifications for bidding

Firm Members Involved: Jerome Lohmann, PE, Christopher Nipper, PE, Alejandro Flores, Thomas Swanson, PE, PTOE

GEC provided the complete cold mill and overlay of the corridor, along with intersection safety, operational, and accessibility analysis.



Similarities to the Scope of Work

- Overlays and Preservation
- Striping or Signage Improvements
- Level 2 Transportation Management Plan (TMP)
- Preliminary and Final Roadway Plans

* If there is more than one discipline included in the proposal, then indicate which discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The only disciplines to be used are: Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic.

G.E.C., INC.

FIRM NAME		G.E.C., Inc.		DISCIPLINE(S)*	Road	**	
PROJECT NAME	North Causeway Approach Road Overlay					FIRM RESPONSIBILITY (PRIME OR SUB?)	Prime
PROJECT NUMBER	N/A		OWNER'S NAME	Greater New Orleans Expressway Commission (GNOEC)			
PROJECT LOCATION	Mandeville, Louisiana			OWNER'S PROJECT MANAGER	Carlton Dufrechou		
OWNER'S ADDRESS, PHONE, EMAIL		PO Box 7656, Metairie, LA 70010, (504) 835-3118, cdufrechou@gnoec.org					
SERVICES COMMENCED BY THIS FIRM (MM/YY)		12/23	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)			\$ 265	
SERVICES COMPLETED BY THIS FIRM (MM/YY)		Ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)			\$ 265	

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

GEC provided final construction plans in accordance with AASHTO Standards and the LADOTD specifications for improvements to North Causeway Boulevard in Mandeville, LA. The purpose of the project was to **rehabilitate the existing roadway and bridge and improve safety** by upgrading the existing guard rail within the project limits.

GEC's scope includes developing final plans to produce bid documents and construction engineering and inspection services for the roadway and bridge improvements. The rehabilitation of the roadway included **milling and overlaying** the existing asphalt roadway, making any necessary **patch repairs**, providing new pavement striping and raised pavement markers, and providing new roadway signage. The existing guard rails within the project limit were redesigned to provide better safety for motorists. The existing bridge spanning Chinchuba Bayou was also rehabilitated through milling and overlaying and repairing deck joints.

GEC prepared plans with the base bid for work on GNOEC right-of-way and the afterwork bid for work on LADOTD right-of-way for the joint project between GNOEC and LADOTD.

Firm Members Involved: Cary Bourgeois, PE, Christopher Nipper, PE, Tom Swanson, PE, Mike Edwards, Roland Maurin, PE, Traci Billiot, Ricky Brumfield

Similarities to the Scope of Work

- Overlays and Preservation
- Striping or Signage Improvements
- Level 2 Transportation Management Plan (TMP)
- Safety Features

GEC's design improved safety for motorists by upgrading the existing guard rail.



* If there is more than one discipline included in the proposal, then indicate which discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The only disciplines to be used are: Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic.

G.E.C., INC.

FIRM NAME		G.E.C., Inc.		DISCIPLINE(S)*	Road	**
PROJECT NAME	LASAFE Airline and Main Complete Streets				FIRM RESPONSIBILITY (PRIME OR SUB?)	Prime
PROJECT NUMBER	N/A		OWNER'S NAME	St. John the Baptist Parish		
PROJECT LOCATION	Laplace, Louisiana			OWNER'S PROJECT MANAGER	Peter Montz	
OWNER'S ADDRESS, PHONE, EMAIL		1811 W. Airline Hwy., LaPlace, Louisiana 70068, 985-359-1037				
SERVICES COMMENCED BY THIS FIRM (MM/YY)		09/19	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)			\$ 1,241
SERVICES COMPLETED BY THIS FIRM (MM/YY)		07/24	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)			\$ 996

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

GEC provided all necessary engineering design for the Airline and Main Complete Streets project, a resilient infrastructure and community nonstructural mitigation/flood risk reduction project in LaPlace. The vision for this project is to serve as an example project of how to plan for a future of heightened flood risk in a low risk area by incorporating storm water management strategies into public infrastructure projects while providing residents with enhanced active transportation options for the corridor, providing an opportunity to retrofit the corridor into a more walkable, livable space while allowing consistency with LADOTD project guidelines. The scope of services ranged from civil engineering design, environmental engineering, traffic engineering, topographic survey in accordance with LADOTD standards, SUE, geotechnical investigation, water and sanitary sewer relocation, and landscaping services (green infrastructure component along the drainage ditches), along with bidding, construction administration, and resident inspection services. Funding for this project was secured through the National Disaster Resilience Competition (NDRC), sponsored by the U.S. Department of Housing and Urban Development (HUD) for LASAFE – Louisiana's Strategic Adaptations for Future Environments.

GEC developed typical sections and preliminary layout, which consisted of a 10' and 5' sidewalk along the north side of US 61. Existing ditches had pipes added and were reshaped to provide detention ponds to reduce time of concentration. Along Main St. (LA 44), GEC designed parallel parking utilizing decorative brick and permeable base to reduce time of concentration. **LA 44 was also rehabbed with a mill and overlay.** GEC also performed the design and illumination of the shared use path along Airline Highway that connects to Main St. (LA 44) and accommodates pedestrians and bicyclists. This included additional illumination design for the park which contains educational components related to LASAFE strategies incorporated into the design. This project included a **Level 2 Transportation Management Plan (TMP).**

GEC conducted field surveys for a wetland delineation within the project footprint and prepared a wetland delineation report that was submitted to the New Orleans Corps of Engineers to request a Preliminary Jurisdictional Determination (JD). GEC also prepared and submitted Corps of Engineers Section 404 Wetland permit application, Louisiana Department of Natural Resources Coastal Use permit application, and requested a Letter of No Objection from the Pontchartrain Levee Board for activities proposed within 1,500 feet of the Mississippi River Main Line Levee. GEC coordinated with all three agencies through the completion of each permit or request.

GEC engineers calculated preliminary quantities and developed a preliminary estimated construction cost. The final engineering plans and specifications were completed in accordance with the LADOTD Roadway Design Procedures and Details Manual. Additionally, staff developed fees for all costs from surveying to construction.

Firm Members Involved: Cary Bourgeois, PE, Jerome Lohmann, PE, Christopher Nipper, PE, Jonathan Philley, EI, Mickey Prattini Jr., PE, Tom Swanson, PE, PTOE, Zachary Boylan, PE

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G.E.C., INC.

This project includes the design of a roadway with Complete Streets and Green Infrastructure design elements in accordance with LADOTD Roadway Design Procedures and Details Manual.

Similarities to the Scope of Work

- **Overlays and Preservation**
- **Striping or Signage Improvements**
- **Intersection Modifications / Safety Features**
- **Embankment and Drainage**
- **Preliminary and Final Roadway Plans**
- **Environmental Permitting**
- **Transportation Management Plan (TMP)**



FIRM NAME		Lazenby & Associates, Inc.		DISCIPLINE(S)*	Road	**	
PROJECT NAME		Finks Hide-A-Way: Barkley-Bayou Oaks				FIRM RESPONSIBILITY (PRIME OR SUB?)	Prime
PROJECT NUMBER		H.013805		OWNER'S NAME	Ouachita Parish Police Jury		
PROJECT LOCATION		Ouachita Parish, Louisiana			OWNER'S PROJECT MANAGER	John Tom Murray	
OWNER'S ADDRESS, PHONE, EMAIL		P.O. Box 3007, Monroe, LA 71210, Telephone: (318)387-2383, e-mail: jtmurray@oppj.org					
SERVICES COMMENCED BY THIS FIRM (MM/YY)		01/24		TOTAL CONSULTANT CONTRACT COST (\$1,000'S)			\$510.9
SERVICES COMPLETED BY THIS FIRM (MM/YY)		06/24		COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)			\$510.9

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

Lazenby & Associates, Inc. was the prime consultant on this project, which is a pavement preservation project on a local Ouachita Parish roadway. The project involved both a mill, patch, and overlay segment and a segment which required base course reconstruction with asphalt concrete overlay. The project also included the replacement of numerous drainage structures and deficient guardrail.

This project was funded through the Louisiana Department of Transportation and Development's Urban System Program.

Firm Members Involved: Kevin E. Crosby, P.E., P.L.S., Ronald J. Riggin, II, P.E., James S. Ellingburg, P.E., Hagan Lawrence, P.E., Noah Sampognaro, P.E.



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G.E.C., INC.

FIRM NAME	Lazenby & Associates, Inc.			DISCIPLINE(S)*	Road	**	
PROJECT NAME	Rowland Road (LA 139 – LA 594)					FIRM RESPONSIBILITY (PRIME OR SUB?)	Prime
PROJECT NUMBER	H.014398		OWNER’S NAME	Ouachita Parish Police Jury			
PROJECT LOCATION	Ouachita Parish, Louisiana			OWNER’S PROJECT MANAGER	John Tom Murray		
OWNER’S ADDRESS, PHONE, EMAIL		P.O. Box 3007, Monroe, LA 71210, Telephone: (318)387-2383, e-mail: jtmurray@oppj.org					
SERVICES COMMENCED BY THIS FIRM (MM/YY)		01/21	TOTAL CONSULTANT CONTRACT COST (\$1,000’S)			\$227.8	
SERVICES COMPLETED BY THIS FIRM (MM/YY)		09/21	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000’S)			\$227.8	

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

Lazenby & Associates, Inc. was the prime consultant on this project, which is a pavement preservation project on a local Ouachita Parish roadway. The project involved a mill, patch, and overlay segment. The project also included the replacement of numerous drainage structures.

This project was funded through the Louisiana Department of Transportation and Development's Urban System Program.

Firm Members Involved: Kevin E. Crosby, P.E., P.L.S., Ronald J. Riggin, II, P.E., James S. Ellingburg, P.E., Hagan Lawrence, P.E.

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G.E.C., INC.

FIRM NAME	Lazenby & Associates, Inc.		DISCIPLINE(S)*	Road	**
PROJECT NAME	Wall Williams (Good Hope – Whites Ferry)				FIRM RESPONSIBILITY (PRIME OR SUB?) Prime
PROJECT NUMBER	H.013804	OWNER’S NAME	Ouachita Parish Police Jury		
PROJECT LOCATION	Ouachita Parish, Louisiana			OWNER’S PROJECT MANAGER	John Tom Murray
OWNER’S ADDRESS, PHONE, EMAIL	P.O. Box 3007, Monroe, LA 71210, Telephone: (318)387-2383, e-mail: jtmurray@oppj.org				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	04/20	TOTAL CONSULTANT CONTRACT COST (\$1,000’S)			\$254.5
SERVICES COMPLETED BY THIS FIRM (MM/YY)	07/21	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000’S)			\$254.5

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

Lazenby & Associates, Inc. was the prime consultant on this project, which is a pavement preservation project on a local Ouachita Parish roadway. The project involved both a mill, patch, and overlay segment and a segment which required base course reconstruction with asphalt concrete overlay. The project also included the replacement of numerous drainage structures, including the replacement of a structurally deficient timber bridge with a 3 – 8' x 7' Precast Reinforced Concrete Box Culvert. Lazenby & Associates performed topographic surveying in support of pavement preservation plan preparation, prepared preliminary and final pavement preservation plans, and performed hydrology and hydraulic calculations to replace the deficient bridge and numerous drainage structures.

This project was funded through the Louisiana Department of Transportation and Development's Urban System Program.

Firm Members Involved: Kevin E. Crosby, P.E., P.L.S., James R. Spillers, P.E., James S. Ellingburg, P.E., Hagan Lawrence, P.E.



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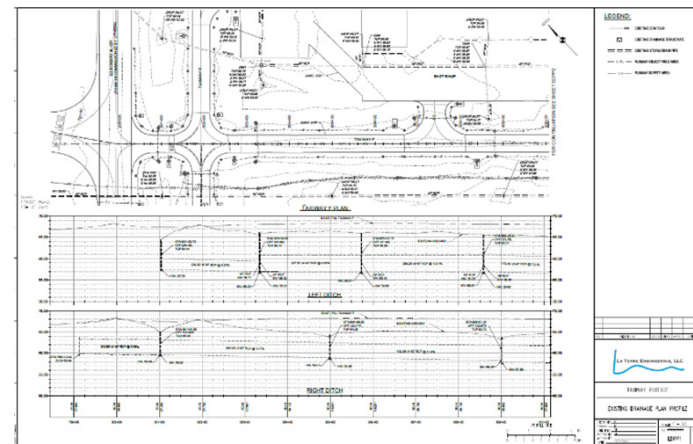
G.E.C., INC.

FIRM NAME	La Terre Engineering LLC	DISCIPLINE(S)*	Road	**
PROJECT NAME	Baton Rouge Metropolitan Airport Taxiway F Reconstruction			FIRM RESPONSIBILITY (PRIME OR SUB?) Sub
PROJECT NUMBER	22-ES-BTR-012	OWNER'S NAME	Baton Rouge Metropolitan Airport	
PROJECT LOCATION	Baton Rouge, Louisiana		OWNER'S PROJECT MANAGER	Adam Fields, PE (Prime)
OWNER'S ADDRESS, PHONE, EMAIL	700 Main Street, Suite 405, Baton Rouge, LA, 225.388.4219, fieldsadam@stanleygroup.com			
SERVICES COMMENCED BY THIS FIRM (MM/YY)	03/24	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)		\$65
SERVICES COMPLETED BY THIS FIRM (MM/YY)	Ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)		\$65

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

La Terre Engineering, LLC (LTE) is a subconsultant providing engineering design services for the widening and reconstruction of existing Taxiway F at the Baton Rouge Metropolitan Airport (BTR). BTR is seeing an increase in demand for apron and taxiway access by larger privately owned general aviation aircraft. With the increase in size of aircraft being used in this area comes the need to widen the existing 40' wide segment of Taxiway F that is only currently designed to accommodate Taxiway Design Group II (TDG- II) aircraft to a 50' wide taxiway that could potentially accommodate up to a TDG-IV aircraft.

LTE is responsible for evaluating the existing subsurface drainage system in accordance FAA AC 150/5320-5D Airport Drainage Design and prepare recommendations, preliminary and final construction documents for required subsurface drainage improvements.



Firm Members Involved: Seneca Toussant, PE, Lyle Tynes, EI, Roman Hundley

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G.E.C., INC.

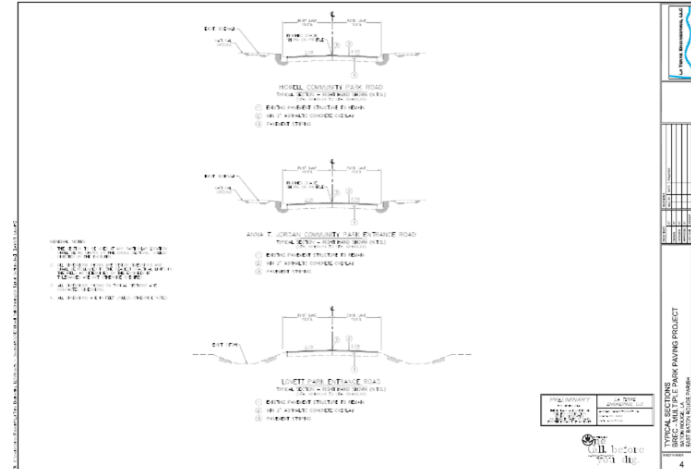
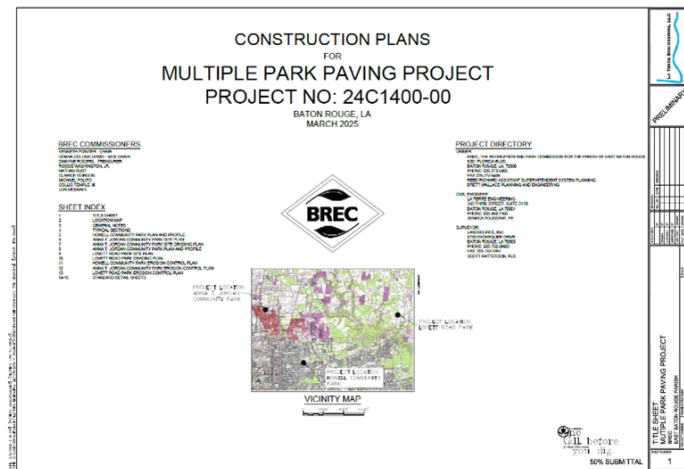
FIRM NAME		La Terre Engineering LLC		DISCIPLINE(S)*	Road	**
PROJECT NAME	BREC Multiple Park Paving Project				FIRM RESPONSIBILITY (PRIME OR SUB?)	Prime
PROJECT NUMBER	24C1400-00		OWNER'S NAME	Recreation and Park Commission for the Parish of East Baton Rouge		
PROJECT LOCATION	Baton Rouge, Louisiana			OWNER'S PROJECT MANAGER	Steven Lumpkin, PLA, PMP, CPSI	
OWNER'S ADDRESS, PHONE, EMAIL		6201 Florida Blvd, Baton Rouge, LA 70806, Steven.lumpkin@brec.org				
SERVICES COMMENCED BY THIS FIRM (MM/YY)		11/24	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)			\$84
SERVICES COMPLETED BY THIS FIRM (MM/YY)		Ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)			\$65

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

La Terre Engineering, LLC (LTE) providing design and construction administration services to the Recreation and Park Commission for the Parish of East Baton Rouge (BREC) for the three (3) BREC park locations:

- Howell Community Park (5509 Winborne Avenue, Baton Rouge, LA 70805)
- Anna T. Jordan Community Park (1750 Stilt Street, Baton Rouge, LA 70807)
- Lovett Road Park (13443 Lovett Road, Baton Rouge, LA 70818)

LTE's scope of work includes preliminary investigations and the preparation of plans for the removal and replacement of existing asphalt roadways and parking at the three facilities. Plans will also include associated drainage and utility improvements as required. LTE will also provide bidding, construction administration and project closeout services.



Firm Members Involved: Seneca Toussant, PE, Lyle Tynes, EI, Roman Hundley

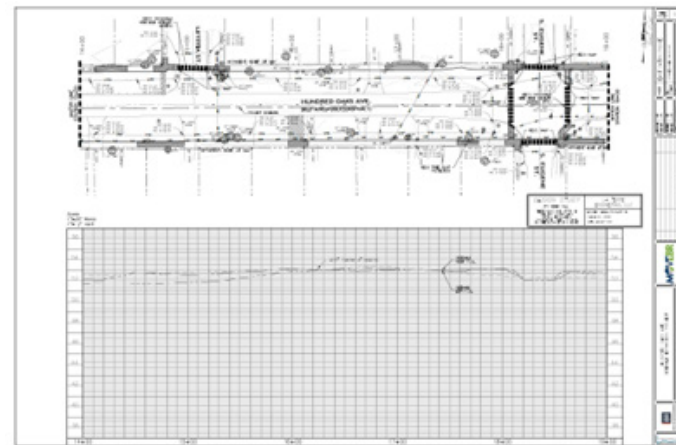
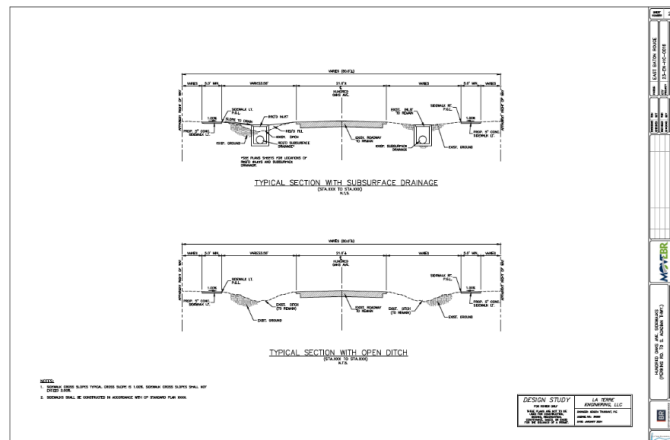
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G.E.C., INC.

FIRM NAME	La Terre Engineering LLC		DISCIPLINE(S)*	Road	**
PROJECT NAME	Hundred Oaks Avenue Sidewalk Project			FIRM RESPONSIBILITY (PRIME OR SUB?)	Prime
PROJECT NUMBER	23-EN-HC-0016	OWNER'S NAME	City of Baton Rouge/Parish of East Baton Rouge		
PROJECT LOCATION	Baton Rouge, Louisiana	OWNER'S PROJECT MANAGER	Alex Farr, PE		
OWNER'S ADDRESS, PHONE, EMAIL	Address				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	09/23	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)	\$ 94		
SERVICES COMPLETED BY THIS FIRM (MM/YY)	11/24	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)	\$ 77		

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

Hundred Oaks Avenue is a two-lane roadway located in the Garden District area of Baton Rouge, Louisiana. La Terre Engineering LLC (LTE) was selected by the City of Baton Rouge to provide engineering and design services for approximately 1/2 mile of sidewalks along Hundred Oaks Avenue from Perkins Road to South Acadian Thruway. The project consists of expanding the existing sidewalks on the north and south sides of Hundred Oaks Ave. and adding additional sidewalks to increase pedestrian mobility and address American Disabilities Act (ADA) non-compliance. LTE's scope of work also included required drainage improvements.



Firm Members Involved: Seneca Toussant PE, Lyle Tynes EI, Roman Hundley

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G.E.C., INC.

FIRM NAME		T2 UES, Inc.		DISCIPLINE(S)*	Other (SUE Services)	**	
PROJECT NAME	I-49 Lafayette Connector					FIRM RESPONSIBILITY (PRIME OR SUB?)	Sub
PROJECT NUMBER	H.004273.5		OWNER'S NAME	LADOTD (Prime Stantec)			
PROJECT LOCATION	Lafayette Parish, Louisiana			OWNER'S PROJECT MANAGER	Stephen Wallace		
OWNER'S ADDRESS, PHONE, EMAIL		1200 Brickyard Lane, Suite 400, Baton Rouge, LA 70802 225-765-7400 Stephen.Wallace@Stantec.com					
SERVICES COMMENCED BY THIS FIRM (MM/YY)		07/15	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)			\$1,417	
SERVICES COMPLETED BY THIS FIRM (MM/YY)		Ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)			\$1,417	

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

T2ue provided records research (CI/ASCE 38-02 Quality Level D), designating (CI/ASCE 38-02 Quality Level B) and locating (CI/ASCE 38-02 Quality Level A) subsurface utility engineering throughout the 7-mile project corridor. T2ue was given multiple subsurface utility engineering tasks in the process of aiding the design team. T2ue developed a comprehensive map based on record collection and discussions with utility representatives. From this, the design team had a preliminary utility map to determine larger systems to avoid during preliminary design. Once the Quality Level D map was complete T2ue began its field investigation of Quality Level B designating. This immense task required major coordination efforts to schedule crews for T2ue and the multiple survey crews on the team to ensure that the utility markings were collected timely and correctly. T2ue was able to bring in resources from other regions to increase the productivity of the local crews and meet project milestones. The mapping data from both survey firms was compiled into an organized central location in order to properly review. This review is a part of T2ue's stringent Quality Control process that goes into projects large and small and overseen by experienced Subsurface Utility Engineering professionals. After compiling the Quality Level B map, T2ue began its Quality Level A portion of the project to establish elevations on critical utility systems as well as unknown utilities found in the Quality Level B mapping. T2ue's overall efforts established an extensive Quality Level B map with Quality Level A information throughout the project corridor in combination with the Utility Coordination to keep utility owners aware of the mapping progress.

Firm Members Involved: Suzanne McCain, PE, LSI, Daryl Thie, PLS, Troy Font

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G.E.C., INC.

FIRM NAME	T2 UES, Inc.		DISCIPLINE(S)*	Other (SUE Services)	**
PROJECT NAME	I-10: LA 415 to Essen Lane to I-10 and I-12			FIRM RESPONSIBILITY (PRIME OR SUB?)	Sub
PROJECT NUMBER	H.004100.5	OWNER'S NAME	LADOTD (Prime NTB Associates, Inc.)		
PROJECT LOCATION	West and East Baton Rouge Parishes, Louisiana		OWNER'S PROJECT MANAGER	Bryan Bunch, PLS	
OWNER'S ADDRESS, PHONE, EMAIL	8643 Main Street, Zachary, LA 70791 225.751.4002 bbunch@ntbainc.com				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	01/18	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)			\$1,000
SERVICES COMPLETED BY THIS FIRM (MM/YY)	06/20	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)			\$1,000

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

T2ue provided records research (CI/ASCE 38-02 Quality Level D) and designating (CI/ASCE 38-02 Quality Level B) subsurface utility engineering throughout the 10-mile project corridor. T2ue worked with another SUE Firm on the team to develop a comprehensive map based on record collection and discussions with utility representatives. From this, the design team would have a preliminary utility map to use for reference to determine larger systems to avoid during preliminary design. While the Quality Level D map was being completed, T2ue began its field investigation of Quality Level B designating. This immense task required major coordination efforts to schedule crews for T2ue and the survey crews on the team to ensure that the utility markings were collected timely and correctly. T2ue was able to bring in resources from other regions to increase the productivity of the local crews and meet project milestones. The mapping data from the survey firm was compiled into an organized central location to properly review. This review is a part of T2ue's stringent Quality Control process that goes into projects large and small and overseen by experienced SUE professionals. T2ue's overall efforts established an extensive Quality Level B map within its area of responsibility.

Firm Members Involved: Suzanne McCain, PE, LSI, Troy Font

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G.E.C., INC.

FIRM NAME		T2 UES, Inc.		DISCIPLINE(S)*	Other (Utility Coordination)		**
PROJECT NAME		Belle Chasse Bridge and Tunnel Replacement				FIRM RESPONSIBILITY (PRIME OR SUB?)	Sub
PROJECT NUMBER		H.004791		OWNER'S NAME	LADOTD (Prime Traylor-Massman Joint Venture)		
PROJECT LOCATION		Plaquemines Parish, Louisiana			OWNER'S PROJECT MANAGER	Lynette Buttler	
OWNER'S ADDRESS, PHONE, EMAIL		158 N. Tunnel Road, Belle Chasse, LA 70037 985-258-0755 lbuttler@traylor.com					
SERVICES COMMENCED BY THIS FIRM (MM/YY)		01/20	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)				\$ 550
SERVICES COMPLETED BY THIS FIRM (MM/YY)		Present	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)				\$ 550

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

T2ue was provided with SUE drawings for the project limits of the Belle Chasse Bridge and Tunnel replacement. With this information, before project award, T2ue developed a detailed conflict matrix identifying potential conflicts between the preliminary design and existing utilities. After project award, we quickly moved into Utility Coordination. A meeting was held with all affected utility providers, DOTD, the designers and the contractor. Each utility provider was given a map of the SUE survey for their services to compare with their records. Subsequent meetings have been held with individual utility companies to review in detail which services will need to be relocated. T2ue created a KMZ file containing all utility services, the project centerline, edges of the roadway, required right-of-way lines, and sub-surface drainage structures. This gives us a scale drawing in real-world coordinates that we can take into the field to confirm utility conflicts and possible locations for utility relocation. T2ue has prepared Engineering Authorization Agreements to each utility provider to alert them to begin the engineering process for their relocation plans. As these plans are being prepared, close coordination between all utility providers, T2ue, the contractor and designers will be necessary to ensure the smooth installation of new facilities in a timely manner.

Firm Members Involved: Suzanne McCain, PE, LSI

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G.E.C., INC.

FIRM NAME	Ardaman & Associates, Inc.		DISCIPLINE(S)*	Geotech		**
PROJECT NAME	I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167)				FIRM RESPONSIBILITY (PRIME OR SUB?)	Sub
PROJECT NUMBER	H.004273.5		OWNER'S NAME	LADOTD (Client: Stantec)		
PROJECT LOCATION	Lafayette Parish, Louisiana			OWNER'S PROJECT MANAGER	Chris Nickel	
OWNER'S ADDRESS, PHONE, EMAIL		1201 Capitol Access Road, Baton Rouge, LA 225.379.1100 Chris.Nickel@la.gov				
SERVICES COMMENCED BY THIS FIRM (MM/YY)		07/15	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)			\$21,000
SERVICES COMPLETED BY THIS FIRM (MM/YY)		Ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)			\$1,889

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

The overall project includes construction of a freeway with accompanying interchanges in the Evangeline Thruway US 90/US 167 corridor and flanking collector/distributor roads for local traffic circulation and land access. The project begins just south of the Lafayette Regional Airport and continues north to the I-10/US 167/I-49 interchange, a length of approximately five miles, 3.5 of which consist of elevated structure. The project includes one three-level directional interchange at Kaliste Saloom Road (majority of interchange on structure); two full diamond interchanges at University/Surrey Street and Willow Street; two single point diamond interchanges at Johnston Street and 2nd/3rd Streets with associated railroad grade separations and arterial cross street studies involved; and various cross street connections at Pinhook Road, Jefferson Street, Mudd/Simcoe Street, Donlon Street, Castille/Martin Luther King Road and several minor streets.

The scope of services for this project includes preconstruction engineering design and related services for the construction of 5 miles of freeway consisting of a 3.5 mile-elevated structure that will include pile supported approach slabs, pile foundations, slope stability, pavement recommendations, embankment settlement, development of an advanced load test program, earth retaining structures, pavement design recommendations, and development of a design report presenting the geotechnical recommendations. The goal of the project is to design and construct the freeway and connecting infrastructure within the parameters and commitments of the selected alternative. Ardaman is currently conducting the geotechnical field investigation which consists of approximately 400 deep and shallow borings and Cone Penetrometer (CPT) soundings (including field reconnaissance, gaining rights of entry, completing utility location, GPS location and water table elevations), laboratory testing, and geotechnical engineering analyses and design for this project.



Firm Members Involved: Robert Jewell, Megan Bourgeois, Robert Rousset, Jarmon King

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G.E.C., INC.

FIRM NAME	Ardaman & Associates, Inc.		DISCIPLINE(S)*	Geotech	**
PROJECT NAME	Nicholson Drive (LA HWY 30) Segment 1				FIRM RESPONSIBILITY (PRIME OR SUB?) Sub
PROJECT NUMBER	H.002825	OWNER'S NAME	LADOTD		
PROJECT LOCATION	East Baton Rouge Parish, Louisiana			OWNER'S PROJECT MANAGER	Chris Nickel
OWNER'S ADDRESS, PHONE, EMAIL	1201 Capitol Access Road, Baton Rouge, LA 225.379.1100 Chris.Nickel@la.gov				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	06/20	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)			\$9
SERVICES COMPLETED BY THIS FIRM (MM/YY)	10/20	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)			\$9

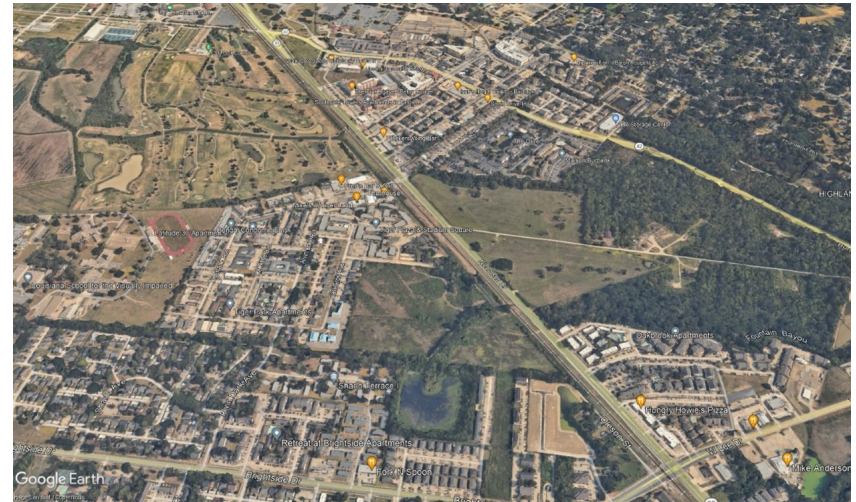
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

The project consisted of the reconstruction and widening of a section of Nicholson Drive between the intersections of Brightside Lane and Burbank Drive. Ardaman performed a geotechnical investigation to analyze the existing soil conditions at the cross-drain locations. This information was supplemented with existing soil boring logs from previous investigations to provide the pavement design recommendations.

The field investigation, conducted in accordance with the MOVEBR Design Guidelines, included thirteen (13) shallow soil borings and two (2) deep soil borings. The shallow soil borings were drilled to a depth of 6 feet below existing ground surface (bgs) and the deep soil borings were terminated at 40 feet in depth.

Laboratory testing was performed on select samples. The engineering analyses included earthwork considerations, culvert recommendations, including bedding and bearing capacity, and pavement recommendations in accordance with LADOTD specifications.

Firm Members Involved: Robert Jewell, Megan Bourgeois, Robert Rousset, Jarmon King



** If there is more than one discipline included in the proposal, then indicate which discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The only disciplines to be used are: Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic.*

G.E.C., INC.

FIRM NAME		Ardaman & Associates, Inc.		DISCIPLINE(S)*	Geotech	**
PROJECT NAME	I-12 to Bush – Route LA 3241 (LA 36 – LA 435) Segment 2				FIRM RESPONSIBILITY (PRIME OR SUB?)	Sub
PROJECT NUMBER	H.004435		OWNER’S NAME	LADOTD (Client: Shread-Kuyrkendall)		
PROJECT LOCATION	St. Tammany Parish, Louisiana			OWNER’S PROJECT MANAGER	Chris Nickel	
OWNER’S ADDRESS, PHONE, EMAIL		1201 Capitol Access Road, Baton Rouge, LA 225.379.1100 Chris.Nickel@la.gov				
SERVICES COMMENCED BY THIS FIRM (MM/YY)		04/14	TOTAL CONSULTANT CONTRACT COST (\$1,000’S)			\$3,197
SERVICES COMPLETED BY THIS FIRM (MM/YY)		Ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000’S)			\$460

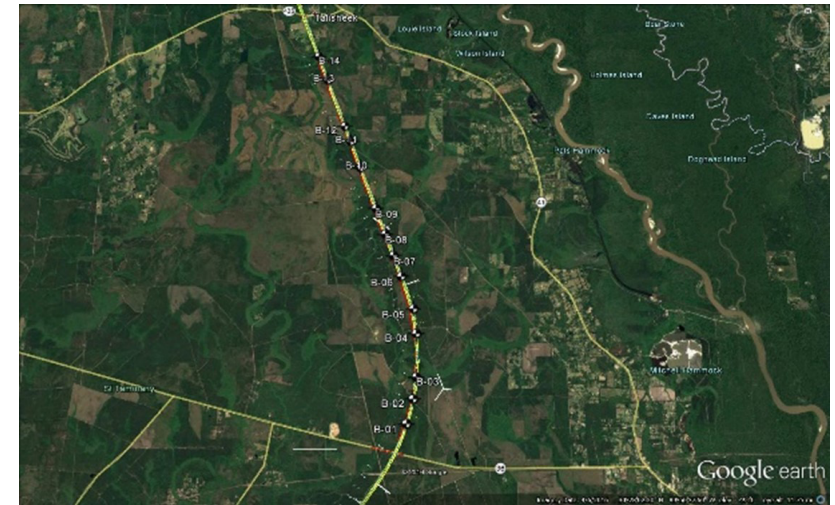
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

As part of the TIMED Program, the project consists of design of a new highway which ties into I-12 at the existing I-12/LA 434 Interchange (Exit 74) and proceeds northerly along LA 434 for approximately 2.5 miles then leaves the existing highway and proceeds on new alignment until it connects with an abandoned railroad corridor approximately 1.7 miles north of LA 36. The alignment then follows the abandoned railroad alignment north and ties into the intersection of LA 40 and LA 41. The project is divided into three distinct project segments for which Ardaman was on the teams selected for Segments 2 and 3.

Segment 2 consists of an 8-mile alignment between LA 36 and LA 435 including two bridge structures and 8 culvert structures. The field investigation, conducted in accordance with LADOTD specifications, included field reconnaissance including access and gaining rights of entry, completing utility locations, locating/staking boring locations, and developing a plan for the initial mobilization of equipment to the site and mobilization between sites. The project consisted of 32 deep soil borings, 10 intermediate culvert borings, and 88 shallow roadway borings, sampling, and laboratory testing along the alignment. Global Positioning System (GPS) data was collected at each soil boring location along with groundwater level readings.

Soil boring logs were created in LADOTD format. Ardaman also provided geotechnical analyses and recommendations according to LRFD guidelines that included recommended pile capacities, culvert bearing capacities, embankment settlement analyses, and a pile data table.

Firm Members Involved: Robert Jewell, Megan Bourgeois, Robert Rousset



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G.E.C., INC.

FIRM NAME		Vectura Consulting Services, LLC		DISCIPLINE(S)*	Traffic	**
PROJECT NAME	Stage 0 Feasibility Study – US 190/Fremaux Avenue Sidewalk Study				FIRM RESPONSIBILITY (PRIME OR SUB?)	Sub
PROJECT NUMBER	H.972462.1		OWNER’S NAME	New Orleans Regional Planning Commission		
PROJECT LOCATION	Slidell, Louisiana			OWNER’S PROJECT MANAGER	Nelson Hollings	
OWNER’S ADDRESS, PHONE, EMAIL		10 Veterans Boulevard, New Orleans, LA 70124; 504-483-8523; nhollings@norpc.org				
SERVICES COMMENCED BY THIS FIRM (MM/YY)		12/23	TOTAL CONSULTANT CONTRACT COST (\$1,000’S)			\$65
SERVICES COMPLETED BY THIS FIRM (MM/YY)		07/24	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000’S)			\$30

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

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

Task 1 Data Collection

Vectura collected the following traffic data for 10 intersections:

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

Task 2 Traffic Study

This task included the following elements:

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

Task 3 Safety Analyses

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

Firm Members Involved: Kristen Farrington, Gustavo Clavijo, Cade Nelson, Brin Ferlito and Laurence Lambert

** If there is more than one discipline included in the proposal, then indicate which discipline(s) this project is being used to represent. ** This field cannot be left blank and N/A is not acceptable. The only disciplines to be used are: Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic.*

G.E.C., INC.

FIRM NAME	Vectura Consulting Services, LLC		DISCIPLINE(S)*	Traffic	**
PROJECT NAME	US 11 (Front St.) at US 190 Bus. (Fremaux Ave.) Traffic Study				FIRM RESPONSIBILITY (PRIME OR SUB?) Sub
PROJECT NUMBER	N/A	OWNER'S NAME	City of Slidell		
PROJECT LOCATION	Slidell, Louisiana		OWNER'S PROJECT MANAGER	Eric Lundin	
OWNER'S ADDRESS, PHONE, EMAIL	250 Bouscaren St. Slidell, LA 70458, 985-646-4320, elundin@cityofslidell.org				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	9/17	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)			unknown
SERVICES COMPLETED BY THIS FIRM (MM/YY)	11/17	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)			\$38.8

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

Vectura was hired as a sub-consultant to the prime consultant to perform a traffic study for the City of Slidell as part of improvements to the intersection of US 11 (Front St.) at US 190 Bus. (Fremaux Ave.). The goal of the study was to determine if a pedestrian crossing and pedestrian traffic signal heads were warranted. To conduct the pedestrian study, the following tasks were performed by Vectura:

Data Collection

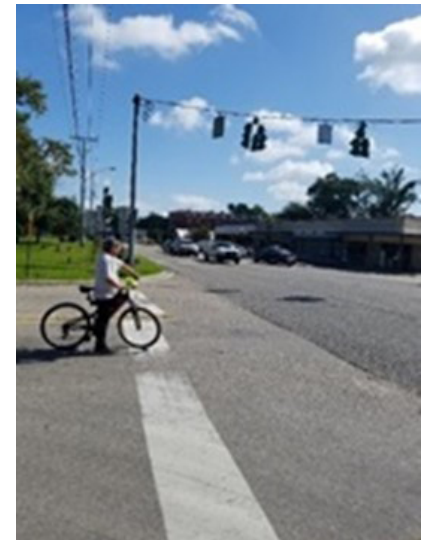
- AM and PM peak hour turning movement counts for five intersections
- AM / PM peak 15-minute turning movement counts for 10 driveways on Fremaux Ave.
- 24-hour traffic approach volumes, speed data, crash history and sight distance for the intersection of US 190 Bus. (Fremaux Ave.) @ US 11 (Front St).
- Weekday and weekend pedestrian counts for the intersection of US 190 Bus. (Fremaux Ave.) @ US 11 (Front St).

Draft Traffic Study

This task included a Crosswalk Traffic Study for US 190 Bus. (Fremaux Ave.) @ US 11 (Front St.) as Per DTOE, Traffic Engineering Manual (TEM) Section 3B.2.9, Section 20.2 & EDSM VI.3.1.6 Section 6.

This task included the following elements:

- Developed three-year crash analyses
- Performed pedestrian crosswalk warrants as per TEM Section 3B.2.9
- Performed Vistro and HCS analyses for AM and PM Peak existing conditions, Implementation and design year conditions. The analyses included intersection and segment levels of service as well as signal timing and progression for the five intersections.
- Developed traffic study and electronic files. The Study documented how traffic will be routed with the proposed median on Fremaux Ave., the impacts to Front St., and conflict analysis for the crosswalks and pedestrian heads.



Firm Members Involved: Brin Ferlito, Laurence Lambert, and Bridget Robicheaux

** If there is more than one discipline included in the proposal, then indicate which discipline(s) this project is being used to represent. ** This field cannot be left blank and N/A is not acceptable. The only disciplines to be used are: Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic.*

G.E.C., INC.

FIRM NAME	Vectura Consulting Services, LLC		DISCIPLINE(S)*	Traffic	**
PROJECT NAME	South Range Road Safety and Operational Enhancements Stage 0				FIRM RESPONSIBILITY (PRIME OR SUB?) Sub
PROJECT NUMBER	T-1.24RR	OWNER'S NAME	New Orleans Regional Planning Commission		
PROJECT LOCATION	Tangipahoa Parish, Louisiana		OWNER'S PROJECT MANAGER	Nelson Hollings	
OWNER'S ADDRESS, PHONE, EMAIL	10 Veterans Boulevard, New Orleans, LA 70124; 504-483-8523; nhollings@norpc.org				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	12/23	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)			\$55
SERVICES COMPLETED BY THIS FIRM (MM/YY)	07/24	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)			\$40

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

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

Task 1 Data Collection

Vectura collected the following traffic data for 10 intersections:

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

Task 2 Traffic Study

This task included the following elements:

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

Task 3 Safety Analyses

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

Firm Members Involved: Kristen Farrington, Gustavo Clavijo, Cade Nelson, Reece Rodrigue, Brin Ferlito and Laurence Lambert

** If there is more than one discipline included in the proposal, then indicate which discipline(s) this project is being used to represent. ** This field cannot be left blank and N/A is not acceptable. The only disciplines to be used are: Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic.*

G.E.C., INC.

18. Approach and Methodology

IDIQ Contract for Pavement Preservation Services, Statewide (District 05)

Summary of Experience

G.E.C., Inc. (GEC) is pleased to offer LADOTD a team significantly experienced in the delivery of LADOTD projects, which includes projects that aim to preserve the pavement on the existing system such as major and minor rehabilitation, preventative maintenance projects, and improving operational efficiency through transportation systems management (TSM).

GEC, along with team members Lazenby, LaTerre, Ardaman, T2UE, and Vectura, provides LADOTD all required services to meet the needs of this IDIQ contract.

This team will offer LADOTD a full-service suite of professionals to perform the anticipated typical services required as a part of this contract including: surveying, geotechnical exploration, preliminary and final roadway plans, cost estimates, hydraulic analysis and design, road design services during the environmental process, storm water pollution plans, development of special provisions, design exceptions and waivers, quality plan reviews, construction support, and more to provide the highest quality and success for projects to advance to successful construction.

Scope Understanding

The GEC Team understands the importance of Districts having an IDIQ as a valuable tool to assist in delivering the pavement preservation program. We understand that many of the preservation projects are designed with in-house District staff, but that from time to time, due to increased funding and delivery of the program, District 05 require additional resources. **GEC is available and ready to step in and work with you to deliver the roadway preservation program on time, obligating the District 05 funding before and by the deadline.** We understand the importance of preserving the integrity of our roadways. **When we think of our pavement as an investment, it is easier to understand how important it is to safeguard, protect, and extend.** Pavement preservation activities have numerous beneficial impacts such as extending pavement life, improving motorists' safety and satisfaction, saving public tax dollars, promoting environmental sustainability, and reducing delays.

The GEC Team understands the types of projects that may be issued as a part of this contract and is well versed in LADOTD's typical sequence of project development. For this IDIQ, the approach will vary depending on the scope and any previous studies and work that may have already been performed. We understand the District's Highway Priority Program and the goals for prospective outcomes as well as the annual obligation of the federal funding budget partitions. The GEC Team stands ready to serve as an extension of LADOTD staff to provide effective design solutions while implementing cost-saving methods where identified while being responsive & attentive throughout the project.

Approach

The GEC Team implements protocols to ensure effective task order management, not only as it relates to this project, but all projects GEC is contracted to complete. GEC's proposed Project Manager, Christopher Nipper, PE, will serve as primary contact and will manage the completion of deliverables in adherence to the approved schedule.

Christopher Nipper has nearly 10 years of roadway design and management, including projects in accordance with LADOTD standards. He provided all road and hydraulic design for the College Dr. Flyover Design-Build project, affording him detailed understanding of LADOTD policies and procedures. In addition, he spent the first two years of his career in the LADOTD Road Section.

Mr. Nipper will first work to gain a clear understanding of LADOTD's needs and goals through effective communication and we will maintain this communication throughout the project, execute task orders in a timely manner, identify stakeholders (permitting agencies, landowners, utilities, railroads, & others as appropriate) and provide contract management that includes delivery on schedule, maintaining the budget, and management of design staff as they design one or multiple projects in a given time.

GEC's 38 year portfolio of road and bridge projects is diverse, ranging from pavement preservation projects and overlays for local 2-lane roadways to multi-lane urban roadways and interstate widening. Our team of professional engineers and support staff have significant experience in the design of all major AASHTO highway classifications. GEC has maintained a core team of engineers that specialize in transportation projects in our Baton Rouge Headquarters and Metairie offices supported by technical staff. As seen in our portfolio of projects, GEC has performed road design services for pavement preservation projects on state routes, whether it was directly through contract with LADOTD or through permit for a municipality.

An example task order for this project could include a rehabilitation project to mill & overlay. The GEC Team has prepared numerous engineering plans, surveys, pavement borings, and performed CE&I for these types of projects. Our proven approach (see *Project Solutions*) includes field investigations, research of data, & discussions/coordination with District staff and stakeholders. During this process, data may reveal pavement conditions that are different than originally known. These need to be addressed in the design so that cost estimates are accurate and change orders during construction are minimized.

The LA 3152: Clearview Operational Improvements project emphasized traffic management & modifications including pavement rehab. GEC provided engineering services, including a Level 2 TMP, emphasizing Transportation Systems Management capacity & operational measures to facilitate increased traffic flow resulting from the recent Huey P. Long Bridge widening. GEC's scope include modifications to the median, providing left turn lanes, modifications to intersections to provide right turn lanes, Complete Streets concepts, milling & overlay, and new pavement marking & signage.

Methodology

The GEC Team will follow the standard steps outlined in the LADOTD Road Design Manual and by following relevant guidelines such as the Guidance for PRR Projects, 3R Minimum Design Guidelines, Pavement PRR Minimum Design Guidelines, and Minimum Design Guidelines as applicable to the issued task order. The following is an overview of the project development process GEC will follow for a standard project that may be issued as a part of this IDIQ; however, it will be altered appropriately for each independent task order scope. **A sample project schedule is included (Figure 1) displaying a typical task order that would be issued as a part of the IDIQ contract.**

Project Kickoff

Once a project is assigned by Task Order, and a Notice to Proceed (NTP) is issued, GEC will hold a kick off meeting with LADOTD staff to determine the status and scope of the project. The steps for this work will include:

- 1. Field Review to determine any constraints, including: drainage, utilities, railroad, and other design and construction impacts.
- 2. Pre-design criteria, LADOTD Minimum Design Guidelines, and project schedule will be established before the kick off meeting and will be reviewed at the meeting.
- 3. Traffic data, geotechnical data, pavement design, as-built plans, pavement reports, & other relevant available data will be requested and reviewed at this meeting.
- 4. Project points of contact, schedule, budget, invoicing procedures, & other project management tasks will be discussed and established.
- 5. Meeting minutes will be distributed and will become a part of the project record.

Field Visit

The GEC Team will perform a team site visit to assess conditions and identify any constraints. This site visit would allow the project team to determine if the pavement conditions from past reports are current and if any further damage has been done. Other common issues that may need to be mitigated include failing drainage structures, utilities, patching areas, base failures, and other issues. Lazenby staff will identify survey limits and determine the best surveying approach to complete the project in the most

PROJECT SOLUTIONS

The following scenario (based on actual past project experience) involved GEC staff discovering unknown conditions and developing solutions to deliver a quality rehabilitation project.

Following completion of field inspection, geotechnical borings, and surveying, it became apparent that recommendations to mill and overlay were outdated and increasing loads would have caused further damage.

GEC prepared a report of the findings, various solutions, and alternatives, detailing that the original 30-year old concrete roadway, which was cracking below layers of asphaltic overlays, was not designed to present day roadway structural standards.

Had milling and overlay taken place, cracks would have continued to propagate through the new asphaltic layer of the roadway, which was located in an area with high residential traffic, and would not have provided any long-term fix.

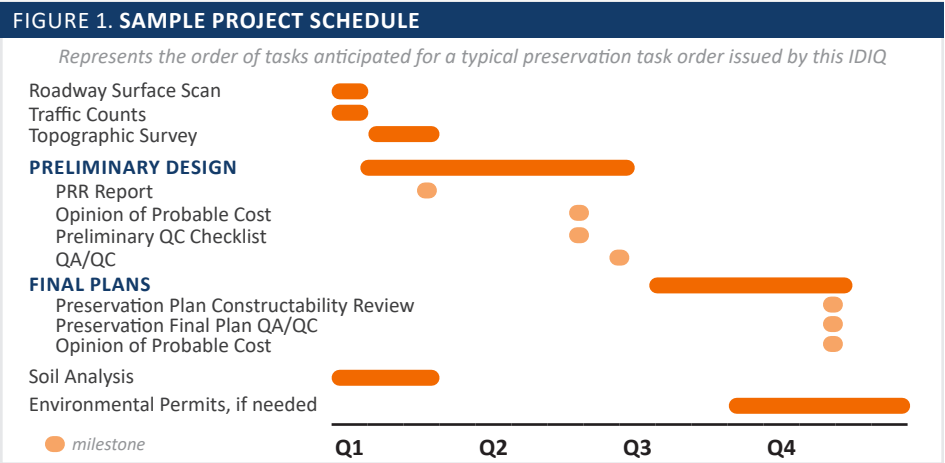
GEC presented these findings to the client and recommended a complete reconstruction with concrete pavement. To minimize impacts to residents, a high early strength concrete was used.

efficient timeframe and cost efficient manner. If a specific nonstandard method of surveying is recommended, then Lazenby and the prime will work with LADOTD to get the approval if possible.

Topographic Surveys & Geotechnical Borings

Lazenby will perform survey services to provide topographic surveys and other field information necessary for the design and development of plans. Lazenby will ensure that topographic survey adheres to all modern survey theory, practice, and procedures and will follow the latest version of the LADOTD Location Survey Manual and Procedures and EDSM I.1.1.11. This includes all accepted horizontal and vertical control standards as stated in the manual. The LADOTD feature table code list and symbols shall be utilized and met with those included in the latest edition of the survey feature code guidebook produced by the LADOTD Location and Survey Section and Automation. 3D Terrestrial Scanning may be utilized in conjunction with traditional means and methods to capture topography as applicable for each site and will adhere to all LADOTD Standards as related to Terrestrial and Mobile Scanning. All deliverables will adhere to the Electronic standard as set forth by LADOTD. If applicable, Lazenby will ensure that all property and right of way work shall follow the LADOTD Addendum A and current standards of practice as outlined in the laws and rules of the Louisiana Professional Engineering and Land Surveying Board and shall be certified to a class D survey as dictated by those laws and rules. Also, in conjunction with all LADOTD standards of operation for Right of Way Mapping.

Ardaman will perform all geotechnical engineering services, if required. For projects that include the design of minor rehabilitation, major rehabilitation, and replacement





GEC road and survey sub Lazenby was the prime consultant on the Wall Williams (Good Hope – Whites Ferry) project, which is a pavement preservation project on a local Ouachita Parish roadway.

projects, GEC's survey and geotechnical sub-consultants will follow the processes outlined in EDSM I.1.1.11. All required roadway, bridge, drainage structures, guardrails, & traffic information will be detailed in the attachments and submitted to the area engineer, design engineer, district traffic operations engineer, and district laboratory engineer for review. GEC's survey and geotechnical sub-consultants have in depth experience performing field services for LADOTD projects. Both have the ability to perform these services immediately and in addition to their current backlog without delays.

Traffic Services

Vectura will provide traffic services if necessary. These services could include data collection, traffic engineering analysis, intersection control design and review, and TMPs. Vectura has developed design studies and construction plans for hundreds of signals

for LADOTD. As such, staff is well versed in designing the associated MUTCD compliant signing and striping for traffic signals. Since the formation of Vectura, they have partnered with other design engineering firms to provide a third-party quality control review of signing and striping plans for LADOTD projects. Staff have also provided CE&I for traffic signal construction for LADOTD.

Transportation Management Plans. Vectura will follow EDSM VI.1.1.8 that outlines what is required for a TMP. Vectura will coordinate with LADOTD to obtain traffic volume and safety data for traffic study to perform safety analysis and alternative route analysis. If historic data is not available, Vectura will follow the Traffic Study Scope of Services as outlined on the DOTD Traffic Engineering website. Staff from Vectura have worked closely with LADOTD staff through the development and implementation of the TEPR process. Vectura will utilize this experience to navigate the TEPR process to arrive upon the optimum detour route. Along with specifying the correct TTC Details, Vectura will coordinate with the bridge/road designers on a Work Zone Impact Management Strategy document to minimize risk and delays to the travel public.

Preliminary / Final Roadway Design, Plan Development & Cost Estimates

The GEC Team will follow the Guidance for Preservation/Rehabilitation/Replacement (PRR) Projects to determine the appropriate design guidelines. The team will then also use the corresponding section of the PRR Report to document decisions and any possible Design Waivers or Design Exceptions. A draft PRR report will be submitted along with the preliminary plan submittal when design waivers or exceptions are anticipated and with the final plans. Letter size plan sets are typically reserved for preservation projects.

30% PRELIMINARY PLANS

- Field reviews if necessary and update pre-design criteria and minimum design guidelines
- Topographic survey, including apparent right-of-way and traffic data
- Pavement design, soil boring and pH/resistivity data, utility and railroad review, if necessary
- Plan Sheets to include: plan and profile sheets with existing topo, establishing horizontal and vertical alignment, typical sections, title sheet

60% PRELIMINARY PLANS

- Revise based upon comments received in 30% Preliminary Plan review
- Existing and proposed hydraulics calculations and map
- Plan Sheets to include: plan and profile sheets including revised horizontal and vertical alignments, geometric details, cross sections, typical sections, existing

and proposed drainage, utility and railroad recommendations, earthwork computations, preliminary right-of-way taking, and sequence of construction and signing

95% PRELIMINARY PLANS (PLAN-IN-HAND)

- Revise based upon comments received in 60% Preliminary Plan Review
- A preliminary QA/QC will be performed and then a pre-plan-in-hand review will take place before the plan-in-hand is distributed
- Plan sheets to include: title sheet, typical sections, plan and profile, including right-of-way taking lines, existing and proposed drainage, geometric details, sequence of construction, construction signing, summary of estimated quantities, and cross sections
- Once the plans are distributed, a plan-in-hand meeting will be scheduled. Attendees typically include LADOTD, municipal/parish representatives, LADOTD district personnel,

and members of the design team. The GEC Team will assist in scheduling and conducting the meeting and documenting comments received.

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; at this time environmental clearance may be necessary. The GEC Team has staff to provide for any required environmental tasks.
- Preliminary cost estimate

60% FINAL PLANS

- Revise based upon comments received in 100% Preliminary Plan Review
- Final typical sections and hydraulic design
- Plan sheets to include: summary sheets and tables, join layouts, graphical grades, right-of-way maps, horizontal and vertical

geometry, traffic signal design, construction notes

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 plans and cost estimates as necessary
- Develop final cost estimate, specifications, and any necessary special provisions
- Other items may include SWPPP, final design report, etc.
- Signed and sealed plans are transmitted to contracts and specifications and general files

GEC is prepared to provide and knowledgeable of delivering a set of plans according to LADOTD Road Design requirements as detailed below. We will work with LADOTD to adapt the delivery process to the design of the project elements needed or required for the scope of the project, **including letter sized plans**, for efficient delivery with quality.

GEC is very familiar with the LADOTD and national and local standards and practices. Due to our diverse portfolio of roadway design and management services for both LADOTD and municipalities, GEC is poised to provide LADOTD with robust experiences that will allow the GEC team to provide innovative solutions to the toughest roadway design challenges. The GEC Team will upload e-deliverables into the LADOTD *ProjectWise* repository at any necessary milestone as required by the Task Order. For each required LADOTD submittal, The GEC Team will perform stringent quality reviews to ensure all required items are submitted and that they are accurate and meet our quality acceptance criteria.

LADOTD's PRR guidelines allow design elements to be less than those given in AASHTO publications for projects where all work is contained within the existing ROW. **GEC understands the process for Design Waivers and Design Exceptions that are commonly required as a part of preservation projects.**

Hydraulic Analysis and Design

GEC and La Terre will provide all hydraulic analysis and design of drainage features on any issued task order. LADOTD's requirements, which shall govern hydraulic analysis and design, are specified in the current edition of LADOTD's Hydraulics Manual. GEC will perform any necessary hydraulic analyses to provide adequate design drainage along the roadway and surrounding areas to ensure that stormwater is effectively managed. To complement traditional drainage systems, green infrastructure solutions will also be evaluated to improve and provide better opportunities to manage stormwater as well as the added social, economic, and environmental benefits.

Quality Plan Reviews

GEC's written Quality and Assurance procedures meet LADOTD's requirements and serve as the basis for our work on all contracts, requiring that each member of the team follows the procedures so that work is performed correctly and delivered on time and within budget. Deliverables must comply with current standards and sound practices and reflect current technology. An independent professional checks the deliverables and the originator corrects any errors. The lead roadway Quality Control reviewer, Cary Bourgeois, PE has 39 years of supervising and performing design services on a variety of roadway and bridge projects. Thomas Swanson, PE, PTOE, with 28 years of experience, will perform traffic engineering quality control reviews.

GEC has in-depth experience in developing Special Provisions, which will be contained in the project's contract documents and describe any required work that amends the Standard Specifications and Supplemental Specifications in the LADOTD's Standard Specifications for Roads and Bridges. GEC will author and provide these documents, if necessary, for any task order issued.

Other Services

If required by the scope of the issued task order, GEC can perform necessary environmental, electrical engineering (lighting), and construction tasks. Some of these capabilities are further explained below:

Road Design Services during the Environmental Process

GEC will develop engineering drawings and details, which illustrate proposed work with the purpose of obtaining required permit(s). In addition to performing the required environmental services, GEC also has experience preparing exhibits, setting up, providing displays, technical presentations, and attending/managing Public Meetings and hearings. **The GEC Team has prepared numerous Storm Water Pollution Prevention Plans (SWPPP) in accordance with General Permit for Storm Water Discharges Related to the Louisiana Department of Transportation and Development's Statewide Construction and Maintenance Activities Resulting in Land Disturbance, and will prepare all required items to complete the tasks associated with the SWPPP.** The environmental staff on the GEC Team have completed the NHI Course NEPA and the Transportation Decision-making Process and have served as the Project Manager on and authored numerous LADOTD NEPA documents including: EAs, EISs, categorical exclusions, FONSI, and Section 4f Net Benefit Statements.

Stage 5: Construction Support

In Stage 5 of the Project Delivery process, GEC provides construction support and construction related engineering for projects we have designed. GEC stands ready to provide shop drawing reviews, signal acceptance testing, and plan revisions to adjust for unforeseen conditions. Construction Support shall consist of all services required to review and address Requests for Information (RFIs) from LADOTD's Construction Contractor. The Consultant shall be required to respond to all RFIs within 48 hours. Cost recovery for all RFIs due to plan/specification clarity or plan/specification error shall be as noted in the Errors and Omissions clause as established in the Original Contract.

We look forward to a continued working relationship with LADOTD and with District 05 on this project. In choosing the GEC Team, LADOTD will have sufficient resources to be dedicated to simultaneous task orders and complete projects on time and on budget. GEC and our team have the experience and knowledge to provide LADOTD with pavement preservation design plans that will improve and define the state's transportation system for future generations.

19. Workload

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State project number	Project name	Remaining unpaid balance**
G.E.C., Inc.	Road	44-04128, H.004273.5	I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange) (Sub to Stantec)	305,448
		44-29193, H.004100.5 & H.004100.6	CMAR - I-10: LA 415 to Essen on I-10 and I-12 (Sub to Huval), East and West Baton Rouge Parishes	140,000
		44-25040, H.015342	IIJA, Off-System Bridge Program, District 61 Less EBR, S.A.#1 (Note: work performed over 2 yrs. Exp. 6/30/26)	128,185
		H.013897	I-10 & I-12 College Drive Flyover Ramp Design-Build Project (Sub to Boh Bros.)	46,396
		44-29196, H.016075.2	IDIQ for Engineering and Technical Support Services for Critical Project, Statewide; T.O.# 1, I-10 Washington Street EB Exit Ramp CL (Sub to Stantec)	27,034
	Bridge	44-04128, H.004273.5	I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange) (Sub to Stantec)	266,795
		44-29193, H.004100.5 & H.004100.6	CMAR - I-10: LA 415 to Essen on I-10 and I-12 (Sub to Huval), East and West Baton Rouge Parishes	985,448
		S.P. # H.013897	I-10 & I-12 College Drive Flyover Ramp Design-Build Project (Sub to Boh Bros.)	75,000
		44-04900, H.004540.5	Leeville to Golden Meadow, Route LA 1 Relocated, Const. Engineering Services (Sub to HNTB)	173,099
		44-25040, H.015342	IIJA, Off-System Bridge Program, District 61 Less EBR, S.A.#1 (Note: work performed over 2 yrs. Exp. 6/30/26)	617,162
		44-05267, H.003074.5	Williams Blvd – Veterans Blvd., Route I-10, Jefferson Parish, LA	148,795
		44-23923	IDIQ for Bridge Preservation (Sub to Huval) - No Task Orders Issued	N/A
	Environmental	44-04128, H.004273.5	I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange) (Sub to Stantec)	32,919
		44-25040, H.015342	IIJA, Off-System Bridge Program, District 61 Less EBR, S.A.#1 (Note: work performed over 2 yrs. Exp. 6/30/26)	13,921
		44-29193, H.004100.5 & H.004100.6	CMAR - I-10: LA 415 to Essen on I-10 and I-12 (Sub to Huval), East and West Baton Rouge Parishes	50,000
		H.014990.5	South Tiger Bend Rd. and East Achord Rd. Bridges (Sub to Forte & Tablada)	8,944
	ITS	44-04128, H.004273.5	I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange) (Sub to Stantec)	19,447
	Other (Electrical)	44-04128, H.004273.5	I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange) (Sub to Stantec)	325,210
		44-29193, H.004100.5 & H.004100.6	CMAR - I-10: LA 415 to Essen on I-10 and I-12 (Sub to Huval), East and West Baton Rouge Parishes	800,000
		H.013897	I-10 & I-12 College Drive Flyover Ramp Design-Build Project (Sub to Boh Bros.)	45,000
		44-05267, H.003074.5	Williams Blvd – Veterans Blvd., Route I-10, Jefferson Parish, LA	54,012
		44-26074, H.013617.6	IDIQ Contract for Electrical Statewide, TO#1 - I:10: I-610E Interchange Lighting	62,966
		44-26074, H.014552.6	IDIQ Contract for Electrical Statewide, TO#2 - I-49: LA 31 Interchange Lighting	124,048
		44-26074, H.015598.6	IDIQ Contract for Electrical Statewide, TO#3 - I-210: Hurricane Laura Lighting Repairs	117,052
		44-26074, H.014556.5	IDIQ Contract for Electrical Statewide, TO#4 - I-49: US 190 Interchange Lighting	15,008
		44-26074, H.014556.6	IDIQ Contract for Electrical Statewide, TO#5 - I-49: US 190 Interchange Lighting	132,229

G.E.C., Inc.	Other (Program Management)	44-16958	Road Transfer Program Management, Statewide (NOTE: The Average Annual billing is approx. \$290,000/ year. We are in year 4 of 6. This billing represents 1 person stationed at DOTD. Thus, unlikely to bill this entire remaining balance. (Program Management ONLY – NO Planning, Road or Bridge Design work).	972,392
		44-25040, H.015342	IIJA, Off-System Bridge Program, District 61 Less EBR, S.A.#1 (Note: work performed over 2 yrs. Exp. 6/30/26)	119,900
		44-04128, H.004273.5	I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange) (Sub to Stantec)	57,961
		44-29193, H.004100.5 & H.004100.6	CMAR - I-10: LA 415 to Essen on I-10 and I-12 (Sub to Huval), East and West Baton Rouge Parishes	500,000
	CE&I/OV	44-23074, H.012465.6	IDIQ for CE&I Services and Staff Augmentation, District 61 - Flashing Yellow Arrow Part 3	30,658
		44-23074, H.010960.6	IDIQ for CE&I Services and Staff Augmentation, District 61 - LA 30 Roundabouts at Tanger Mall and I-10	324,945
		44-23074, H.013265.6	IDIQ for CE&I Services and Staff Augmentation, District 61 – Van Buren Street Over Corp. Canal	55,067
		44-23074, H.015424.6	IDIQ for CE&I Services and Staff Augmentation, District 61 – La 67: Plank Rd @ Airline- Girder Rep	65590
		44-23074, H.012061.6	IDIQ for CE&I Services and Staff Augmentation, District 61 –LA 1: Bayou Moreau and Lateral W15#7A	270,878
		44-23074, H.014762.6	IDIQ for CE&I Services and Staff Augmentation, District 61 – LA 44: 1-10 – LA 621	654,024
		44-23074, H.15267.6	IDIQ for CE&I Services and Staff Augmentation, District 61 – LA 431: Left Turn Lane at LA 621	193,985
		44-28550, H.002868.6	IDIQ for CE&I, Statewide, with Majority of Work in District 03 - I-49 S: Amb. Caffery / US 90 Interchange	263,053
		44-28550, H.013265.6	IDIQ for CE&I, Statewide, with Majority of Work in District 03 - US 90: LA 14 to LA 83	256,010
		44-14315, H.003370.6	IDIQ for Painting Inspection & Environmental Monitoring with CE&I, Statewide - I-220/I-20 Interchange IMP & BAFB Access	N/A
		44-14315, H.010000.6	IDIQ for Painting Inspection & Environmental Monitoring with CE&I, Statewide - US 171: Calcasieu River Bridge Repairs	37,447
		44-14315, H.014588.6	IDIQ for Painting Inspection & Environmental Monitoring with CE&I, Statewide – I-20: Orange Street Overpass Repair	N/A
		44-17006, H.011670.6	I-10/Loyola Interchange Improvements, Jefferson Parish	N/A
		44-23897, H.011965.6	LA 47: IWGO Bridge Rehabilitation (HBI) (CE&I) (sub to GPI)	1,215,375
		44,24438, H.010673.6	US 90: Harvey Canal Tunnel Rehab (CE&I), Jefferson Parish	1,028,551
		44-28884, H.003931.5	Calcasieu River Bridge (HBI), Calcasieu Parish	438,124
		44-27349, H.003931.6	Calcasieu River Bridge (HBI) (CE&I), Calcasieu Parish	17,235,345
		44-28466, H.015504.6	CCC Decorative Lighting Construction Engineering and Inspection (CE&I)	569,926
		44-29193, H.004100.5 & H.004100.6	CMAR - I-10: LA 415 to Essen on I-10 and I-12 (Sub to Huval), East and West Baton Rouge Parishes	4,000

Lazenby & Associates, Inc.	Road	4400010428, H.004774.5 (L&A, Inc. 17E051.00)	Kansas Lane-Garrett Road Connector & I-20 Improvements, Ouachita Parish (Road Design-Urban & Rural Design-Controlled Access) (98% Complete)	\$36,693
		4400026026 (L&A, Inc. 23E055.00)	IDIQ Contract for Roadway Design Safety Statewide	N/A
		Task Order No. 1 S.P.N. H.009837.5 (L&A, Inc. 23E055.01)	LA 64: Roundabout @ LA 1019 Routes: LA 1019, LA 64 Livingston Parish (30% Complete)	\$218,694
		4400026913 (L&A, Inc. 23E088.00)	IDIQ Contract for the Design of Safety Projects with Majority of Work in District 04, 05& 58, Statewide	N/A
		Task Order No. 1 S.P.N. H.015200.5 (L&A, Inc. 23E088.01)	East Street & Parkview Drive Sidewalk (Monroe) Ouachita Parish (34.73% Complete)	\$157,669
		Task Order No. 3 S.P.N. H.016204.5 (L&A, Inc. 23E088.03)	Benton Road Sidewalks (Bossier City) Bossier Parish (Feasibility Study) (85% Complete)	\$975
	Bridge	4400025025 (L&A, Inc. 22E048.00)	Infrastructure Investing & Jobs Act (IIJA) Off-System Bridge Program – District 05 (13 Off-System Bridge Structures) (68% Complete)	N/A
		1. H.015463.5 (L&A, Inc. 22E048.13)	White Oak Landing Over Edmonds Creek Union Parish Off-System Bridge	\$25,746
		2. H.015462.5 (L&A, Inc. 22E048.12)	Pilgrim Rest Church Road Over Steep Bank Creek Union Parish Off-System Bridge	\$48,746
		3. H.015461.5 (L&A, Inc. 22E048.11)	Firetower Road Over Rock Creek Union Parish Off-System Bridge	\$48,746
		4. H.015454.5 (L&A, Inc. 22E048.04)	Keppler Creek Road Over Sugar Creek Jackson Parish Off-System Bridge	\$48,946
		5. H.015455.5 (L&A, Inc. 22E048.05)	Spring Creek Road Over Wafer Creek Lincoln Parish Off-System Bridge	\$48,946
		6. H.015457.5 (L&A, Inc. 22E048.07)	Olen Hughes Road Over Bayou Bonne Idee Morehouse Parish Off-System Bridge	\$18,281
		7. H.015458.5 (L&A, Inc. 22E048.08)	Oscar Lum Road Over Williamson Creek Morehouse Parish Off-System Bridge	\$18,181

Lazenby & Associates, Inc.	Bridge	8. H.015337.5 (L&A, Inc. 22E048.01)	Mineral Springs Road Over Clark Creek Ouachita Parish Off-System Bridge	\$48,946
		9. H.015459.5 (L&A, Inc. 22E048.09)	Lapine Road Over Rogers Creek Ouachita Parish Off-System Bridge	\$48,946
		10. H015460.5 (L&A, Inc. 22E048.10)	Little Road Over Creek Richland Parish Off-System Bridge	\$48,546
		11. H.015453.5 (L&A, Inc. 22E048.03)	Hale Road Over Alligator Bayou West Carroll Parish Off-System Bridge	\$54,381
		12. H.015456.5 (L&A, Inc. 22E048.06)	Hodge Road Over Cypress Bayou Madison Parish Off-System Bridge	\$59,523
		13. H.015452 (L&A, Inc. 22E048.02)	Henderson Loop Road Over Wildcat Bayou East Carroll Parish (Not Authorized)	N/A
		4400021887 (L&A, Inc. 21E071.00)	Contract for Replacement of Fifteen (15) Bridges, Multiple State Project Number, District 08 (21% Complete) US 167 Bridge Over Big Creek Winn Parish	N/A
		H.012047 (L&A, Inc. 21E71.01)	LA 114 Bridge Over Belle Deau Bayou LA 107 Bridge Over Bayou Jack Relief Avoyelles Parish	\$239,478
		H.012542 (L&A, Inc. 21E071.02)	LA 8 Bridge Over Big Creek Grant Parish	\$371,974
		H.012543 (L&A, Inc. 21E071.03)	LA 120 Bridge Over Creek LA 120 Bridge Over Bayou Scie Relief No. 1 LA 120 Bridge Over Bayou Scie Relief No. 2	\$160,256
		H.012544 (L&A, Inc. 21E071.04)	LA 120 Bridge Over Bayou Scie LA 120 Bridge Over Bayou Scie Relief No. 3 LA 474 Bridge Over Midkiff Creek Sabine Parish	\$581,705
	Survey	4400019714 (L&A, Inc. 20S038.00)	IDIQ Contract for Hydrographic Surveying Services – Statewide with Majority of Work in Districts 04, 05, 08 & 58 (54.91% Complete)	N/A
			Active Task Orders At This Time (T.O. #9 – 0% Complete)	\$52,239

Lazenby & Associates, Inc.	Survey	4400021972 (L&A, Inc. 21S063.00)	IDIQ Contract for Topographic Surveys (None – NHS Surveys) (18.5% Complete)	N/A
		Task Order No. 1 S.P.N. H.015048.5 (L&A, Inc. 21S063.01)	Turkey Creek Infrastructure Hardening Franklin Parish (90% Complete)	\$22,239
		Task Order No. 4 S.P.N. H.016317.5 (L&A, Inc. 21S063.04)	LA1234 Drain Bridges Winn Parish (50% Complete)	\$40,321
		Task Order No. 5 S.P.N. H.016319.5 (L&A, Inc. 21S063.05)	LA 542: Creek Bridges @ LM 1.087 & LM 2.967 Jackson Parish (40% Complete)	\$48,307
		Task Order No. 6 S.P.N. H.016329.5 (L&A, Inc. 21S063.06)	LA 830: Creek Bridge Morehouse Parish (0% Complete)	\$39,968
		4400027916 (L&A, Inc. 24S014.00)	IDIQ Contract for Professional Boundary Surveying Services – Statewide with Majority of Work in Districts 04 & 05 (0.05% Complete) No Active Task Orders At This Time	N/A
		4400027917 (L&A, Inc. 24S015.00)	IDIQ Contract for Professional Boundary Surveying Services – Statewide with Majority of Work in District 08 & 58 (30.49% Complete)	N/A
		Task Order No. 1 S.P.N. H.004825.5 (L&A, Inc. 24S015.01)	LA 28: Widening: LA 3128 to LA 116 Rapides Parish (25% Complete)	\$217,656
		4400027735 (L&A, Inc. 23E099.00)	I-69 Frontage Road Connector Caddo Parish	N/A
		S.P.N. H.005184 (L&A, Inc. 23E099.01)	Stonewall Fryerson to Ellerbe Road Caddo Parish (0.00% Complete)	\$948,381
		S.P.N. H.014054 (L&A, Inc. 23E099.02)	Ellerbe Road to LA 1 Caddo Parish (7.50% Complete)	\$549,578

Lazenby & Associates, Inc.	Survey	4400021887 (L&A, Inc. 21E071.00)	Contract for Replacement of Fifteen (15) Bridges, Multiple State Project Numbers, District 08	
		S.P.N. H.012047 (L&A, Inc. 21E071.01)	US 167 Bridge Over Big Creek Winn Parish	\$15,167
		S.P.N. H.012542 (L&A, Inc. 21E071.02)	LA 114 Bridge Over Belle Deau Bayou & LA 107 Bridge Over Bayou Jack Relief Avoyelles Parish	\$14,522

La Terre Engineering LLC	Planning	4400025921 / H.015938	Indefinite Delivery/Indefinite Quantity Contract for Transportation Systems Management and Operations (TSMO) Program	\$25,808
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T2 UES, Inc.	Other (Subsurface Utility Engineering)	4400004128 H.004273.5	I-49 Connector	N/A
	Other (Utility Coordination)	H.004791.6	Belle Chasse Bridge & Tunnel Replacement	27,000

Ardaman & Associates, Inc.	Geotech	44-4128; H.004273	I-49 Connector, Lafayette	\$491,353
	Geotech	44-18899; H.004791	LA 23: Belle Chasse Bridge & Tunnel (HBI)	\$77,788
	Geotech	44-1960; H.013897	I-10 / I-12 College Drive Flyover Ramp	\$40,758
	Geotech	44-19013; H.004100.5 & .6	I-10 CMAR Design Continuation: LA 415 TO ESSEN ON I-10 & I-12	\$300,530
	Geotech	H.04435	I-12 to Bush Construction Phase	\$47,956
	Geotech	44-8671; H.009266	I-10 Widening: LA 73 to LA 30	\$25,760
	Geotech	44-19013; H.002244.5	Boudreaux Canal Bridge (LA 56)	\$179
	Geotech	44-17438; H.013284	MRB GBR LA 1 to LA 30 Connector	\$41,151
	Geotech	44-6189; H.004647.6	I-20 Mississippi River Bridge at Vicksburg	\$2,081,468
	Geotech	44-25025; H.015337, H.015452-63, H.015489-92	Rural Bridge Replacement	\$247,711
	Geotech	44-24652; H.012842.5	LA 124 Ext. Near Larto Lake	\$3,371
	Geotech	44-24652; H.014265.5	N River Road Irving Branch	\$1,985
	Geotech	44-24652; H.012533.5	LA 1252 Bayou Pt Brule Bridge	\$7,331
	Geotech	44-24652, H.012607.5	Henderson Bayou Bridge LA 933	\$12,252
	Geotech	44-24652, H.015568.5	Pelican Point Roundabout	\$8,058

Vectura Consulting Services, LLC	Traffic	4400017293; H.010616	I-20: LA 544 Overpass Replacement	74,429
	Traffic	4400005484; H.005168.2	New Orleans Rail Gateway Avondale EA	59,571
	CE&I/OV	4400020018; H.007160	EBR Computerized Traffic Signal, Ph VB	66,032
	Traffic	H.004791	Belle Chasse Bridge & Tunnel Replacement PPP	11,202
	Traffic	4400021519; H.012030.5	KCS RR Overpasses HBI	572
	Traffic	4400023075; H.013522	S. Lewis Street Widening	7,499
	ITS	4400017922; H.012845.1	C/AV Team and Working Group Support	6,820
	Traffic	4400025299; H.01564.5	LA 47 Hayne Blvd Safety Improvements	17,303
	Traffic	4400018271; H.014746.5	LA 383 Stage 0 Corridor Study	20,146
	ITS	4400016364; H.014511.1	Houma Regional ITS Architecture Update	10,746
	Traffic	4400025299; H.013421.5	Dist. 02H Flashing Yellow Arrow Part 2	265,766
	Traffic	4400026913; H.013421.5	East Street & Parkview Drive Sidewalks	48,068





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





20. Certifications/Licenses

If the advertisement requires submission of licenses and/or certificates, include them here. **Otherwise, leave this section blank.**

Christopher Nipper

<i>Certificate of Completion</i>		
presented to		
<i>Christopher Nipper</i>		
for completing the		
Traffic Engineering Analysis Process & Report Module 1		
Date: October 1, 2018	Professional Development	
Location: Baton Rouge, Louisiana	Hours (PDHs) Awarded: 2.5	
 Authorized Instructor	 Authorized Instructor	 Authorized instructor
 LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT		

<i>Certificate of Completion</i>		
presented to		
<i>Christopher Nipper</i>		
for completing the		
Traffic Engineering Analysis Process & Report Module 2		
Date: November 26, 2018	Professional Development	
Location: Baton Rouge, Louisiana	Hours (PDHs) Awarded: 3.5	
 Authorized Instructor	 Authorized Instructor	 Authorized instructor
 LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT		

<i>Certificate of Completion</i>		
presented to		
<i>Christopher Nipper</i>		
for completing the		
Traffic Engineering Analysis Process & Report Module 3		
Date: December 3, 2018	Professional Development	
Location: Baton Rouge, Louisiana	Hours (PDHs) Awarded: 3	
 Authorized Instructor	 Authorized Instructor	 Authorized instructor
 LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT		

Bliss Bernard



PROOF OF TRAINING


THIS CERTIFICATE HEREBY RECOGNIZES THAT

Bliss K Bernard
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

3/12/2021 to 3/12/2021
Date

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



Certificate of Completion

presented to

Bliss Bernard

for completing the

Traffic Engineering Analysis Process & Report Module 1

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

Professional Development
Hours (PDHs) Awarded: 2.5

Poly A. Colvin
Authorized Instructor

John H. Hitt
Authorized Instructor

Robert J. Brumfield
Authorized instructor



Certificate of Completion

presented to

Bliss Bernard

for completing the

Traffic Engineering Analysis Process & Report Module 2

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

Professional Development
Hours (PDHs) Awarded: 3.5

Poly A. Colvin
Authorized Instructor

John H. Hitt
Authorized Instructor

Robert J. Brumfield
Authorized instructor



Certificate of Completion

presented to

Bliss Bernard

for completing the

Traffic Engineering Analysis Process & Report Module 3

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

Professional Development
Hours (PDHs) Awarded: 3.5

Poly A. Colvin
Authorized Instructor

John H. Hitt
Authorized Instructor

Robert J. Brumfield
Authorized instructor



ATSSA
Safer Roads Save Lives

Bliss Bernard
has attended
California Flagger Certification Training Course

Completed: 20-FEB-2025

CEU (If Applicable): 0.35

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



Jerome Lohmann





PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Jerome Lohmann
has attended
Louisiana Traffic Control Supervisor Refresher
Training Course

2/2/2024 to 2/2/2028
Training Valid Through

New Orleans, LA
Location


Vice President of Education and Technical Services


President, CEO

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




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

Roland Maurin



Zachary Boylan






Zachary Boylan

has attended

Louisiana Traffic Control Supervisor Refresher

Completed: 23-FEB-2024

CEU (If Applicable): 0.75



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



American Traffic Safety Services Association

This is to affirm that

Zachary Boylan

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 3/13/2024 ATSSA

Exp. Date 3/12/2028 Instructor Name Don M. Clark

State Issued Louisiana Instructor Signature [Signature]

A1000177231

Verify at Flagger.com

Thomas Swanson



Certificate of Completion

presented to

Thomas Swanson

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: January 17, 2019
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 2


Authorized Instructor


Authorized Instructor


Authorized instructor



Certificate of Completion

presented to

Thomas Swanson

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: January 22, 2019
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3


Authorized Instructor


Authorized Instructor


Authorized instructor



Certificate of Completion

presented to

Thomas Swanson

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: February 28, 2019
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3


Authorized Instructor


Authorized Instructor


Authorized instructor



Thomas Swanson



Thomas Swanson
has attended
Louisiana Traffic Control Technician

Completed: 15-OCT-2024

CEU (If Applicable): 0.75

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

Logan Michel



Certificate of Completion

presented to

Logan Michel

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

Logan Michel

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

Logan Michel

for completing the

Traffic Engineering Analysis Process & Report Module 3

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

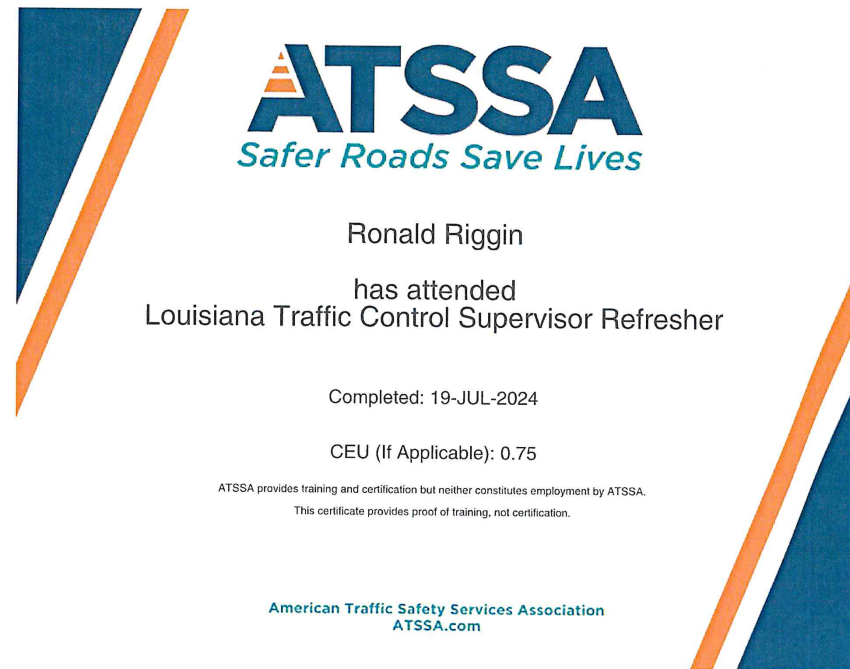
Professional Development
Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

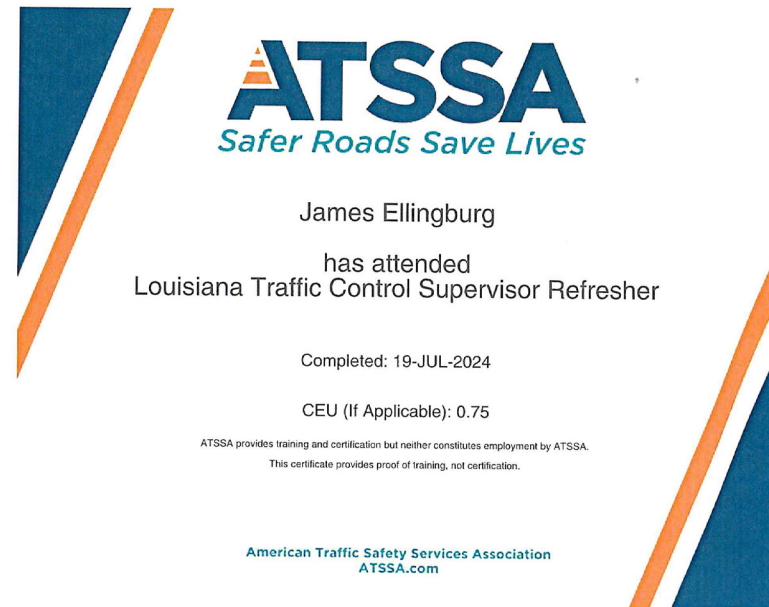
Ronald Riggen



James Ellingburg

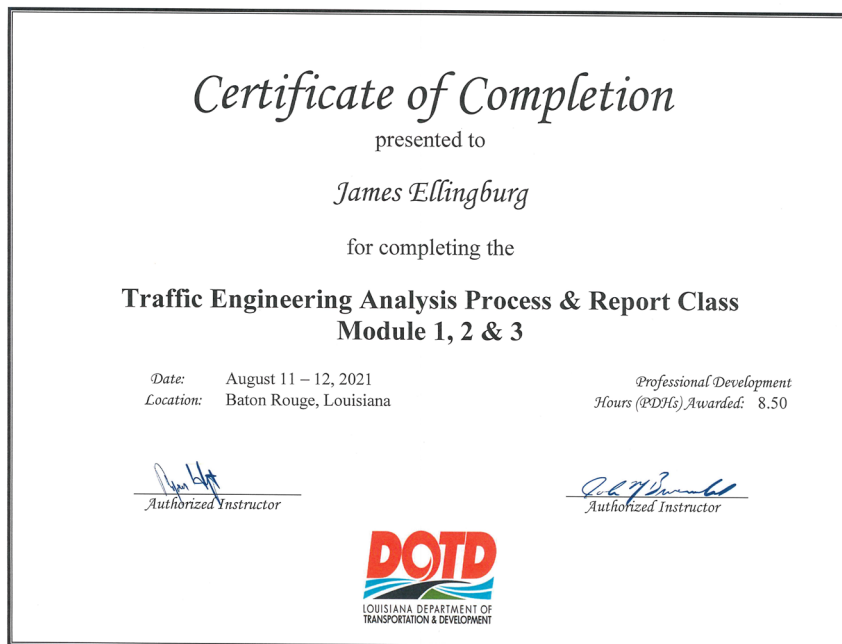


Certificate

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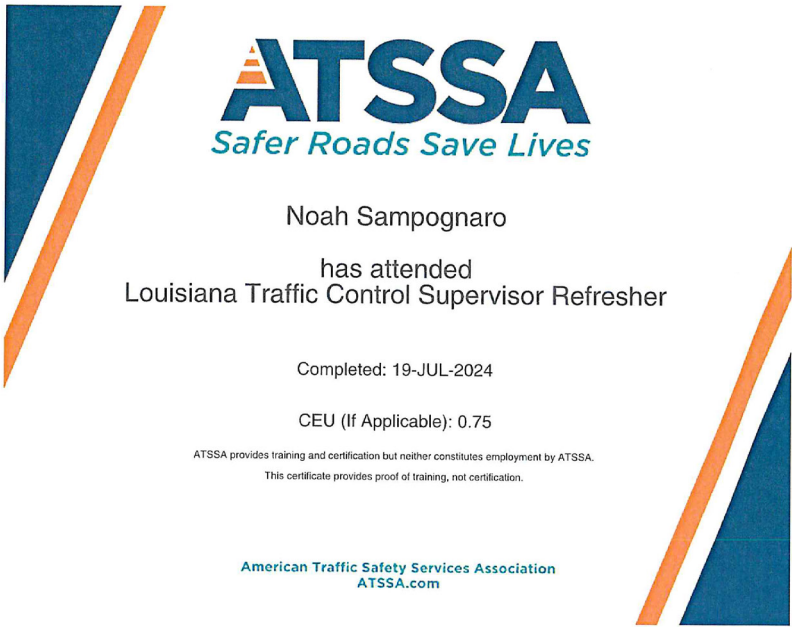


Noah Sampognaro

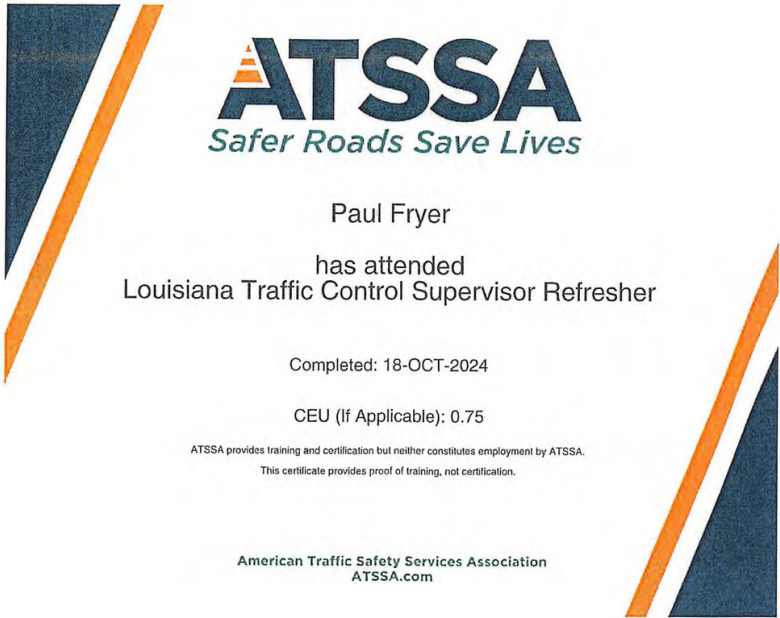
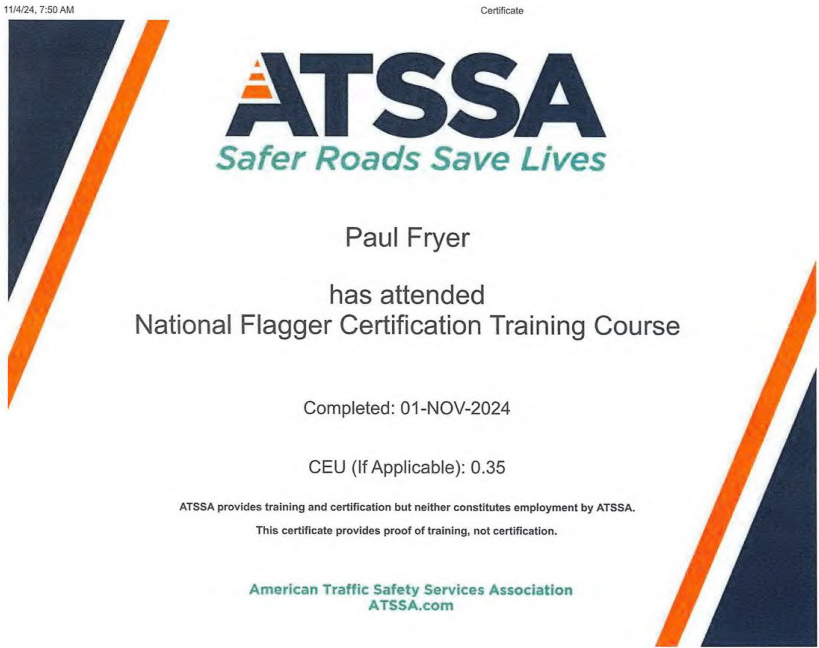


7/18/24, 9:19 AM

Certificate



Paul Fryer



Randy Hammons



7/16/24, 5:58 PM

Certificate



Randy Hammons

has attended


National Flagger Certification Training Course

Completed: 16-JUL-2024

CEU (If Applicable): 0

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



Randy Hammons

has attended

Louisiana Traffic Control Supervisor Refresher

Completed: 19-JUL-2024

CEU (If Applicable): 0.75

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

Ryan Spillers

Certificate of Completion

presented to

Ryan Spillers

for completing the

Traffic Engineering Analysis Process & Report Class Module 1, 2 & 3

Date: August 11 – 12, 2021
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 8.50



Authorized Instructor



Authorized Instructor





LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

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

La Terre Engineering, LLC

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

NC541330, NC541340, NC541620

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

Certificate Eligibility: September 2024 to September 2025

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

Rhonda Wallace

Rhonda Wallace, DBE/SBE Programs Manager

Louisiana Department of Transportation & Development

Seneca Toussant



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Seneca Toussant

has attended

Louisiana Traffic Control Supervisor Refresher

Training Course

9/8/2023 to 9/8/2027

Training Valid Through

Baton Rouge, LA

Location



Vice President of Education and Technical Services



President, CEO

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



American Traffic Safety Services Association ATSSA.com

Lyle Tynes



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Lyle Tynes

has attended

Louisiana Traffic Control Supervisor

Training Course

9/6/2023 to 9/6/2027

Training Valid Through

Baton Rouge, LA

Location



Vice President of Education and Technical Services



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

Lyle Tynes

has attended

Louisiana Traffic Control Technician

Training Course

9/5/2023 to 9/5/2027

Training Valid Through

Baton Rouge, LA

Location



Vice President of Education and Technical Services



President, CEO

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



American Traffic Safety Services Association ATSSA.com

Suzanne McCain



Brin Ferlito

Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report Module 1

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

Professional Development
Hours (PDHs) Awarded: 4


Authorized Instructor


Authorized Instructor


Authorized instructor



Certificate of Completion

presented to

Brin Ferlito


for completing the

Traffic Engineering Analysis Process & Report Module 2

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

Professional Development
Hours (PDHs) Awarded: 4


Authorized Instructor


Authorized Instructor


Authorized instructor



Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report Module 3

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

Professional Development
Hours (PDHs) Awarded: 3


Authorized Instructor


Authorized Instructor


Authorized instructor



Brin Ferlito





PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Brin Ferlito
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

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


Ramgobir
Director of Training

Baton Rouge, LA
Location

Shawn Terhune
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

 American Traffic Safety Services Association

This is to affirm that

Sheelagh Ferlito
has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 5/9/2023 ATSSA

Exp. Date 5/8/2027 Instructor Name *Donna M. Clark*

State Issued LA Instructor Signature *Donna M. Clark*

A1000126216 Verify at Flagger.com

Laurence Lambert



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Laurence Lambert
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

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

Ramgobir
Director of Training

Baton Rouge, LA
Location

Shawn Terhune
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

 American Traffic Safety Services Association

This is to affirm that

Laurence Lambert
has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 5/9/2023 ATSSA

Exp. Date 5/8/2027 Instructor Name *Donna M. Clark*

State Issued LA Instructor Signature *Donna M. Clark*

A1000126196 Verify at Flagger.com

Laurence Lambert



Certificate of Completion

presented to

Laurence Lambert

for completing the

Traffic Engineering Analysis Process & Report Module 1

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

Professional Development
Hours (PDHs) Awarded: 2


Authorized Instructor


Authorized Instructor


Authorized instructor



Certificate of Completion

presented to

Laurence Lambert

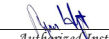
for completing the

Traffic Engineering Analysis Process & Report Module 2

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

Professional Development
Hours (PDHs) Awarded: 3


Authorized Instructor


Authorized Instructor


Authorized instructor



Certificate of Completion

presented to

Laurence Lambert

for completing the

Traffic Engineering Analysis Process & Report Module 3

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

Professional Development
Hours (PDHs) Awarded: 3


Authorized Instructor


Authorized Instructor


Authorized instructor



Reece Rodrigue



Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report Module 1

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

Professional Development
Hours (PDHs) Awarded: 2


Authorized Instructor


Authorized Instructor


Authorized instructor



Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report Module 2

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

Professional Development
Hours (PDHs) Awarded: 3.5


Authorized Instructor


Authorized Instructor


Authorized instructor



Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report Module 3

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

Professional Development
Hours (PDHs) Awarded: 3


Authorized Instructor


Authorized Instructor


Authorized instructor



Reece Rodrigue



Kristen Farrington



Kristen Farrington



Certificate of Completion

presented to

Kristen Gahagan

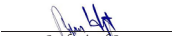
for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: July 30, 2018
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 2.5


Authorized Instructor


Authorized Instructor


Authorized instructor



Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: August 6, 2018
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3


Authorized Instructor


Authorized Instructor


Authorized instructor



Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: October 29, 2018
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3


Authorized Instructor


Authorized Instructor


Authorized instructor





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

Jeff Landry, Governor
Joe Donahue, Secretary

July 3, 2024

Vectura Consulting Services, LLC

Attn: Sheelagh Brin Ferlito
PO Box 14269
Baton Rouge, LA 70898

Dear Sheelagh Brin Ferlito,

The Louisiana Department of Transportation and Development (LADOTD) Compliance Programs Section has received your firm's Disadvantaged Business Enterprise (DBE) and Small Business Element (SBE) Declaration of Eligibility. Based on the information, which you provided, it has been confirmed that your firm continues to meet the eligibility requirements of our program and remains certified for only the following specific work categories that fall under the listed NAICS codes:

NC488490 – Other Support Activities for Road Transportation

C14-Transportation Planning
C33-Traffic Counting and Data Collection
C74-Construction Management

NC541330-Engineering Services

C09-Engineering Services
C96-Traffic and Transportation Engineering

NC541340-Drafting Services

C43-Computer Assisted Drafting

Please note that per the federal regulations, suppliers only receive 60% goal credit towards the materials they provide. Also, note that any contractor performing work in excess of \$50,000 with the exception of electrical, mechanical and plumbing requires A Louisiana Contractor's License, which are required to have a license if work is in excess of \$10,000. You may contact the State Licensing Board for Contractors at (225) 765-2301 for more information. All participants of the Louisiana Unified Certification Program will recognize your firm's certification. This includes all entities receiving federal transportation funding within the boundaries of our state.

You will be required to submit a **Declaration of Eligibility** with Gross receipts (i.e. all income-related portions of signed federal tax returns, audited financial statements or a CPA's signed attestation of correctness and completeness) stating your firm continues to meet the eligibility requirements of the program. An email informing you to submit the necessary documentation will be forwarded to you approximately six (6) weeks prior to your anniversary date of **June 30, 2025**. However, should you not receive notification from this office for your Declaration of Eligibility; it is your responsibility to contact us. Additionally, you must notify our office immediately regarding any changes, which affect the social and economic disadvantage, size, ownership or control of your firm.

Vectura Consulting Services, LLC

July 3, 2024

Page 2

The LADOTD has contracted SJB Group, LLC to provide DBE Supportive Services to all certified DBEs, in the LAUCP, at no cost to you. This consultant can offer your firm assistance and guidance on areas such as marketing, estimating, bidding, financial preparations, etc. Contact Jackie des Bordes or Kenyatta Sparks with the SJB Group, LLC at (225) 769-3400 for any assistance needed to grow your organization.

The Louisiana UCP certifying entity reserves the right to withdraw this certification, if at any time, it is determined that **DBE and SBE** certifications was knowingly obtained by the submission of false, misleading or incorrect data. The Louisiana UCP certifying entity also reserves the right to request additional information and/or conduct an on-site visit at any time during your certification period.

We are pleased to have you as a participant in the LAUCP and wish you much success.

If you have any questions regarding the content of this letter, contact the LADOTD DBE Certification Unit at (225) 379-1382.

Respectfully,

Rhonda Wallace

Rhonda Wallace
DBE/SBE Programs Manager

Enclosure (Certificate)

Secretary of State Screenshots

Search for Louisiana Business Filings			
Buy Certificates and Certified Copies	Subscribe to Electronic Notification	Print Detailed Record	
Name	Type	City	Status
G.E.C., INC.	Business Corporation	BATON ROUGE	Active

Buy Certificates and Certified Copies	Subscribe to Electronic Notification	Print Detailed Record	
Name	Type	City	Status
LAZENBY & ASSOCIATES, INC.	Business Corporation	WEST MONROE	Active

Search for Louisiana Business Filings			
Buy Certificates and Certified Copies	Subscribe to Electronic Notification	Print Detailed Record	
Name	Type	City	Status
LA TERRE ENGINEERING LLC	Limited Liability Company	BATON ROUGE	Active

Search for Louisiana Business Filings			
Buy Certificates and Certified Copies	Subscribe to Electronic Notification	Print Detailed Record	
Name	Type	City	Status
T2 UES, INC.	Business Corporation (Non-Louisiana)	DOVER	Active
Previous Names			

Search for Louisiana Business Filings			
Buy Certificates and Certified Copies	Subscribe to Electronic Notification	Print Detailed Record	
Name	Type	City	Status
ARDAMAN & ASSOCIATES, INC.	Business Corporation (Non-Louisiana)	ORLANDO	Active

Buy Certificates and Certified Copies	Subscribe to Electronic Notification	Print Detailed Record	
Name	Type	City	Status
VECTURA CONSULTING SERVICES, LLC	Limited Liability Company	BATON ROUGE	Active

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.**

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.

Firm Name (NAME MUST MATCH <u>EXACTLY</u> AS REGISTERED WITH LOUISIANA'S SECRETARY OF STATE (SOS): <u>INCLUDING PUNCTUATION, INCLUDE SCREENSHOT(S) FROM SOS AT THE END OF SECTION 20</u>)	Address	Point of Contact and email address	Phone Number
Lazenby & Associates, Inc.	2000 N 7th Street West Monroe, LA 71291	Paul D. Fryer, P.E., P.L.S. pfryer@lazenbyengr.com	(318) 387-2710
La Terre Engineering LLC	343 Third Street, Suite 511B Baton Rouge, LA 70801	Seneca Toussant stoussant@laterre-eng.com	(225) 960-1160
T2 UES, Inc.	3490 Highway 48 Liberty, MS 39645	Suzanne McCain, PE, LSI Suzanne.McCain@T2ue.com	(601) 341-4830
Ardaman & Associates, Inc.	316 Highlandia Drive, Baton Rouge, LA 70810	Robert Jewell RJewell@ardaman.com	(225) 666-4598
Vectura Consulting Services, LLC	PO Box 14269 Baton Rouge, LA 70898	Brin Ferlito bferlito@vecturacs.com	(225) 223-6685

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 Evaluation Criteria section of the advertisement.**

Cary Bourgeois, PE
cbourgeois@gecinc.com
(225) 612-4121

8282 Goodwood Blvd.
Baton Rouge, Louisiana