

Statement of Qualifications

CONTRACT NO. 4400030378

IDIQ CONTRACT FOR DESIGN SERVICES STATEWIDE WITH MAJORITY OF WORK IN DISTRICTS 61 AND 62

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

LASAFE AIRLINE AND MAIN COMPLETE STREETS



October 15, 2024



DOTD FORM: 24-102

(Revised September 17, 2024)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

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

| | |
|--|---|
| 1. Contract Name as shown in the advertisement | IDIQ CONTRACT FOR DESIGN SERVICES STATEWIDE WITH MAJORITY OF WORK IN DISTRICTS 61 AND 62 |
| 2. Contract Number(s) as shown in the advertisement | 4400030378 |
| 3. State Project Number(s), if shown in the advertisement | N/A |
| 4. Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law) | 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:

October 15, 2024

Date:

FIRM(S):

Vectura Consulting Services, LLC





FIRM(S)' %


10.8%

12. Past Performance Evaluation Discipline Table

| Past Performance Evaluation Discipline | % of Overall Contract | G.E.C., Inc. (GEC) (Prime) | Forte and Tablada, Inc. | NTB Associates, Inc. | DBE FIRM | Ardaman & Associates, Inc. | Each Discipline must total to 100% |
|--|-----------------------|----------------------------|-------------------------|----------------------|----------------------------------|----------------------------|------------------------------------|
| | | | | | Vectura Consulting Services, LLC | | |
| Road | 50.00% | 100.00% | | | | | 100.00% |
| Bridge | 10.00% | 100.00% | | | | | 100.00% |
| Survey | 18.00% | | 50.00% | 50.00% | | | 100.00% |
| Traffic | 12.00% | 10.00% | | | 90.00% | | 100.00% |
| Geotech | 2.00% | | | | | 100.00% | 100.00% |
| CE&I/OV | 3.00% | 100.00% | | | | | 100.00% |
| Environmental | 5.00% | 100.00% | | | | | 100.00% |
| 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% | 69.20% | 9.00% | 9.00% | 10.80% | 2.00% | 100.00% |

13. Firm Size

| Firm name | DOTD Job Classification | Number of personnel committed to this contract | Total number of personnel available in this DOTD Job Classification (if needed) |
|--|---------------------------|--|---|
|  G.E.C., Inc. | Principal | 2 | 3 |
| | Engineer | 10 | 13 |
| | Supervisor-Eng | 5 | 7 |
| | Engineer Intern | 2 | 2 |
| | Senior Technician | 1 | 1 |
|  NTB Associates, Inc. | Principal | 1 | 1 |
| | Engineer | 0 | 1 |
| | Surveyor | 5 | 7 |
| | Supervisor - Other | 1 | 3 |
| | Senior Technician | 0 | 1 |
| | CADD Technician | 1 | 6 |
| | Technician | 1 | 2 |
| | CADD Drafter | 2 | 6 |
| | Party Chief | 4 | 19 |
| | Instrument Man | 4 | 7 |
| | Rodman | 4 | 7 |
|  Forte and Tablada, Inc. | Principal | 1 | 2 |
| | Surveyor | 5 | 7 |
| | Party Chief | 2 | 6 |
| | Senior Technician | 2 | 8 |
| | Other (Survey Technician) | 3 | 5 |
|  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 | 10 | 14 |

| | | | |
|--|--------------------|---|---|
|  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. 4400030378

IDIQ CONTRACT FOR DESIGN SERVICES
STATEWIDE WITH MAJORITY OF WORK IN
DISTRICTS 61 AND 62



LEGEND

(#) Fulfills MPR

• Work Zone Training

• LTRC Modules 1-3 Training

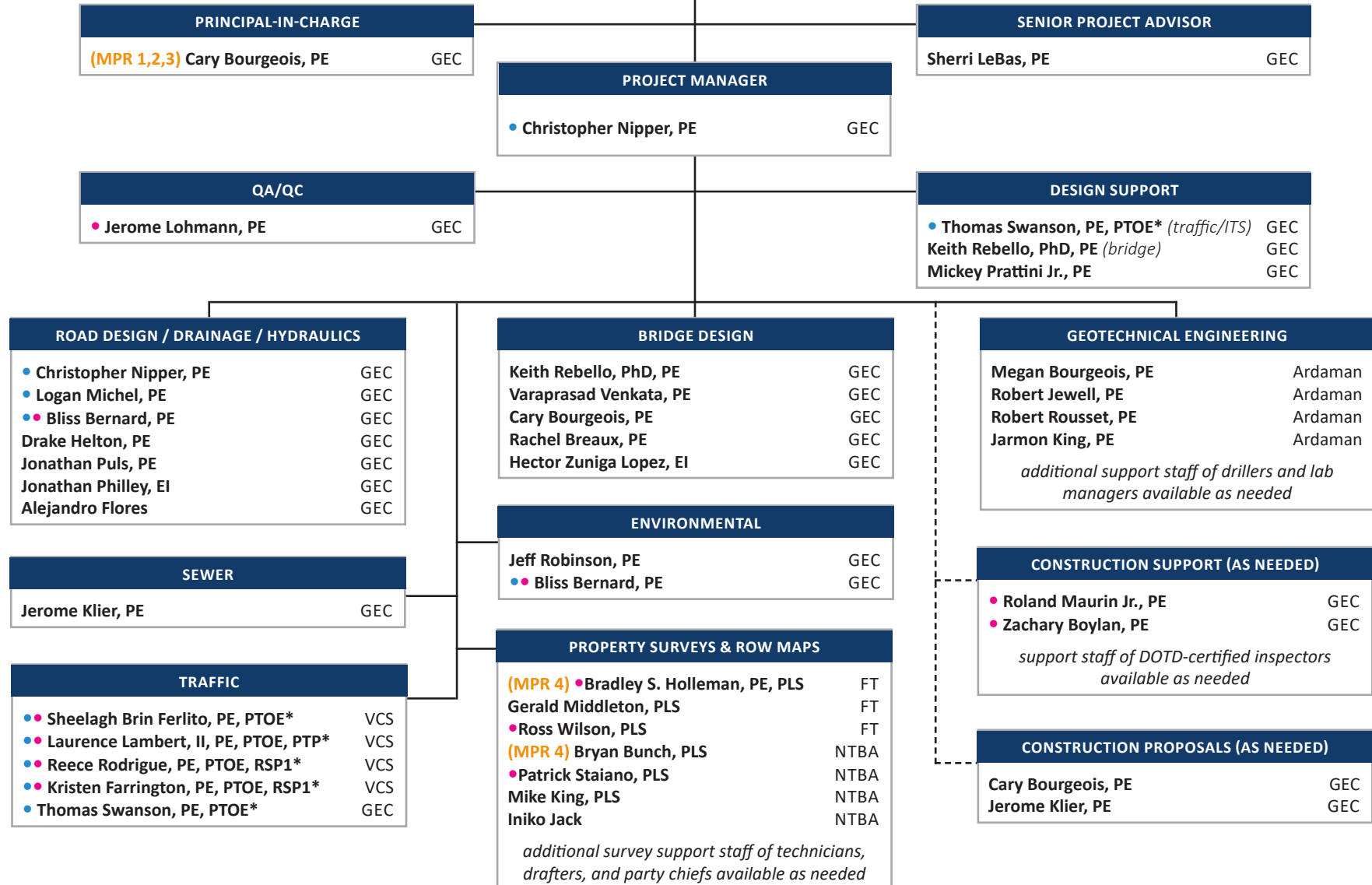
* personnel performing traffic engineering analysis and/or QC

FT Forte and Tablada, Inc.

NTBA NTB Associates, Inc.






Ardaman Ardaman & Associates, Inc.

VCS Vectura Consulting Services, LLC




G.E.C., INC.


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 | Cary Bourgeois, PE |  | PE # 23414 - Civil | Louisiana | 09/30/2025 |
| 4 | Bradley S. Holleman, P.E., P.L.S. |  | PLS # 5082 - Survey | Louisiana | 09/30/2026 |
| | Bryan Bunch, PLS |  | PLS # 5014 - Survey | Louisiana | 03/31/2026 |

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) | 39 |
| 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. |

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|---|---|--|---|
| 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, QA/QC, Bridge Design, Construction Proposals (as needed) | |
| 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> | | |
| 02/24-Present SECTION 17 PROJECT | H.015372 / LA 182 INTERCHANGE AT WILLOW: Lafayette Parish, LA. Principal in Charge - 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. | | |
| 01/23-12/23 | GNOEC, OVERLAY THE WEST CAUSEWAY APPROACH ROAD AT CHINCHUBA BAYOU: 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 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. | | |
| 12/23-Present | 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. | | |
| 08/20-Present | H.013897 / I-10 & I-12 COLLEGE DR. FLYOVER RAMP DESIGN-BUILD PROJECT: East Baton Rouge Parish, LA. Design Manager - 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. | | |
| 10/19-11/20 | I-10 SERVICE ROAD BRIDGE REPLACEMENTS: Slidell, LA. Principal-in-Charge - 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. | | |


FIRM EMPLOYED BY **G.E.C., Inc.**


| NAME | Cary Bourgeois, PE <i>Continued Resume</i> |
|--|---|
| 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. |
| 2019-04/24 SECTION 17 PROJECT | LASAFE AIRLINE AND MAIN COMPLETE STREETS: Laplace, LA. <i>Principal-in-Charge/QA/QC</i> - 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. |
| 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. |
| 02/19-Present | MID-CITY RR126 GROUP C, RR127 GROUP D, AND RR128 GROUP E: New Orleans, LA. <i>Principal in Charge</i> - 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. |
| 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. |
| 03/91-Present | GNOEC LAKE PONTCHARTRAIN CAUSEWAY, CONSULTING ENGINEER: St Tammany and Jefferson Parishes, LA. <i>Principal-in-Charge</i> - GEC has served as Consulting Engineer for GNOEC since 1991 performing Trust Indenture Services in accordance with the GNOEC General Bond Resolution. Mr. Bourgeois has been associated with the project since the selection of GEC as Consulting Engineer and has served as Project Manager for over 10 years. In this time GEC has designed and implemented over \$200,000,000 in improvements to the GNOEC system. Our responsibilities have included: recommendations for operations and maintenance of Lake Pontchartrain Causeway, review of the operating budget, emergency response, inspection and reporting, annual physical condition inspection in accordance with National Bridge Inspection Standards, planning and scheduling of future GNOEC repair and improvement projects, review of Toll Plaza configurations and toll system operation, preparation of construction contract plans, specifications and estimates for various repair and improvement projects, and construction inspection and shop drawing review. |
| 09/20-Present SECTION 17 PROJECT | BLUEBONNET BLVD. (PERKINS TO PICARDY): Baton Rouge, LA. <i>Principal-in-Charge/QA/QC</i> - 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. |

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| FIRM EMPLOYED BY G.E.C., Inc. | | | | |
| NAME | Christopher Nipper, PE | | YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER | 7 |
| TITLE | Road Design | | 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 / 09-31-2025 | | |
| 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 9 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 90% 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 and is currently under construction. 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> | | | |
| 02/24-Present SECTION 17 PROJECT | 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. | | | |
| 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. | | | |
| 12/23-04/24 | NORTH CAUSEWAY APPROACH ROAD OVERLAY: 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. | | | |
| 09/20-Present SECTION 17 PROJECT | 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. | | | |


FIRM EMPLOYED BY **G.E.C., Inc.**NAME **Christopher Nipper, PE***Continued Resume*


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| 09/19-04/24 SECTION 17 PROJECT | LASAFE AIRLINE AND MAIN COMPLETE STREETS: LaPlace, LA. Road Design Engineer - The project involved the design of a shared use path along Airline Highway that would connect to Main St. This path will accommodate pedestrians and bicyclists to improve accessibility and mobility, along with 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-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. |
| 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. |
| 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. |
| 02/19-07/20 | ST. TAMMANY PARISH GOVERNMENT, I-10 SERVICE ROAD BRIDGE REPLACEMENTS: St Tammany Parish, 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. |
| 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., so new pavement sections were designed. Mr. Nipper was involved in checking and correcting the plans. He checked and calculated quantities and the estimated costs associated with this project. |
| 06/22-Present | SHARP RD.: Mandeville, LA. Road Design Engineer - This project involved the design of subsurface drainage systems, and the replacement of existing cross drains to increase safety for this heavily trafficked roadway by improving pavement conditions and drainage, along with providing a safe place for pedestrians and bicyclists. The existing cross drains were analyzed and upgraded accordingly to handle the 50-year design storm in that region. The project also involved the reconstruction of the roadway and roadside ditches, while staying within the existing right-of-way, and the construction of a pedestrian walkway. Mr. Nipper was responsible for the entire design for the project, including standard safety features, including rumble strips, visible lane markings, shoulder wedge, guardrails, and safety end treatments, along with delineating drainage areas for multiple cross drains, and many subsurface systems, and determining the sizes and placement for these new drainage structures. Mr. Nipper developed the construction plans for the project, and also calculated the quantities required for construction. |

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| FIRM EMPLOYED BY G.E.C., Inc. | | | | |
| NAME | Thomas Swanson, PE, PTOE | | YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER | 17 |
| TITLE | ITS Section Manager | | 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 | 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 | 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 | 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. | | | |

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| FIRM EMPLOYED BY G.E.C., Inc. | | | | |
| NAME | Keith Rebello, PhD, PE | | YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER | 26 |
| TITLE | Structural Engineer | | YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S) | 6 |
| 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 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>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> | | | |
| 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> | | | |
| 04/13-07/21 | <p>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.</p> | | | |
| 06/12-Present | <p>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.</p> | | | |
| 01/23-04/23 | <p>OVERLAY THE WEST CAUSEWAY APPROACH ROAD AT CHINCHUBA BAYOU: St. Tammany Parish, LA. Structural Engineer - This project involved the rehabilitation of an existing roadway for the Greater New Orleans Expressway Commission. An important feature of this project involved replacing of the existing guardrail on the Chinchuba Bayou Bridges with new Mash-tested bridge rail. The new bridge guardrail conforms to Railing Test Level TL-4. Dr. Rebello was responsible for the design of the guardrail post supports to withstand TL-4 loads. Existing geometrical constraints required designing nine (9) distinct guardrail post base plate and anchor supports.</p> | | | |


| FIRM EMPLOYED BY G.E.C., Inc. | |
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| 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". |
| 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. |
| 09/20-Present SECTION 17 PROJECT | 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) |
| 02/20-Present | 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. |
| 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. |


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| FIRM EMPLOYED BY G.E.C., Inc. | | | |
| NAME | Mickey Prattini Jr., PE | | YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER |
| TITLE | Senior Professional Electrical Engineer | | YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S) |
| DEGREE(S) / YEARS / SPECIALIZATION | | B.S. / 2004 / Electrical Engineering | |
| ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE | | 35993 / Louisiana /03-31-2025 | |
| 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><i>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.</i></p> | | |
| 09/19-07/24 SECTION 17 PROJECT | <p>LASAFE AIRLINE AND MAIN COMPLETE STREETS: LaPlace, LA. <i>Electrical Engineer of Record</i> - 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. <i>Electrical Engineer of Record</i> - 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. <i>Engineer of Record</i> - 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. <i>Electrical Engineer of Record</i> - 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. <i>Electrical Engineer of Record</i> - 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. <i>Quality Control</i> - 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. <i>Quality Control</i>- 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> | | |

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| FIRM EMPLOYED BY G.E.C., Inc. | | | |
| NAME | Jerome Lohmann, PE | | YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER |
| TITLE | Senior Project Manager | | YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S) |
| 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 LASAFE Airline and Main Street project, currently under construction, which utilized the LADOTD Roadway Design Procedures and Details Manual. In addition, he is currently managing 90% 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 after a stage 0 has been completed.</i></p> | | |
| 09/19-04/24 SECTION 17 PROJECT | <p>LASAFE-AIRLINE & MAIN COMPLETE STREETS: LaPlace, LA. <i>Project Manager</i> - 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 SECTION 17 PROJECT | <p>BLUEBONNET BLVD. (PERKINS TO PICARDY): Baton Rouge, LA. <i>Project Manager</i> - 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> | | |
| 02/24-Present SECTION 17 PROJECT | <p>H.015372 / LA 182 INTERCHANGE AT WILLOW: Lafayette Parish, LA. <i>Road Design Engineer</i> - 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.</p> | | |
| 02/17-10/17 | <p>H.008046 LA 3152: CLEARVIEW OPERATIONAL IMPROVEMENTS: Jefferson Parish, LA. <i>Project Manager</i> - 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***Continued Resume*


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| 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. |
| 11/15-08/16 SECTION 17 PROJECT | 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). |
| 02/19-Present | 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. |
| 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. |
| 08/02-12/15 | H.002301 / NORTH SHERWOOD FOREST DRIVE IMPROVEMENTS: East Baton Rouge Parish, LA. Project Manager/Lead Road Design Engineer - This project replaced 1.8 miles of rural two-lane roadway with a five-lane urban roadway with subsurface drainage, including the design of 6' sidewalks on both sides of the roadway. Mr. Lohmann managed the project from the EA through final plans. On the preliminary and final plan phases, he served as the lead road design engineer and was responsible for complete development of the roadway plans, including the topographic survey, horizontal and vertical geometry, existing and design drainage maps, right-of-way maps, sub-surface drainage design, cross drain design, erosion control, striping and construction phasing. He personally designed the geometric alignments, turning lanes, numerous connections to and a re-alignment of existing roads with extensive earthwork requirements. This project included a level 2 TMP. |
| 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. |


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| FIRM EMPLOYED BY G.E.C., Inc. | | | | |
| NAME | Logan Michel, PE | | YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER | 2 |
| TITLE | 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><i>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.</i></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>H.015532 & H.015542 / IJA OFF-SYSTEM BRIDGES, RUE DE KAJUN & GREENWOOD RD: Assumption Parish & West Feliciana Parish, LA. Design Engineer - Projects include the design of a bridge spot replacement of off-system bridges. Design is 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 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> | | | |


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| 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 / 03-31-2025 | | |
| YEAR REGISTERED | 2018 | DISCIPLINE | Civil Engineer | |
| 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>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.</i></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. | |
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| 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. |

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| 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 DOTO 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> | | |

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| 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 | |
| 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> | | |
| 2019-2021 | <p>PHASE II BRIDGE SCOUR ANALYSES: Multiple Parishes, LA. <i>Project Manager and H&H Modeler</i> - 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) (LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT): Lafayette, LA. <i>Project Engineer</i> – 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. <i>Project Engineer</i> - 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> | | |
| 2012-2017 | <p>PRECONSTRUCTION ENGINEERING AND DESIGN FOR (PO-142) HYDROLOGIC RESTORATION OF THE AMITE RIVER DIVERSION CANAL PROJECT: Amite River Diversion Canal, LA. <i>Project Manager and Cost Engineer</i> - As project manager and primary point of contact for GEC on this ecosystem restoration project, Mr. Puls coordinated all aspects of the Preconstruction Engineering and Design phase of the project through coordination with CPRA including project design, design documentation, development of construction specifications, permitting, cost estimation, and report production. The report includes all required design documentation, plans and specifications, construction quantities, costs and schedule, and permitting coordination. The project included the proposed restoration of 1,600 acres of freshwater swamp habitat within the Western Maurepas Swamp. Mr. Puls also handled all coordination with local and federal agencies, along with local stakeholders and the remainder of the project delivery team.</p> | | |

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| FIRM EMPLOYED BY G.E.C., Inc. | | | | |
| NAME | Jonathan Philley, EI | | YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER | 2 |
| 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 | | |
| 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. 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.</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> | | | |
| 03/22-Present | <p>LA 45 DRAINAGE IMPROVEMENTS: Jefferson Parish, LA. Designer - This project involved 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 drainage system were computed. The drainage system was designed according to the current LADOTD standards and guidelines (2011 LADOTD Hydraulics 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>IIJA OFF-SYSTEM BRIDGE, H.015535- BILLY GOAT RD & H.015536- THOMPSON CREEK RD: East Feliciana Parish, LA. Engineer Intern - Projects include the design of a bridge spot replacement of off-system bridges. Design is 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 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> | | | |

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| 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><i>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.</i></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> | | | |

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| FIRM EMPLOYED BY G.E.C., Inc. | | | | |
| NAME | Jerome Klier, PE | | YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER | 15 |
| TITLE | Professional Civil Engineer | | YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S) | 41 |
| DEGREE(S) / YEARS / SPECIALIZATION | | B.S. / 1963 / Civil Engineering | | |
| ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE | | 11591 / Louisiana / 09-30-2026 | | |
| YEAR REGISTERED | 1968 | DISCIPLINE | Civil Engineer | |
| CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES | | Role on this Project: Sewer, Construction Proposals (as needed) | | |
| 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. Klier is a Senior Project Manager with more than 55 years' experience in engineering. [He is a Senior Project Manager experienced with sewerage and drainage systems projects. He has completed several significant projects, including the East Baton Rouge Wastewater Pump Station 58 Replacement and East Baton Rouge Booster Pump Station 514 Replacement.] He retired in 2004 from the East Baton Rouge City-Parish Department of Public Works (DPW) after 28 years of service. For 20 of those years, he served in the Engineering Division where he held the following positions: Project Engineer; Assistant Chief Construction Engineer; Design Engineer; Assistant Chief Engineer; and Chief Engineer. The remaining eight years with DPW included serving as Acting Director of Public Works and Deputy Director of Public Works. Mr. Klier is very knowledgeable about the public bid law requirements, particularly Title 38 of the State of Louisiana Revised Statutes and the State of Louisiana Division of Administration Facility Planning and Control (FP&C) construction document and bidding requirements.</p> | | | |
| 03/24-Present | <p>HAHNVILLE WWTP CAPACITY UPGRADES S240201: Hahnville, LA. Design Engineer - GEC is providing conceptual design services for the Hahnville Wastewater Treatment Plant WWTP Capacity Upgrades project. Staff is responsible for reviewing and analyzing potential solutions to increase capacity at the Hahnville WWTP, specifically within the existing clarifiers via equipment installation. Mr. Klier is assisting in the completion of the conceptual report.</p> | | | |
| 09/19-04/24 | <p>LASAFE AIRLINE AND MAIN COMPLETE STREETS: LaPlace, LA. Design Engineer - The project involved the design of a shared use path along Airline Highway that would connect to Main St. This path will accommodate pedestrians and bicyclists to improve accessibility and mobility, along with 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. In order to facilitate the construction of these improvements, Mr. Klier prepared water and sanitary sewer plans for the relocation and/or the adjustment of these facilities to accommodate the constructability of these beautification improvements.</p> | | | |
| 2017 | <p>PALMISANO BLVD. DRAINAGE IMPROVEMENTS: Chalmette, LA. Project Engineer - This project included 4,300 linear feet of 10'x6' and 8'x4' box culverts, a 25 CFS drainage pumping station and a four-lane concrete bridge over the Twenty-Arpent Canal. Our work included surveying, H&H study, preliminary design, final design, bidding, and construction phase services.</p> | | | |
| 2016-Present | <p>TERRACE STREET DRAINAGE PUMP STATION RENOVATIONS: Baton Rouge, LA. Project Manager - Mr. Klier serves as Project Manager and Lead Design Engineer on this project, which includes hydrologic and hydraulic analyses of the upper reaches of the Corporation Canal Watershed and an evaluation of the existing pumping equipment and canal control intake structure. This project involved the replacement of the existing four (4) 84,000 GPM pumps with new vertical turbine pumps and replacing the existing diesel engine drivers with 1,250 HP horizontal electric motors. Mr. Klier's responsibilities included coordinating other subconsultants and architectural design team members, and in-house hydraulic, structural, mechanical and electrical design engineers.</p> | | | |
| 2009-2014 | <p>SANITARY SEWER SYSTEM UPGRADES, SOUTH FORCE MAIN AND GRAVITY SYSTEMS, PUMP STATION 58A, SGC-C-PS58A (STARING LANE – OVERFLOW PS): Baton Rouge, LA. Lead Project Civil Engineer - Mr. Klier was the Lead Project Civil Engineer for the new 120 MGD wastewater submersible pumping station on Essen Lane near Ward's Creek. He was responsible for the design of the overall project as well as design of the site plans, yard and force main piping, specifications, and special provisions. Mr. Klier's responsibilities also included coordinating the design of Pump Station 58 between in-house structural and electrical team members and other members of the design team.</p> | | | |

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| 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 Quality Control | |
| 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 & pedestrian clearance timings based on DOTD requirements. Brin assisted with vehicle & pedestrian data collection, spot speed study, analyzed 3-year intersection crash data & 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. | | |

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| 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: Traffic 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). | | |
| 07/19 – 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. | | |
| 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. | | |
| 04/23 – 10/23 | H.014591.5 I-12: US 61 Bridges Girder Repairs (Baton Rouge, LA) Laurence was the project manager for a Level 2 TMP for the interchange of I-12 at US 61. Laurence performed QA/QC for a lane closure analysis based on queuing. A safety analysis of the construction zone was also performed to identify any “hot spots” where Laurence also performed QA/PC. The results were summarized in a report that was reviewed by DOTD. | | |
| 04/18 – 12/21 | H.010960.5 LA 30 ROUNDABOUTS AT TANGER & I-10 GONZALES: (Ascension, LA) Laurence provided a Quality Control review of the temporary construction and sequence of construction plans. Vectura also provided Quality Control review of signing and striping plans at 30% and 60% plan sets to ensure the roundabouts conformed to the Pavement Markings Details Sheet PM-09 and the MUTCD details on roundabouts. | | |
| 04/18 – 12/21 | H.011909.5-4 ROUNDABOUT: US 171 at Boone St.: (Vernon Parish, LA) Laurence provided a Quality Control review of the temporary construction and sequence of construction plans. Vectura also provided Quality Control review of signing and striping plans at 30% and 60% plan sets to ensure the roundabouts conformed to the Pavement Markings Details Sheet PM-09 and the Manual on Uniform Traffic Control Devices (MUTCD) details on roundabouts. | | |
| 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. | | |
| 01/23 – 02/24 | H.011504 ALEXANDRIA ITS PHASE 2: Laurence was the project manager for a System Engineering Analysis Report, Engineering Opinion of Probably Construction Cost and Level 2 Transportation Management Plan for the Alexandria area. | | |
| 10/21–03/22 | H.013256.5 I-10 ITS SCOTT TO LAKE CHARLES: (Lead Traffic Engineer) Laurence was the lead traffic engineer for a Level 2 Traffic Management Plan (TMP) for the construction of ITS equipment along I-10. The plan included a safety strategy that included a CAT Scan, LOS determination utilizing Citrix data, lane closure recommendations based on a queue analysis and public information strategies. | | |
| 09/18 – 02/19 | H.013261.1 I-110 ITS DEPLOYMENT SYSTEMS ENGINEERING ANALYSIS: (Project Manager) As a sub-consultant, Laurence was the task leader for the Constraints & Alternatives Analysis as well as the Projects & Procurement Strategy portion of the project. The goal of the project was to deploy Close Circuit Television (CCTV) cameras and one Dynamic Message Sign (DMS) along the I-110 corridor from US 190 to US 61. To communicate with the field devices from the Traffic Management Centers (TMCs), installing fiber optics along the I-110 corridor was recommended. The fiber optics also allow communication to the traffic signals at the interchange ramps along I-110 to the TMC. | | |

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| 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: Traffic | |
| 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. | | |
| 02/20 – 09/21 | COLLEGE DRIVE CORRIDOR ENHANCEMENT FROM PERKINS ROAD TO I-10: (Baton Rouge, LA) Reece was the task leader for organizing and formatting the data collection of the College Drive project limits. Tasks included in data collection were 7-day tube counts, intersection turning movement counts, approach tube counts, unmet demand observations, driveway counts, travel time runs, pedestrian / bicycle counts, and weaving counts. | | |

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| FIRM EMPLOYED BY Vectura Consulting Services, LLC | | | |
| NAME | Kristen 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. / 2013 / 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: Traffic | |
| 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 – 04/24 | CP NO. 16 CI-US-0032 BUS RAPID TRANSIT (BRT) IMPROVEMENT PROJECT: (Baton Rouge, LA) Kristen a project engineer for a traffic design study and traffic signal design of 19 signals along three corridors: Plank Road, 22nd Street and US 190 (Florida Street). Kristen assisted the prime consultant with the safety analysis as well. | | |
| 07/23 – 01/24 | H.015504.5 CCC DECORATIVE LIGHTING LEVEL 4 TMP: (New Orleans, LA) Kristen was the lead traffic engineer for a Level 4 Traffic Management Plan (TMP) for the Crescent City Connection (CCC). Kristen performed a 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. | | |
| 04/23 – 10/23 | H.014591.5 I-12, US 61 BRIDGES GIRDER REPAIRS: (Baton Rouge, LA) Kristen was the lead traffic engineer for a Level 2 TMP for the interchange of I-12 at US 61. Kristen performed a 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. | | |
| 08/21 – 04/22 | H.013267 DOWNTOWN TO SCOTLANDVILLE PARKWAY TRAIL SAFETY ENHANCEMENT STUDY: (Baton Rouge, LA) Kristen was a project engineer for a design study to evaluate the recommended street crossing treatments of the trail at eight locations. The project consisted of collecting vehicular speed and volume data at the proposed trail crossings. Geometric field checks were also performed to determine if any hazards to pedestrians or cyclists existed. Once the field data was collected and analyzed, appropriate crossing treatments utilizing the FHWA STEP Guide for Improving Pedestrian Safety at Unsignalized Locations were developed that included Rectangular Rapid-Flashing Beacons (RRFB) and Pedestrian Hybrid Beacons (PHB’s). Currently, Vectura is developing plans for the PHB’s at four locations which will be the first implementation of PHB’s in the Baton Rouge area. | | |
| 02/20 – 09/21 | MOVEBR COLLEGE DRIVE ENHANCEMENT PROJECT: (Baton Rouge, LA) Kristen assisted with the data collection task of the College Drive project limits. Tasks included in data collection were 7-day tube counts, intersection turning movement counts, approach tube counts, unmet demand observations, driveway counts, travel time runs, pedestrian / bicycle counts, and weaving counts. | | |
| 6/19 - 2/21 | H.013459 US 167 IMPROVEMENTS STAGE 0 ELSIE STREET TO GILBERT STREET: (St. Landry Parish, LA) Kristen served as project manager for a Stage 0 study to evaluate the addition of a third lane to US 167 from Elsie Street south to a point past Gilbert Drive. Environmental impacts and cost estimates were prepared, as well as a benefit-cost analysis of all improvements considered. Civil Engineer responsible for safety analysis including crash rate number method, over-representation, CATScan quality assurance, HSM existing safety analysis, and No-Build Analysis. Designed high-level concept exhibits and comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes. | | |
| 6/19 - 2/21 | H.013460 US 167 IMPROVEMENTS STAGE 0 ENOLA STREET TO ROSS ROAD: (Evangeline Parish, LA) Kristen served as project manager for a Stage 0 study of a two-lane road to remove a curvilinear section of US 167 from Enola Street near LA 748, southeast for approximately 1.2 miles. The study compared connecting existing property owners to a new roadway with driveways or intersection of old roadway. Environmental impacts and cost estimates were prepared. Civil Engineer responsible for safety analysis including crash rate number method, over-representation, CATScan quality assurance, HSM existing safety analysis, and No-Build Analysis, as well as a benefit-cost analysis. Designed high-level concept exhibits and a comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes. | | |

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| FIRM EMPLOYED BY Vectura Consulting Services, LLC | | | |
| NAME | Kristen 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: Traffic 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 – 04/24 | CP NO. 16 CI-US-0032 BUS RAPID TRANSIT (BRT) IMPROVEMENT PROJECT: (Baton Rouge, LA) Kristen a project engineer for a traffic design study and traffic signal design of 19 signals along three corridors: Plank Road, 22nd Street and US 190 (Florida Street). Kristen assisted the prime consultant with the safety analysis as well. | | |
| 07/23 – 01/24 | H.015504.5 CCC DECORATIVE LIGHTING LEVEL 4 TMP: (New Orleans, LA) Kristen was the lead traffic engineer for a Level 4 Traffic Management Plan (TMP) for the Crescent City Connection (CCC). Kristen performed a 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. | | |
| 04/23 – 10/23 | H.014591.5 I-12: US 61 Bridges Girder Repairs (Baton Rouge, LA) Kristen was the lead traffic engineer for a Level 2 TMP for the interchange of I-12 at US 61. Kristen performed a 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. | | |
| 08/21 – 04/22 | H.013267 DOWNTOWN TO SCOTLANDVILLE PARKWAY TRAIL SAFETY ENHANCEMENT STUDY: (Baton Rouge, LA) Kristen was a project engineer for a design study to evaluate the recommended street crossing treatments of the trail at eight locations. The project consisted of collecting vehicular speed and volume data at the proposed trail crossings. Geometric field checks were also performed to determine if any hazards to pedestrians or cyclists existed. Once the field data was collected and analyzed, appropriate crossing treatments utilizing the FHWA STEP Guide for Improving Pedestrian Safety at Unsignalized Locations were developed that included Rectangular Rapid-Flashing Beacons (RRFB) and Pedestrian Hybrid Beacons (PHB's). Currently, Vectura is developing plans for the PHB's at four locations which will be the first implementation of PHB's in the Baton Rouge area. | | |
| 02/20 – 09/21 | MOVEBR COLLEGE DRIVE ENHANCEMENT PROJECT: (Baton Rouge, LA) Kristen assisted with the data collection task of the College Drive project limits. Tasks included in data collection were 7-day tube counts, intersection turning movement counts, approach tube counts, unmet demand observations, driveway counts, travel time runs, pedestrian / bicycle counts, and weaving counts. | | |
| 6/19 - 2/21 | H.013459 US 167 IMPROVEMENTS STAGE 0 ELSIE STREET TO GILBERT STREET: (St. Landry Parish, LA) Kristen served as project manager for a Stage 0 study to evaluate the addition of a third lane to US 167 from Elsie Street south to a point past Gilbert Drive. Environmental impacts and cost estimates were prepared, as well as a benefit-cost analysis of all improvements considered. Civil Engineer responsible for safety analysis including crash rate number method, over-representation, CATScan quality assurance, HSM existing safety analysis, and No-Build Analysis. Designed high-level concept exhibits and comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes. | | |
| 6/19 - 2/21 | H.013460 US 167 IMPROVEMENTS STAGE 0 ENOLA STREET TO ROSS ROAD: (Evangeline Parish, LA) Kristen served as project manager for a Stage 0 study of a two-lane road to remove a curvilinear section of US 167 from Enola Street near LA 748, southeast for approximately 1.2 miles. The study compared connecting existing property owners to a new roadway with driveways or intersection of old roadway. Environmental impacts and cost estimates were prepared. Civil Engineer responsible for safety analysis including crash rate number method, over-representation, CATScan quality assurance, HSM existing safety analysis, and No-Build Analysis, as well as a benefit-cost analysis. Designed high-level concept exhibits and a comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes. | | |

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| FIRM EMPLOYED BY Forte and Tablada, Inc. | | | |
| NAME | Bradley S. Holleman, P.L.S., P.E. | | YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER |
| TITLE | Senior Vice President, Survey/AMM | | YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S) |
| DEGREE(S) / YEARS / SPECIALIZATION | | B.S. / 2009 / Civil Engineering with Minor in Land Surveying | |
| ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE | | 5082 / Louisiana / 09-30-2026; 47165 / Louisiana / 03-31-2025 | |
| YEAR REGISTERED | 2012; 2022 | DISCIPLINE | Land Surveying; Civil Engineer |
| CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES | | Role on this Project: Property Surveys & ROW Maps | |
| 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>Mr. Holleman will serve as Principal-in-Charge during this contract, and in that role he will coordinate with the Project Manager to assure task orders are estimated, started, and completed to meet scheduled deadlines, while also satisfying LADOTD deliverable standards and Forte and Tablada's quality standard. Mr. Holleman has 12 years of experience of managing field crews and office work on on-system LADOTD Topographic Surveys, Boundary Surveys and Right of Way Mapping with 8 years being the Supervising Professional and 3 years as Principal. He has successfully managed over 40 task orders under 8 separate Topographic and Right of Way Mapping IDIQ Contracts with LADOTD.</i></p> | | |
| 03/12 – 11/12 | <p>H.0023586 LA 16 AT LA 22 ROUNDABOUT: Livingston Parish - LA DOTD-South Louisiana Survey Retainer – Surveyor-in-Charge for the property survey and right of way map. This project was for a the construction of a roundabout at the intersection of La 22 and La 16. The work consisted of conducting field and office analysis to determine the existing right of way and produce a set of right of way maps, according to LA DOTD specifications, for acquisition of parcels required for construction. This project demonstrates Mr. Holleman's ability to fulfill the minimum personnel requirement of having over five (5) years of experience in conducting boundary surveys and developing ROW Maps for DOTD.</p> | | |
| 04/12 – 09/12 | <p>H.009391 – LA 3188 DRAINAGE IMPROVEMENTS: Laplace, LA – Surveyor-in-Charge for the topographic survey and existing drainage map. This project was for drainage improvements to resolve localized roadway flooding along La 3188. The work consisted of completing a topographic survey, according to the LA DOTD Location and Survey Manual, including all utilities with depths and all drainage required along with finished floor elevations of all building that fall within the survey limits. This project demonstrates Mr. Holleman's ability to fulfill the minimum personnel requirement of having over five (5) years of experience in conducting topographic surveys.</p> | | |
| 03/13 – 03/13 | <p>BAYOU CORNE SINK HOLE PARCEL MAPS: LA DOTD -South Louisiana Survey Retainer – Surveyor-in-Charge for the property survey and right of way map. This project to address the salt dome collapse near Bayou Corne. The work consisted of conducting field and office analysis to determine the existing right of way and produce a set of right of way maps, according to LA DOTD specifications, for acquisition of parcels required for monitoring the roadway.</p> | | |
| 12/14 – 03/16 | <p>H.011137 & H.011152 I-12 (LA 21 TO LA 59): St Tammany, LA – Surveyor-in-Charge for the topographic survey, 3D laser scanning and existing drainage map. This project was for widening of Interstate 12 from LA 21 to La 59 in St. Tammany Parish. The work consisted of completing a topographic survey, according to the LA DOTD Location and Survey Manual, including all utilities with depths and all drainage required along with finished floor elevations of all building that fall within the survey limits.</p> | | |
| 09/15-01/16 | <p>H.011323 NIGHTHAWK / SPANISH TRAIL: LA DOTD -South Louisiana Survey Retainer – Surveyor-in-Charge for the property survey and right of way map. This project was for the construction of a new railroad crossing connecting Nighthawk Road to Spanish Trail. The work consisted of conducting field and office analysis to determine the existing right of way and produce a set of right of way maps, according to LA DOTD specifications, for acquisition of parcels required for construction.</p> | | |
| 06/16 – 02/17 | <p>H.000263 CHEF MENTEUR PASS BRIDGE: Surveyor-in-Charge for the topographic survey, 3D laser scanning and existing drainage map. This project was for the design of new bridge to replace the existing swing bridge on US 90 over Chef Menteur Pass. The work consisted of completing a topographic survey, according to the LA DOTD Location and Survey Manual, including all utilities with depths and all drainage required along with finished floor elevations of all building that fall within the survey limits.</p> | | |

| FIRM EMPLOYED BY Forte and Tablada, Inc. | |
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| NAME | Bradley S. Holleman, P.L.S., P.E. <i>Continued Resume</i> |
| 04/17 – 10/19 | H.002151 LA 339 AND LA 339S BAYOU PARC: LA DOTD -South Louisiana Survey Retainer – Surveyor-in-Charge for the property survey and right of way map. This project was for the construction of a bridge replacement and improvements along LA 339. The work consisted of conducting field and office analysis to determine the existing right of way and produce a set of right of way maps, according to LA DOTD specifications, for acquisition of parcels required for construction. |
| 01/18 – 04/20 | H.004100 I-10: LA 415 to Essen Lane - Surveyor-in-Charge for the topographic survey and 3D Mobile laser scanning. This project was for the widening design of Interstate 10 from LA 415 to Essen Lane in East Baton Rouge Parish. This Survey was part of a larger project that extended West to LA 415 and included a team of 4 Survey firms to complete the work on schedule. |
| 05/18 – 04/19 | H.012591 I-10 PARIS ROAD LAKE PONTCHARTRAIN: Surveyor-in-Charge for the topographic survey, 3D Mobile laser scanning and existing drainage map. This project was for the design of Interstate 10 improvements of an 8 mile stretch in New Orleans East. The work consisted of completing a topographic survey, according to the LA DOTD Location and Survey Manual, including all utilities with depths and all drainage required along with finished floor elevations of all building that fall within the survey limits. |
| 08/19-Ongoing | H.011670- I-10/LOYOLA INTERCHANGE IMPROVEMENTS: Kenner, LA- Surveyor-in-Charge/Principal-in-Charge providing Topographic Survey, Right-of-Way Survey, and Drainage Survey. The project stretches along I-10, from the levee in Kenner to the Williams Blvd. off ramp, as well as Loyola Avenue and portions of Veterans Blvd for approximately 3.2 miles of roadway. The Survey was part of a Design-Build Project, which required weekly data updates, to allow the Design team to begin working and stay on schedule. Due to the compressed timeline of the Survey, a total of 3 Survey firms were contracted to split up the workload, with Forte and Tablada, Inc. serving as Prime Surveyor, being responsible for management and QA/QC of all Survey work. Mr. Holleman originally managed SJB Group's portion of the Survey, and is now serving as Principal-in-Charge for any ongoing or new work Forte and Tablada is tasked with. |
| 11/19-12/20 | H.012083- CALCASIEU RIVER BRIDGE INVESTIGATION: Calcasieu Parish, LA- Surveyor to provide Mobile LiDAR scanning services for the I-10/Lake Calcasieu bridge in Lake Charles, LA. Terrestrial scans were done underneath the bridge for 10 spans on the East and West side, on top the deck to capture the superstructure, as well as from the water below to capture the sub structure. In addition to the terrestrial scans, mobile Lidar was done for future planning. |
| 12/19 – 11/20 | H.001344 US 190: LA 437 – US 190 (BUS) - Surveyor-in-Charge for the property survey, title take-offs and right of way map. This project was for the construction of improvements along US 190 from La 437 to US 190 (BUS). The work consisted of conducting field and office analysis to determine the existing right of way and produce a set of right of way maps, according to LA DOTD specifications, for acquisition of parcels required for construction. |
| 01/21-04/23 | H.011684 LA 327 SPUR: Staring Lane Extension- East Baton Rouge Parish, LA (4400010587- Task Orders 1 and 16; 4400021974- Task Order 5)- Principal-in-Charge for a topographic survey and drainage map for this project, being approximately 1.5 miles long, in between the intersections of La 42 (Burbank Dr.) and Staring Ln. and La 327 (Gardere Ln.) and La 30. Terrestrial LiDAR was utilized on all busy roadways as a means to obtaining topographic data without endangering surveyors. Principal-in-Charge for property surveys, establishing existing property lines and title take-offs for LA DOTD. |
| 01/21-12/22 | H.003931- CALCASIEU RIVER BRIDGE (HBI): Calcasieu Parish, LA (4400010587- Task Order 18; 4400015237- Task Order 1; 4400021974- Task Orders 1, 3, and 4) – Principal-in-Charge for this project providing topographic survey and drainage mapping. This project is in a high-traffic industrial area along I-210 and is approximately 7 miles long. Forte and Tablada completed Mobile LiDAR scanning services for much of the corridor as a means of obtaining topographic data without endangering surveyors. The Survey also included Multibeam Hydrographic survey of Lake Charles, and Terrestrial LiDAR scanning of bridge substructures. This Survey included four Phases of work, which were completed within a condensed timeline, requiring up to 6 Survey Crews being mobilized in order to meet deadlines for each Phase. |

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| FIRM EMPLOYED BY Forte and Tablada, Inc. | | | |
| NAME | Gerald Middleton, P.L.S. | | YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER |
| TITLE | Senior Surveyor | | YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S) |
| DEGREE(S) / YEARS / SPECIALIZATION | | N/A | |
| ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE | | 4856 / Louisiana / 09-30-2025 | |
| YEAR REGISTERED | 1999 | DISCIPLINE | Land Surveying |
| CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES | | Role on this Project: Property Surveys & ROW Maps | |
| 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). | | |
| 49 years of experience | <p><i>Mr. Middleton will serve as QA/QC Manager during this contract, and in that role he will review field and office methodology, assist in initial project planning, and perform an extra layer of review for completed task orders. Mr. Middleton will also assist in any additional planning required, in order to meet tight deadlines. Mr. Middleton has 11.5 years of experience as a supervising Survey Manager over field crews and office work on on-system LADOTD Topographic and Right-of-Way Surveys, with 2.5 years being the Professional Surveyor-in-Charge on these projects. Mr. Middleton has successfully served as QA/QC Manager on over 16 separate On-system Topographic and Right-of-Way Surveys for LADOTD.</i></p> | | |
| 05/21–12/22 | <p>H.003931- CALCASIEU RIVER BRIDGE (HBI): Calcasieu Parish, LA (4400010587- Task Order 18; 4400015237- Task Order 1; 4400021974- Task Orders 1, 3, and 4) – QC Reviewer for this project providing topographic survey and drainage mapping. This project is in a high-traffic industrial area along I-210 and is approximately 7 miles long. Forte and Tablada completed Mobile LiDAR scanning services for much of the corridor as a means of obtaining topographic data without endangering surveyors. The Survey also included Multibeam Hydrographic survey of Lake Charles, and Terrestrial LiDAR scanning of bridge substructures. This Survey included four Phases of work, which were completed within a condensed timeline, requiring up to 6 Survey Crews being mobilized in order to meet deadlines for each Phase.</p> | | |
| 08/14-Ongoing | <p>H.004273.5 – I-49 CONNECTOR: Lafayette Parish, LA – LA DOTD – QC Reviewer responsible for providing topographic and property surveying services for the I-49 Connector. The project is in a dense urban area and is approximately 5 miles long. Forte and Tablada, Inc. completed terrestrial LiDAR scanning services for much of the congested corridor as a means to obtaining topographic data without endangering surveyors. Forte and Tablada, Inc. was able to mobilize up to 4 Survey crews on this project, in order to meet phased deadlines.</p> | | |
| 08/19-Ongoing | <p>H.011670- I-10/LOYOLA INTERCHANGE IMPROVEMENTS: Kenner, LA- QC Reviewer providing Topographic Survey, Right- of-Way Survey, and Drainage Survey. The project stretches along I-10, from the levee in Kenner to the Williams Blvd. off ramp, as well as Loyola Avenue and portions of Veterans Blvd for approximately 3.2 miles of roadway. The Survey was part of a Design-Build Project, which required weekly data updates, to allow the Design team to begin working and stay on schedule. Due to the compressed timeline of the Survey, a total of 3 Survey firms were contracted to split up the workload, with Forte and Tablada, Inc. serving as Prime Surveyor, being responsible for management and QA/QC of all Survey work.</p> | | |
| 01/18-06/19 | <p>H.004100- I-10, LA 415 TO ESSEN LANE TO I-10 AND I-12- EAST AND WEST BATON ROUGE PARISHES: LA DOTD (4400012323)- QC Reviewer for topographic survey of approximately 5 miles of roadway along I-10 and I-12 between LSU lakes and Essen Lane. This Survey was part of a larger project that extended West to LA 415 and included a team of 4 Survey firms to complete the work on schedule. Project required Forte and Tablada, Inc. to mobilize up to 5 Survey Crews to meet phased deadlines. Project included both conventional and LiDAR Survey methods.</p> | | |
| 01/20-10/20 | <p>H.012588, H.012169, H.012587 I-10: Atch Basin Br-W. Baton Rouge P/L, I-10: Iberville P/L-W End Miss Br, I-10: W End of Br 290-W End of LA 415- West Baton Rouge & Iberville Parishes, LA (4400010587- Task Orders 6, 7, and 8)- QC Reviewer for complete topographic survey, approximately 18.3 miles along I-10, from the East end of the Atchafalaya Bridge to the West end of the I-10/LA 415 Interchange. Mobile LiDAR was utilized, throughout the project, as a means to obtaining topographic data without endangering surveyors.</p> | | |
| 10/12-03/13 | <p>H.009250 I-10: Highland to LA 73: East Baton Rouge and Ascension Parishes, LA– QC Reviewer for the topographic survey of approximately 7.0 miles to widen the interstate. Terrestrial LiDAR was utilized on all bridges as a means to obtaining topographic data without endangering surveyors.</p> | | |

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| FIRM EMPLOYED BY Forte and Tablada, Inc. | | | |
| NAME | Ross A. Wilson, P.L.S. | | YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER |
| TITLE | Senior Professional Land Surveyor | | YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S) |
| DEGREE(S) / YEARS / SPECIALIZATION | | B.S. / 2010 / Geomatics | |
| ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE | | 5148 / Louisiana / 03-31-2026 | |
| YEAR REGISTERED | 2015 | DISCIPLINE | Land Surveying |
| CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES | | Role on this Project: Property Surveys & ROW Maps | |
| 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). | | |
| 15 years of experience | <p><i>Mr. Wilson will serve as Project Manager during this contract, and in that role he will supervise all field and office work performed on topographic task orders. He will also lead the effort on estimating task orders and producing project deliverables ahead of any project deadlines. Mr. Wilson will be responsible for all QA/QC efforts from beginning to end of each topographic survey task order, including the final project deliverables. Mr. Wilson has 12 years of experience of managing field crews and office work on on-system LADOTD Topographic Surveys, with 9 years being the Professional Surveyor-in-Charge on these projects. Mr. Wilson has successfully managed 31 task orders under 5 separate Topographic and Right-of-Way IDIQ Contracts with LADOTD.</i></p> | | |
| 05/21 – 12/22 | <p>H.003931- CALCASIEU RIVER BRIDGE (HBI): Calcasieu Parish, LA (4400010587- Task Order 18; 4400015237- Task Order 1; 4400021974- Task Orders 1, 3, and 4) – Surveyor-in-Charge for this project providing topographic survey and drainage mapping. This project is in a high-traffic industrial area along I-210 and is approximately 7 miles long. Forte and Tablada completed Mobile LiDAR scanning services for much of the corridor as a means of obtaining topographic data without endangering surveyors. The Survey also included Multibeam Hydrographic survey of Lake Charles, and Terrestrial LiDAR scanning of bridge substructures. This Survey included four Phases of work, which were completed within a condensed timeline, requiring up to 6 Survey Crews being mobilized in order to meet deadlines for each Phase.</p> | | |
| 08/19-Ongoing | <p>H.011670- I-10/LOYOLA INTERCHANGE IMPROVEMENTS: Kenner, LA- Surveyor-in-Charge providing Topographic Survey, Right- of-Way Survey, and Drainage Survey. The project stretches along I-10, from the levee in Kenner to the Williams Blvd. off ramp, as well as Loyola Avenue and portions of Veterans Blvd for approximately 3.2 miles of roadway. The Survey was part of a Design-Build Project, which required weekly data updates, to allow the Design team to begin working and stay on schedule. Due to the compressed timeline of the Survey, a total of 3 Survey firms were contracted to split up the workload, with Forte and Tablada, Inc. serving as Prime Surveyor, being responsible for management and QA/QC of all Survey work. Mr. Wilson was responsible for ensuring all Survey work was completed on schedule, while also meeting all LADOTD requirements.</p> | | |
| 08/15-Ongoing | <p>H.004273.5 – I-49 CONNECTOR: Lafayette Parish, LA – LA DOTD – Survey Manager/ Surveyor-in-Charge responsible for providing topographic and property surveying services for the I-49 Connector. The project is in a dense urban area and is approximately 5 miles long. Forte and Tablada, Inc. completed terrestrial LiDAR scanning services for much of the congested corridor as a means to obtaining topographic data without endangering surveyors. Forte and Tablada, Inc. was able to mobilize up to 4 Survey crews on this project, in order to meet phased deadlines. This project demonstrates Mr. Wilson’s ability to fulfill the minimum personnel requirement of having over five (5) years of experience in conducting topographic surveys.</p> | | |
| 06/20-03/22 | <p>H.013979, H.013995, H.013992, H.013994, H.013985, H.013954, H.013990- RURAL BRIDGE REPLACEMENT INITIATIVE PHASE I; 7 STATE PROJECT NUMBERS (22 BRIDGE SITES) IN DISTRICTS 04, 05, 08 AND 58 (4400017598): Surveyor-in-Charge for topographic surveying and right-of-way mapping services that included title take-offs, field investigations to survey property boundary evidence, boundary analysis, existing right of way location determination and right of way mapping. The condensed timeline of the projects required that multiple crews be mobilized weekly to stay on schedule.</p> | | |
| 06/21-Ongoing | <p>H.014219, H.014222, H.014228, H.014231 AND H.014236 – RURAL BRIDGE REPLACEMENT INITIATIVE PHASE II; 5 STATE PROJECT NUMBERS (20 BRIDGE SITES) IN DISTRICTS 04 AND 05 (4400019336): Surveyor-in-Charge for topographic surveying and right-of-way mapping services that included title take-offs, field investigations to survey property boundary evidence, boundary analysis, existing right of way location determination and right of way mapping. The condensed timeline of the projects required that multiple crews be mobilized weekly to stay on schedule.</p> | | |


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| FIRM EMPLOYED BY NTB Associates, Inc. | | | |
| NAME | Bryan T. Bunch, PLS | | YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER |
| TITLE | Executive Vice President | | YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S) |
| DEGREE(S) / YEARS / SPECIALIZATION | | B.S. / 1988 / Survey and Land Information Systems | |
| ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE | | 5014 / Louisiana / 03-31-2026 | |
| YEAR REGISTERED | 2009 | DISCIPLINE | Professional Surveyor |
| CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES | | Role on this Project: Property Surveys & ROW Maps | |
| 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). | | |
| 20 years of experience | <i>Mr. Bryan Bunch, PLS will serve as NTBA Project Manager for topographic surveying services during this contract. Bryan will manage survey crews, processing, drafting, and submittals. Bryan satisfies MPR No. 4 per the advertisement.</i> | | |
| 12/17 – 09/24 | LADOTD I-10: LA 415 to Essen Lane on I-10 and I-12, West & East Baton Rouge Parishes, LA (44-12323, 44-17713, 44-14660 - Multiple TOs) Survey Project Manager directed field crews, file processing, drafting, and submittals for topographic surveys, QL B, C, and D subsurface utility designating, and surveys in support of QL B, C, and D subsurface utility designating for approximately 13 miles of roadway. NTBA is currently performing topographic surveys near the I-10 and I-110 interchange for three additional areas. | | |
| 01/23 – 09/24 | LADOTD JIMMIE DAVIS BRIDGE (LA 511) DESIGN-BUILD: Bossier & Caddo Parishes, LA (H.001779) Survey Project Manager directing field crews, file processing, drafting, and submittals for Static GPS Control surveys, topographic surveys, property surveys, title take-offs, description preparations, preliminary and final right-of-way mapping, QL A, B, C, & D utility designating/locating, and utility coordination services for the design-build project to replace the Jimmy Davis Bridge across the Red River. | | |
| 09/20 – 09/24 | LADOTD RURAL BRIDGE REPLACEMENT INITIATIVE PHASE II, DISTRICTS 05, 08, & 58 (4400019337): Survey Project Manager directing field crews, file processing, drafting, and submittals for Static GPS Control surveys, topographic surveys, property surveys, title take-offs, description preparations, preliminary and final right-of-way mapping, and QL C & D subsurface utility services for 34 bridge and culvert replacements as a sub-consultant to BKI. | | |
| 09/20 – 09/24 | LADOTD RURAL BRIDGE REPLACEMENT INITIATIVE PHASE II, DISTRICTS 02, 03, 07, 61, & 62 (4400019338): Survey Project Manager directing field crews, file processing, drafting, and submittals for Static GPS Control surveys, topographic surveys, property surveys, title take-offs, description preparations, preliminary and final right-of-way mapping, and QL C & D subsurface utility services for 21 bridge and culvert replacements as a sub-consultant to Waggoner. | | |
| 07/23 – 09/24 | LADOTD IJA OFF-SYSTEM BRIDGE PROGRAM, DISTRICT 62 (4400025041): Quality Control Surveyor assisting in staffing, coordination, and QA/QC for Static GPS control surveys, topographic surveys, property surveys, title take-offs, legal description preparation, and preliminary and final right-of-way mapping in support of bridge replacements. | | |
| 08/22 – 09/24 | CENTERPOINT SURVEYING SERVICES, VARIOUS PARISHES, LA (VARIOUS AGENCY PROJ. NOS.): Quality Control Surveyor assisting in staffing, coordination, and QA/QC for topographic surveys, property surveys, title takeoffs, boundary and right-of-way calculations, CADD drawings, and plats for maintenance and construction projects. | | |
| 04/22 – 04/23 | LADOTD MONKHOUSE TO I-49, CADDO PARISH, LA (4400017713): Survey Project Manager directing field crews, file processing, drafting, and submittals for Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL C & D subsurface utility services, drainage map preparation, and Mobile Laser Scanning for interstate rehabilitation. | | |
| 03/21 – 03/22 | CITY-PARISH WARD CREEK AT SIEGEN LANE, EAST BATON ROUGE PARISH, LA (22-DR-US-0013): Survey Project Manager managed field crews and technicians for control, topographic, and property surveys along with QL B, C, and D subsurface utility designating services for approximately 1,500 feet of Ward Creek. | | |

| FIRM EMPLOYED BY NTB Associates, Inc. | |
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| NAME | Bryan T. Bunch, PLS <i>Continued Resume</i> |
| 04/15 – 09/15 | LADOTD LA 3094: Hearne Ave. Bridge Rehab, Route LA 3094, Caddo Parish, LA (4400001798 & H.011094.5) Quality Control Surveyor assisted in staffing, coordination, and QA/QC for topographic surveying services, HDS 3D Terrestrial Laser Scanning, drainage map preparation, and QL B subsurface utility designating for bridge rehabilitation. |
| 02/14 – 03/15 | LADOTD EARHART EXPRESSWAY EXTENSION TO US 61, ROUTE LA 3139, JEFFERSON PARISH, LA (H.004367.5): Project Manager directed survey crews, file processing, drafting, and submittals for topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection for an overpass connection, relocation of existing lanes, and construction of additional lanes as a sub-consultant to AECOM. |
| 07/12 – 01/14 | LADOTD I-10 LOYOLA AVE. TO WILLIAMS BLVD., JEFFERSON PARISH, LA (H.003074.5 & H.009087.5): Project Manager directed survey crews, file processing, drafting, and submittals for topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection for interstate rehabilitation as a sub-consultant to GEC, Inc. |
| 07/12 – 06/13 | LADOTD I-10 WILLIAMS BLVD. TO VETERANS BLVD., JEFFERSON PARISH, LA (H.003074.5 & H.009087.5): Project Manager directed survey crews, file processing, drafting, and submittals for topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection for interstate rehabilitation as a sub-consultant to GEC, Inc. |
| 07/10 – 10/12 | LADOTD LA 42 WIDENING AND IMPROVEMENTS DISTRICT 61, ASCENSION PARISH, LA (700-03-0125 & 701-65-1538): Project Surveyor directed topographic and property surveys and title work to locate all existing structures within 50 feet of proposed right-of-way. Bryan also managed the preparation of right-of-way acquisition maps for 165 parcels. |
| 01/12 – 04/12 | LADOTD I-12 WALKER TO SATSUMA, LIVINGSTON PARISH, LA (4400001798 & H.009836.5): Project Surveyor assisted in the supervision of survey crews, file processing, drafting, and submittals for topographic surveying services for interstate rehabilitation. |
| 05/11 – 11/11 | LADOTD GOOSE BAYOU BRIDGE REPLACEMENT, ROUTE LA 45, JEFFERSON PARISH, LA (4400000681 & H.002230): Project Surveyor directed property surveys, title research, and the preparation of base and final right-of-way mapping. |
| 03/10 – 10/11 | US 61 HEMLOCK DRIVE INTERSECTION – ST. JOHN THE BAPTIST PARISH, LA (AGENCY PROJ. NO. 76716-00): Project Surveyor directed topographic and property surveys and the preparation of right-of-way maps for use as basis for engineering design for a new 4-lane divided state highway as a sub-consultant to Buchart Horn. |
| 02/11 – 08/11 | LADOTD I-20 REHABILITATION WESTERFIELD AVENUE TO INDUSTRIAL DRIVE, DISTRICT 04, BOSSIER PARISH, LA (H.003860.5 & 700-99-0525): Project Surveyor assisted in the supervision of south LA survey crews, file processing, drafting, and submittals for topographic surveying services for interstate rehabilitation. |
| 11/09 – 07/11 | O'NEAL LANE, JCT. 1-12 TO US 190, EAST BATON ROUGE PARISH, LA (817-41-0008 & 744-17-0038): Surveyor-in-Charge of setting 67 right-of-way monuments and producing monumentation maps for filing as a sub consultant to James Construction Group. |
| 01/20 – 03/21 | UPRR BIG SANDY SIDING SURVEY, UPSHUR AND WOOD COUNTIES, TX (29543/90502): Assistant Project Manager assisted in the management of field crews and technicians for property surveying services for 15 parcels along railroad consisting of approximately 3.24 miles of track to establish the existing railroad right-of-way. 8 ALTA Surveys were prepared along with the privately owned parcels for acquisition, 0.25 acre acquisition parcel in the right-of-way, and an overall right-of-way strip map. |
| 05/15 – 12/20 | CITY OF BOSSIER, WALTER O. BIGBY CARRIAGEWAY (N. PKWY EXT.) BOSSIER PARISH, LA (CITY PROJ. NO. 8-15): Quality Control Surveyor supervised south LA field crews and technicians for Static GPS Control surveys, topographic, property, and hydrographic surveying services, and QL A, B, C, and D subsurface utility designation/locating. |


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| FIRM EMPLOYED BY NTB Associates, Inc. | | | |
| NAME | Patrick C. Staiano, PLS | | YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER |
| TITLE | Staff Surveyor | | YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S) |
| DEGREE(S) / YEARS / SPECIALIZATION | | B.S. / 2008 / Construction Management | |
| ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE | | 5130 / Louisiana / 09-30-2025 | |
| YEAR REGISTERED | 2015 | DISCIPLINE | Professional Surveyor |
| CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES | | Role on this Project: Property Surveys & ROW Maps | |
| 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). | | |
| 14 years of experience | Mr. Patrick Staiano, PLS will serve as NTBA Project Manager for property surveying services, right-of-way mapping, and title take-offs during this contract. He will manage field crews, data processing, drafting, review and certification of maps and surveys, and submittals. | | |
| 01/23 – 09/24 | LADOTD JIMMIE DAVIS BRIDGE (LA 511) DESIGN-BUILD: Bossier & Caddo Parishes, LA (H.001779) Assistant Project Manager assisting in the management of field crews and technicians for Static GPS control surveys, topographic surveys, property surveys, title take-offs, legal description preparation, and preliminary and final right-of-way mapping for the design-build project to replace the Jimmy Davis Bridge across the Red River as a sub-consultant to James Construction. | | |
| 07/23 – 09/24 | LADOTD IJIA OFF-SYSTEM BRIDGE PROGRAM, DISTRICT 62 (4400025041): Project Manager managing field crews and technicians for Static GPS control surveys, topographic surveys, property surveys, title take-offs, legal description preparation, and preliminary and final right-of-way mapping in support of bridge replacements. | | |
| 09/22 – 09/24 | LADOTD RURAL BRIDGE REPLACEMENT INITIATIVE PHASE II, DISTRICTS 05, 08, & 58 (4400019337): Assistant Project Manager assisting in the management of field crews and technicians for Static GPS control surveys, topographic surveys, property surveys, title take-offs, legal description preparations, and preliminary and final right-of-way mapping for 34 bridge and culvert replacements including surveying all sub-surface drainage structures as a sub-consultant to BKI. | | |
| 09/22 – 09/24 | LADOTD RURAL BRIDGE REPLACEMENT INITIATIVE PHASE II, DISTRICTS 02, 03, 07, 61, & 62 (4400019338): Assistant Project Manager assisting in the management of field crews and technicians for Static GPS control surveys, topographic surveys, property surveys, title take-offs, legal description preparations, and preliminary and final right-of-way mapping for 21 bridge and culvert replacements including surveying all sub-surface drainage structures as a sub-consultant to Waggoner. | | |
| 06/17 – 10/17 | LADOTD LA 22: Near I-10 Geometric Improvements, Ascension Parish, LA (H.011314) Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed property surveys, prepared title work info, and right-of-way maps for a +/-0.75 mile project. | | |
| 05/17 – 09/17 | LADOTD LA 59: Roundabout @ Lonesome Rd., Tangipahoa Parish, LA (H.011030) Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed property surveys, prepared title work info, and right-of-way maps for a +/-0.5 mile project. | | |
| 03/16 – 08/17 | LADOTD LA 59: Curve Realign and Tunnel at Trace, St. Tammany Parish, LA (H.010184) Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed property surveys, prepared title work info, and right-of-way maps for a +/-0.75 mile project. | | |
| 03/17 – 07/17 | LADOTD LA 1042: Bridges Near Greensburg, St. Helena Parish, LA (H.008312) Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed property surveys, prepared title work info, and right-of-way maps for a +/- 2 mile project. | | |
| 03/16 – 02/17 | LADOTD LA 22 ROUNDABOUT @ DUNSON RD.: Tangipahoa Parish, LA (Proj. No. Unknown) Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed property surveys, prepared title work info, and right-of-way maps for a +/-0.25 mile project. | | |
| 03/16 – 01/17 | LADOTD LA 1024 NEAR FRIENDSHIP: Livingston Parish, LA (Proj. No. Unknown) Under the supervision of Robert H. Brooks, III, PLS and Max O. Usrey, III, PLS, Patrick performed property surveys, prepared title work info, and right-of-way maps for a +/-0.5 mile project. | | |


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| FIRM EMPLOYED BY NTB Associates, Inc. | | | |
| NAME | Mike J. King | | YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER |
| TITLE | Vice President | | YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S) |
| DEGREE(S) / YEARS / SPECIALIZATION | | B.S. / 2012 / Construction Management | |
| ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE | | 5127 / Louisiana / 09-30-2025 | |
| YEAR REGISTERED | 2015 | DISCIPLINE | Professional Surveyor |
| CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES | | Role on this Project: Property Surveys & ROW Maps | |
| 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). | | |
| 20 years of experience | <i>Mr. Mike King, PLS will serve as NTBA Assistant Project Manager for topographic surveying services during this contract. He will assist in the management of staff and ensure quality standards and specifications are met.</i> | | |
| 12/17 – 09/24 | LADOTD I-10: LA 415 to Essen Lane on I-10 and I-12, West & East Baton Rouge Parishes, LA (44-12323, 44-17713, 44-14660 - Multiple TOs) Assistant Project Manager assisting in the management of field crews and technicians for topographic surveys, QL B, C, and D subsurface utility designating, and surveys in support of QL B, C, and D subsurface utility designating for approximately 13 miles of roadway. NTBA is currently performing topographic surveys near the I-10 and I-110 interchange for three additional areas. | | |
| 01/23 – 09/24 | LADOTD JIMMIE DAVIS BRIDGE (LA 511) DESIGN-BUILD: Bossier & Caddo Parishes, LA (H.001779) Assistant Project Manager assisting in the management of field crews and technicians for Static GPS Control surveys, topographic surveys, property surveys, title take-offs, description preparations, preliminary and final right-of-way mapping, QL A, B, C, & D utility designating/locating, and utility coordination services for the design-build project to replace the Jimmy Davis Bridge across the Red River. | | |
| 08/21 – 09/24 | LADOTD RURAL BRIDGE REPLACEMENT INITIATIVE PHASE II, DISTRICTS 05, 08, & 58 (4400019337): Assistant Project Manager assisting in the management of field crews and technicians for Static GPS Control surveys, topographic surveys, property surveys, title take-offs, description preparations, preliminary and final right-of-way mapping, and QL C & D subsurface utility services for 34 bridge and culvert replacements as a sub-consultant to BKL. | | |
| 04/21 – 09/24 | LADOTD RURAL BRIDGE REPLACEMENT INITIATIVE PHASE II, DISTRICTS 02, 03, 07, 61, & 62 (4400019338): Assistant Project Manager assisting in the management of field crews and technicians for Static GPS Control surveys, topographic surveys, property surveys, title take-offs, description preparations, preliminary and final right-of-way mapping, and QL C & D subsurface utility services for 21 bridge and culvert replacements as a sub-consultant to Waggoner. | | |
| 04/22 – 04/23 | LADOTD MONKHOUSE TO I-49, CADDO PARISH, LA (4400017713): Assistant Project Manager assisting in the management of field crews and technicians for Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL C & D subsurface utility services, drainage map preparation, and Mobile Laser Scanning for interstate rehabilitation. | | |
| 04/15 – 02/16 | LADOTD I-20 (AIRLINE DRIVE TO I-220) BOSSIER PARISH, LA (4400005532 & H.011319.5): Quality Control Surveyor reviewed data and drafting for topographic surveying services for interstate rehabilitation. | | |
| 10/15 – 12/15 | LADOTD CADDO LAKE BRIDGE, ROUTE LA 1 CADDO PARISH, LA (H.01166.5): Quality Control Surveyor reviewed data and drafting for topographic surveys performed along a portion of the existing route of LA Hwy. 1 for a proposed bridge replacement at the intersection of Caddo Lake and LA Hwy. 1 in Caddo Parish east of Mooringsport. | | |
| 07/12 – 01/14 | LADOTD I-10 LOYOLA AVE. TO WILLIAMS BLVD., JEFFERSON PARISH, LA (H.003074.5 & H.009087.5): Sr. Survey Party Chief/Tech. managed a survey crew and processed data for topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection for interstate rehabilitation as a sub-consultant to GEC, Inc. | | |
| 07/10 – 10/12 | LADOTD LA 42 WIDENING AND IMPROVEMENTS, DISTRICT 61, ASCENSION PARISH, LA (700-03-0125 & 701-65-1538): Survey Party Chief/ Technician ran a field crew and processed data for topographic and property surveys in support of base and final right-of-way mapping, and title work. | | |


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| FIRM EMPLOYED BY NTB Associates, Inc. | | | |
| NAME | Iniko Jack | | YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER |
| TITLE | Party Chief | | YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S) |
| DEGREE(S) / YEARS / SPECIALIZATION | | High School Diploma, 1994 | |
| ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE | | #P3642 (Staking University) | |
| YEAR REGISTERED | 2018 | DISCIPLINE | Certificate of Locating Competency/ Staking University |
| CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES | | Role on this Project: Property Surveys & ROW Maps | |
| 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). | | |
| 27 years of experience | <i>Mr. Iniko Jack will serve as NTBA Technician during this contract. He will process data, perform calculations, and draft files for topographic surveys, property surveys, and right-of-way maps. Iniko has been trained in Bentley InRoads, AutoCAD, and MicroStation Software to produce maps.</i> | | |
| 12/17 – 09/24 | LADOTD I-10: LA 415 to Essen Lane on I-10 and I-12, West & East Baton Rouge Parishes, LA (44-12323, 44-17713, 44-14660 - Multiple TOs) Technician supervising field staff, processing data, performing calculations, and drafting files for topographic surveys, QL B, C, and D subsurface utility designating, and surveys in support of QL B, C, and D subsurface utility designating for approximately 13 miles of roadway. NTBA is currently performing topographic surveys near the I-10 and I-110 interchange for three additional areas. | | |
| 01/23 – 09/24 | LADOTD JIMMIE DAVIS BRIDGE (LA 511) DESIGN-BUILD, BOSSIER & CADDO PARISHES, LA (H.001779): Technician supervising field staff, processing data, performing calculations, and drafting files for Static GPS Control surveys, topographic surveys, property surveys, title take-offs, legal descriptions, and preliminary and final right-of-way mapping, QL A, B, C, & D utility designating/locating, and utility coordination services for the design-build project to replace the Jimmy Davis Bridge across the Red River. | | |
| 08/23 – 09/24 | LADOTD IJA OFF-SYSTEM BRIDGE PROGRAM, DISTRICT 62 (4400025041): Technician supervising field staff, processing data, performing calculations, and drafting files for Static GPS control surveys, topographic surveys, property surveys, title take-offs, legal descriptions, and preliminary and final right-of-way mapping in support of bridge replacements. | | |
| 08/21 – 09/24 | LADOTD RURAL BRIDGE REPLACEMENT INITIATIVE PHASE II, DISTRICTS 05, 08, & 58 (4400019337): Field Operations Manager/ Technician supervising field staff, processing data, performing calculations, and drafting files for Static GPS Control surveys, topographic surveys, property surveys, title take-offs, legal descriptions, and preliminary and final right-of-way mapping, and QL C & D subsurface utility services for 34 bridge and culvert replacements as a sub to BKL. | | |
| 04/21 – 09/24 | LADOTD RURAL BRIDGE REPLACEMENT INITIATIVE PHASE II, DISTRICTS 02, 03, 07, 61, & 62 (4400019338): Field Operations Manager/ Technician supervising field staff, processing data, performing calculations, and drafting files for Static GPS Control surveys, topographic surveys, property surveys, title take-offs, legal descriptions, and preliminary and final right-of-way mapping, and QL C & D subsurface utility services for 21 bridge and culvert replacements as a sub to Waggoner. | | |
| 04/22 – 04/23 | LADOTD MONKHOUSE TO I-49, CADDO PARISH, LA (4400017713): Field Operations Manager/Technician supervised field staff, processed data, performed calculations, and drafted files for topographic surveys and surveys in support of QL C & D subsurface utility services and drainage map preparation for interstate rehabilitation. | | |
| 04/15 – 09/15 | LADOTD LA 3094: Hearne Ave. Bridge Rehab, Route LA 3094, Caddo Parish, LA (4400001798 & H.011094.5) Field Operations Manager supervised field staff and downloaded/ processed data for topographic surveying services, HDS 3D Terrestrial Laser Scanning, drainage map preparation, and QL B subsurface utility designating for bridge rehabilitation. | | |

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| FIRM EMPLOYED BY G.E.C., Inc. | | | | |
| NAME | Varaprasad Venkata, PE | | YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER | 17 |
| TITLE | Senior Civil / Structural 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 SECTION 17 PROJECT | <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. | |
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| NAME | Varaprasad Venkata, PE <i>Continued Resume</i> |
| 11/18-07/20 | I-10 SERVICE ROAD BRIDGE REPLACEMENTS: Slidell, LA. Structural Engineer - 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. |
| 04/19-12/21 | CHEVELLE DRIVE 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 (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. Structural Design - 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. Structural Engineer - 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. Structural Engineer - 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. Structural Engineer - 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. Structural Engineer - 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. |
| 2019-2024 | 4400011354 / LADOTD, ELECTRICAL RETAINER: Statewide, LA. Structural Engineer - Mr. Venkata performed structural design as needed, which consisted of design of light poles (steel and aluminum) supports, structural components, ground-mounted light pole foundations (low and high, including anchor bolts, base plates, concrete components, and drilled shafts), and structure-mounted light pole attachments (barrier mounted, concrete blisters, steel brackets, and concrete anchors) in accordance with AASHTO standard specifications. |

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| FIRM EMPLOYED BY G.E.C., Inc. | | | |
| NAME | Rachel Breaux, 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. / 2016 / Civil Engineering | |
| ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE | | 46988 / Louisiana / 03-31-2025 | |
| YEAR REGISTERED | 2022 | DISCIPLINE | Civil 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>Mrs. Breaux graduated from the University of Louisiana at Lafayette with a Bachelor of Science in Civil Engineering and a minor in Mathematics in 2016. She joined GEC's Engineering group as an Engineer Intern and received her Professional Engineer license for the state of Louisiana in 2022. Mrs. Breaux's expertise includes bridge design, low and high mast light pole supports, and highway sign supports. Her bridge design experience includes but is not limited to the design of pile, column, transition, and end bent caps, LG girders, and concrete decks. She is proficient in Microsoft Office, Microstation, STAAD.Pro, and MathCAD.</i></p> | | |
| 12/19-Present | <p>H.003074 / I-10 WILLIAMS BLVD TO VETERANS BLVD: Jefferson Parish, LA. Engineer - This project involved the widening of I-10 between Williams Boulevard and Veterans Boulevard interchanges in Jefferson Parish. This project consists of construction one 12' additional lane with a 10' shoulder inside along the I-10 eastbound and westbound roadways with median barrier. In addition, concrete sound walls shall be constructed along the I-10 westbound and the North side of I-10. As part of this project, the bridges over Canal No. 3 and Veterans Boulevard will also be widened. Sound barriers will be included on the north side of the I-10 westbound bridges. This project also included bridge load rating in accordance with Bridge Design Technical Memorandum 40.1 for the Mainline I-10 Veterans Blvd. Bridges and the Eastbound Veterans Exit Ramp to determine the suitability of the bridges for widening as required. Mrs. Breaux was responsible for designing bent caps, as well as calculating all elevations, quantities, and cost for this project. She also performed load ratings on the eastbound and ramp bents, designed the superelevation transition on the ramp, and designed drilled shafts for low and high mast light poles.</p> | | |
| 08/19 | <p>I-10 SERVICE ROAD BRIDGE REPLACEMENT: St. Tammany Parish, LA. Engineer Intern - This project included the replacement of a 5-span 100 feet long concrete slab span bridge over Reine Canal and 5-span 100 feet long slab span bridge with 30-degree skew over French Branch Canal. Mrs. Breaux designed the slab spans and bent caps, and calculated quantities for this project.</p> | | |
| 11/21-Present | <p>BLUEBONNET BLVD. (PERKINS RD TO PICARDY AVE): East Baton Rouge Parish, LA. Engineer- GEC is designing the widening of Bluebonnet Blvd. to include an additional lane in each direction between Perkins Road and Picardy Avenue. Mrs. Breaux designed the concrete deck, girders, and bent caps, as well as calculated quantities, cost, and elevations for this project.</p> | | |
| 11/21-Present | <p>H.004100 / I-10, LA 415 TO ESSEN LANE ON I-10 AND I-12: East Baton Rouge Parish, LA. Engineer - The purpose of this project is to widen I-10 between W. Washington St. to Acadian Thruway. Mrs. Breaux designed the girders, bearing pads, and bent caps for Ramp 3 Westbound, and calculated all elevations and quantities for this segment of the project. She also designed a sign truss spanning 90 feet over I-10 near Napoleon Street.</p> | | |
| 10/20-Present | <p>H.013897 / I-10 & I-12 COLLEGE DRIVE FLYOVER RAMP DESIGN BUILD: East Baton Rouge Parish, LA. Engineer - This design-build project begins on I-10 West south of the I-10/I-12 interchange and extends west to the I-10 West/College Drive interchange. Mrs. Breaux designed all bent caps, light poles, drilled shafts, anchor bolts, and bearing pads. She also computed all quantities and elevations for this project.</p> | | |
| 02/20-09/20 | <p>CHEVELLE AND SARASOTA DR BRIDGE REPLACEMENTS: Baton Rouge, LA. Engineer Intern - This project included 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. Mrs. Breaux reviewed bent cap designs and foundation plans, and calculated quantities and elevations for this project.</p> | | |

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| FIRM EMPLOYED BY G.E.C., Inc. | | | | |
| NAME | Hector Zuniga Lopez, EI | | YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER | 5 |
| TITLE | Engineer Intern | | YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S) | 2 |
| DEGREE(S) / YEARS / SPECIALIZATION | | B.S. / 2014 / Civil Engineering | | |
| ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE | | 33875 / Louisiana / 03-31-2025 | | |
| YEAR REGISTERED | 2018 | DISCIPLINE | Engineer Intern | |
| CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES | | Role on this Project: Engineer Intern | | |
| 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. Zuniga joined GEC's Engineering group as an Engineer Intern after working for DOTD as a Bridge Load Rating Engineer. His experience focuses on bridge engineering. He has six years of load rating as-design, and existing bridges in accordance with AASHTO LRFD, MBE, and LADOTD BDEM. His expertise includes bridge rating, quantities development, review of bridge design plans and shop drawings, and structural design.</p> | | | |
| 09/20-Present | <p>H.004100 / I-10 LA 415 TO ESSEN LANE ON I-10 AND I-12 (CMAR): West and East Baton Rouge Parish, LA. Structural Engineer - Mr. Zuniga calculated the required reinforcing steel and developed quantities for the retaining walls along I-10 based on AASHTO LRFD for the EWP3 submittal. He also designed two light pole's drilled shaft to determine the required reinforcing steel. The design is in accordance with LRFD Specifications for Highway Signs, Luminaires, and Traffic Signals. Mr. Zuniga completed the analysis and design using the Finite Element Method.</p> | | | |
| 07/21-Present SECTION 17 PROJECT | <p>BLUEBONNET BLVD. (PERKINS TO PICARDY): Baton Rouge, LA. Structural Engineer - GEC is designing the widening of Bluebonnet Blvd. to include an additional lane in each direction. Mr. Zuniga performed quantities for spans one thru three for phases II and III. In addition, he reviewed quantities for spans one thru three for Phase I.</p> | | | |
| 04/21-Present | <p>H.004273.5 / I-49 CONNECTOR: Lafayette, LA. Structural Engineer - This project includes bridge design and 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. Zuniga designed the end bent on the northbound ramp bridge to determined the piles reactions.</p> | | | |
| 06/21-Present | <p>H.013897 / I-10 & I-12 COLLEGE DRIVE FLYOVER RAMP DESIGN-BUILD: Baton Rouge, LA. Structural Engineer - This Design-Build urban freeway transportation project consist of a new bridge ramp over I-10 towards College Dr., and an existing bridge being widen over Ward Creek. GEC is responsible for engineering and design quality control services as necessary to complete the design and construction of the I-10 & I-12 College Dr. Flyover Ramp Design-Build project which consists generally of high and bridge design and engineering services. Mr. Zuniga performed the as-designed load rating for the superstructure and substructure of the bridge ramp. The most critical spans and bent caps were considered for the analysis. The analysis was performed using AASHTO Bridge Rating and LEAP, and in accordance to AASHTO LRFD, MBE and LADOTD BDEM manuals. In addition, he performed an in-depth reviewed of the bridge ramp shop drawings, and bridge design plans. For the existing bridge, Mr. Zuniga performed the as-designed load rating analysis for the superstructure and substructure for the widening portion of the bridge. Additionally, he reviewed the designed calculations for two types of retaining walls. He also developed the quantities for each retaining wall.</p> | | | |
| 11/21-12/20 | <p>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. Mr. Zuniga performed the as-designed load rating analysis for the substructure of these bridges. The analysis was performed using LEAP to determine the design load rating factors.</p> | | | |


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| FIRM EMPLOYED BY G.E.C., Inc. | | | |
| NAME | Jeff Robinson, 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. / 1995 / Civil Engineering | |
| ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE | | 29322 / Louisiana / 03-31-2025 | |
| YEAR REGISTERED | 2001 | DISCIPLINE | Civil Engineer |
| CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES | | Role on this Project: 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><i>Mr. Robinson has more than 25 years of civil/environmental engineering project management experience and provides planning, coordination and consulting services for federal and state regulatory compliance issues for numerous governmental and private sector clients. Mr. Robinson is widely respected for his thorough and highly objective approach to environmental, hydrologic, transportation and geotechnical issues as they relate to permitting, design, federal and state compliance, wetlands, hazardous materials, and other critical issues surrounding major infrastructure projects. Few engineers can match the breadth and depth of his experience. He is well-versed in SWPPP in accordance with DOTD standards, NEPA documentation, HTRW investigations, environmental baseline studies, wetland mitigation bank planning and permitting, ASTM E 1527 Phase I ESA, storm water planning/design, noise analyses, and asbestos inspections. Mr. Robinson successfully completed the NHI Course No. 142005, “National Environmental Policy Act (NEPA) and Transportation Decision Making”.</i></p> | | |
| 02/20-Present | <p>H.013897 / I-10 & I-12 COLLEGE DR. FLYOVER RAMP DESIGN-BUILD PROJECT: East Baton Rouge Parish, LA. Environmental Lead - Mr. Robinson is Environmental Lead 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, including preparation of the project’s Storm Water Pollution Prevention Plan (SWPPP). Mr. Robinson prepared the 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 (Permit LAR600000).</p> | | |
| 07/15-Present | <p>H.004273.5 / LADOTD, I-49 CONNECTOR: Lafayette, LA. Environmental Engineer - Mr. Robinson manages a process including environmental, legal, real estate, design, and planning representatives that develops effective screening, evaluation, design, and construction approaches for contaminated sites located within rights-of-way required for the I-49 Connector in Lafayette. He works closely with the Louisiana Department of Environmental Quality to expedite regulatory tasks and decision-making regarding contaminated sites and manages retainer contracts for Phase II and Phase III Environmental Site Assessment (ESA) services. He ensures contaminated sites are not purchased unknowingly; discounts purchase prices for contaminated sites; encourages current owners to begin/complete remediation prior to DOTD acquisition; develops performance measures and construction methods for sites having use limitations/restrictions; and ensures legal protections are properly addressed and included in purchase documents.</p> | | |
| 01/14-05/17 | <p>H.004987 / US 190 / COLLINS BOULEVARD WIDENING (LA 25 TO US 190B): Covington, Louisiana. Environmental Project Manager - Mr. Robinson’s responsibilities included project management for the preparation of an Environmental Assessment (EA) with Finding of No Significant Impact (FONSI) for the widening of approximately three miles of U.S. Hwy 190 in Covington in accordance with DOTD, FWHA, and NEPA requirements, a project which will include the construction of new bridges across the Bogue Falaya River. GEC’s services included the development of a Purpose and Need statement, agency coordination / Solicitation of Views, and the preparation of environmental documentation. Among other items, the EA addressed wetlands mitigation and permitting, Sections 4(f) and 6(f) consultations, floodplains, and threatened and endangered species consultations. Mr. Robinson was responsible for this NORPC-led effort to improve traffic flow efficiency through the primary north-south roadway corridor in Covington, LA.</p> | | |
| 2002-2009 | <p>700-99-0266 / LOUISIANA TIMED MANAGERS (LTM): Statewide, LA. Environmental Program Manager - Mr. Robinson was responsible for all environmental planning, permitting and design pursuant to the construction of 35 project segments comprising more than 260 miles of new highway construction addressed in DOTD’s Transportation Infrastructure Model for Economic Development (TIMED) Program. The program required NEPA evaluations and processing necessary to procure federal and other environmental permits required for construction and included the preparation of Storm Water Pollution Prevention Plans (SWPPP) and permitting for all highway construction segments in accordance with General Permit for Discharges of Storm Water From Construction Activities – Five Acres or More (LAR100000).</p> | | |


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| 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 Project Manager | |
| EXPERIENCE DATES (MM/YY–MM/YY) | EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., “DESIGNED DRAINAGE”, “DESIGNED GIRDERS”, “DESIGNED INTERSECTION”, ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S). | | |
| 18 years of experience | <p><i>Ms. Bourgeois has more than 14 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> | | |
| 10/09-Ongoing | <p>SP NO. H.004646.5 / I-20 MISSISSIPPI RIVER BRIDGE REVIEW: Vicksburg, MS. Project Manager. She managed this multi-million-dollar, high risk, high technical needs, high visibility project. She managed a highly technical team including academia, outside experts, including internationally recognized geotechnical engineers, geohydrologist, instrumentation specialists, and 3-D geotechnical modeling experts. She managed and personally oversaw a comprehensive laboratory testing program and was involved in refining the geotechnical site characterization for the bank/bluff where there was evidence of shifting creating movement in the bridge structure. The specialized testing, she personally performed or managed included x-ray diffraction for the determination of mineralogy, x-ray scanning of unextruded samples to identify existing shearing plane, stress-reversal direct shear tests to determine true residual angles of critical strata. She was instrumental in designing the geotechnical instrumentation for this project including vibrating wire piezometers, Casagrande type piezometers, In-place inclinometers, SAA inclinometers, and traditional inclinometers. In addition, Ms. Bourgeois performed seepage and drawdown analyses, slope stability analyses, evaluation of remedial measures, and developed technically feasible solutions. Co-authored the geotechnical analysis and design report.</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> | | |

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| 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 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). | | |
| 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> | | |
| 10/18-06/21 | <p>SPNO. H.000263.5-1/CHEFMENTEURPASSBRIDGE&APPROACH: Orleans Parish, LA. Project Engineer. In conjunction with Ms. Bourgeois, Mr. Jewell oversaw the geotechnical investigation consisting of deep borings and field resistivity testing. Reviewed laboratory tests, final soil and CPT logs, and the data report.</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> | | |

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| FIRM EMPLOYED BY Ardaman & Associates, Inc. | | | |
| NAME | Robert Rousset, PE | | YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER |
| TITLE | Project Engineer / Vice President, Regional Manager | | YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S) |
| DEGREE(S) / YEARS / SPECIALIZATION | | B.S. / 2008 / Civil Engineering | |
| ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE | | 38637 / Louisiana / 09-30-2026 | |
| YEAR REGISTERED | 2014 | DISCIPLINE | Civil Engineer |
| CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES | | Role on this Project: Geotech 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). | | |
| 18 years of experience | <p><i>Mr. Rousset serves as the manager of Ardaman’s New Orleans office and as project manager for various geotechnical engineering projects as well as contract administrator of several major contracts. He has managed projects that have included pile and drilled shaft foundations, shallow foundations, static and dynamic pile testing, and slope stability. 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. Rousset also achieved Intermediate Level Certification for High Strain Dynamic Testing issued by the Pile Driving Contractors Association for Dynamic Measurement and Analysis Proficiency.</i></p> | | |
| 07/16-Ongoing | <p>SP NO. H.004113 / I-12 (US 190 TO LA 59): East Baton Rouge Parish, LA. Project Manager. Oversaw and coordinated the geotechnical investigation which included 23 deep soil borings and associated laboratory testing along an alignment that included 4 bridges.</p> | | |
| 07/14-05/18 | <p>SP NO. H.004113 / I-12 TO BUSH SEGMENT 3, LA HIGHWAY 3241 (LA 435 TO LA 40/LA 41): St. Tammany Parish, LA. Project Manager. Oversaw and coordinated the geotechnical investigation which included 26 soil borings, sampling, and laboratory testing along the alignment that included one bridge, LA 435 over Talisheek Creek. Oversaw geotechnical analyses and preparation of design recommendation report which included pile supported approach slabs and pile foundations for the bridge structures and shallow foundation design for the culverts.</p> | | |
| 05/12-03/13 | <p>SP NO. H.002260.5 / GOOSE BAYOU BRIDGE ROUTE LA 45: Lafitte, LA. Assistant Project Engineer. Managed geotechnical investigation for the bridge that included drilling and laboratory testing of 2 deep soil borings and 4 CPT soundings performed with barge-mounted drilling equipment under difficult access conditions. Assisted with providing final soil boring logs and CPT sounding logs in LADOTD format.</p> | | |
| 07/09-08/11 | <p>SP NO. 700-29-0112 / LA 1 – PHASE 1: Lafourche Parish, LA. Assistant Project Engineer. Served in the field as onsite engineer for Phase 1A of this project in southeast Louisiana. The completed project consisted of 17 miles of elevated roadway with low-level bridges and medium-level bridges, two elevated interchanges, and two fixed high-level bridges over navigable waterways. Conducted dynamic monitoring using PDA, performing CAPWAP analyses, reviewed drive logs, and supervised field technicians.</p> | | |
| 03/11-02/12 | <p>SP NO. H.003886.5 / I-49 SEGMENT J: Caddo Parish, LA. Assistant Project Engineer. Mr. Rousset planned the geotechnical investigation program, coordinated field activities, assigned lab testing, reviewed laboratory test results, classified soil types based on laboratory tests, and compiled soil boring logs in the LA DOTD format.</p> | | |
| 08/09-12/09 | <p>CENTRAL THRUWAY: East Baton Rouge Parish, LA. Assistant Project Engineer. Performed PDA testing on pre-stressed, pre-cast concrete piles for various bents.</p> | | |

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| FIRM EMPLOYED BY Ardaman & Associates, Inc. | | | |
| NAME | Jarmon King, PE | | YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER |
| TITLE | Assistant Project Engineer | | YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S) |
| DEGREE(S) / YEARS / SPECIALIZATION | | B.S. / 2019 / Civil Engineering | |
| ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE | | 49179 / Louisiana / 03-31-2025 | |
| YEAR REGISTERED | 2019 | DISCIPLINE | Civil Engineer |
| CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES | | Role on this Project: Geotech Assistant 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). | | |
| 6 years of experience | <p><i>Jarmon King serves as an assistant project engineer of Ardaman in the Baton Rouge office. Mr. King is involved with overseeing and conducting geotechnical investigations. Mr. King also prepares soil boring logs; processes and analyzes Cone Penetration Test (CPT) sounding, data, performs pile and settlement analyses; assists with writing geotechnical reports; and helps coordinate field and laboratory operations. Mr. King has experience in overseeing and performing Pile Driving Analyzer (PDA) testing during construction projects. Mr. King also serves as the Office Safety Coordinator and has experience assessing safety of employees on the job site in accordance with OSHA where he is responsible for carrying out company safety standards and making any changes to ensure a safe and productive environment.</i></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. (07/21-ONGOING) Assistant Project Engineer. Assists in 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> | | |
| 10/18-06/21 | <p>SP NO. H.000263 / CHEF MENTEUR PASS BRIDGE & APPROACH: Orleans Parish, LA. Assistant Project Engineer. Helped produced soil boring logs and CPT soundings in LADOTD format. Assisted with development of the data report.</p> | | |
| 10/18-12/18 | <p>SP NO. H.003370 / I-220 / I-20 INTERCHANGE IMPROVEMENT AND BARKSDALE AIR FORCE BASE ACCESS ROAD: Bossier Parish, LA. Assistant Project Engineer. Assisted the Project Manager in preparing the preliminary planning report for this Design Build project which provides direct access to Interstate I-20 from the Barksdale Air Force Base (BAFB) and construct an interchange and access road from Interstate 20 in Bossier City, Louisiana. Mr. King is currently performing PDA testing and CAPWAP analyses for the field construction.</p> | | |
| 06/20-11/22 | <p>SP. NO. H.002825 / NICHOLSON DRIVE (LA HWY 30) SEGMENT 1: East Baton Rouge Parish, LA. Assistant Project Engineer. This project consisted of the reconstruction and widening of a section of Nicholson Drive between the intersections of Brightside Lane and Burbank Drive for the MOVEBR Program. Thirteen shallow soil borings and two deep soil borings were drilled at the subject site and associated laboratory testing was performed. Engineering analyses included pavement and culvert crossing design recommendations in accordance with LADOTD specifications.</p> | | |

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| FIRM EMPLOYED BY G.E.C., Inc. | | | | |
| NAME | Roland Maurin Jr., PE | | YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER | 8 |
| TITLE | Construction 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: 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 installation of new pavement markers and guardrails, along with the mill and overlay of the roadway. | | | |
| 01/23-Present | 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. | | | |

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| FIRM EMPLOYED BY G.E.C., Inc. | | | | |
| NAME | Zachary Boylan, PE | | YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER | 5 |
| TITLE | Construction 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 | | 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. | | |
| 08/22-05/24 | | 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. | | |
| 11/22-04/24 | | 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. | | |
| 12/19-Present | | 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. | | |
| 01/23-12/23 | | 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. | | |

17. Firm Experience

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| FIRM NAME | | G.E.C., Inc. | | PAST PERFORMANCE EVALUATION DISCIPLINE(S)* | | Road | ** | |
| PROJECT NAME | | US 11 Improvements at Schneider Canal | | | | FIRM RESPONSIBILITY (PRIME OR SUB?) | | Prime |
| PROJECT NUMBER | | H.011435 | | OWNER'S NAME | | St. Tammany Parish Government, LADOTD | | |
| PROJECT LOCATION | | Slidell, Louisiana | | | OWNER'S PROJECT MANAGER | | Donna O'Dell | |
| OWNER'S ADDRESS, PHONE, EMAIL | | 21490 Koop Drive, Mandeville, LA 70471, (985) 898-2522, dsodell@stpgov.org | | | | | | |
| SERVICES COMMENCED BY THIS FIRM (MM/YY) | | | 03/15 | | TOTAL CONSULTANT CONTRACT COST (\$1,000'S) | | | \$ 4,900 |
| SERVICES COMPLETED BY THIS FIRM (MM/YY) | | | 08/16 | | COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S) | | | \$ 442 |

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) *If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The only past performance evaluation 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.

GEC designed improvements to US Hwy 11 at its intersection with the St. Tammany Parish flood protection levee near Lake Pontchartrain. The Parish funded design of the project and LADOTD funded construction. GEC accomplished all aspects of design with its own in-house personnel, excluding geotechnical services. **GEC produced all plans and specifications for the improvements to this state route in accordance with LADOTD standards.** GEC understood the importance of this project to St. Tammany Parish and, to ensure that the Parish did not lose Federal funding, GEC submitted final stamped plans to LADOTD for advertisement with the Parish's approval before receiving a signed contract from the Parish. This project was also the first project ever designed with LADOTD specifications that included a levee. Construction of the project was completed in 2018.

Originally a two-lane rural roadway with open ditches, GEC redesigned the state route as a divided four-lane road section with 10-ft. shoulders and raised median, incorporating full-width shoulders and curb and gutter drainage. The project also elevated US 11 approximately 10-ft. at the levee so that ongoing construction of the levee (in separate projects by the Parish) could continue without a break in flood protection at the highway. Approximately 2,300-ft. of the highway remained on-grade on embankment. The project was further complicated by the presence of Schneider Canal (approximately 90-100-ft. wide) which was directly adjacent and parallel to the levee. GEC redesigned the large triple-barrel box culvert cross drain under US 11 for Schneider Canal from its original 70-ft. length to 200-ft.

The addition of the 10-ft. shoulders provides accessibility and a dedicated area for pedestrians and bicyclists while the drainage improvements reduce the risk of road flooding and water hazards for motorists. GEC's design also incorporated protected turn and merge lanes along this non-signalized section, providing improved safety for motorists. Due to the absence of traffic signals, GEC engineers were required to perform extensive calculations to ensure optimal and safe function of traffic along the roadway. Other safety modifications of the project included signage and striping improvements and intersection safety modifications. A well-planned 3-phase sequencing plan enabled maintenance of traffic throughout construction. GEC staff also performed a level 2 Transportation Management Plan (TMP).



The addition of a bike path provides accessibility and safety for pedestrians while the drainage improvements reduce the risk of road flooding and water hazards for motorists.

FIRM MEMBERS INVOLVED: Jerome Lohmann, PE

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| FIRM NAME | | G.E.C., Inc. | | PAST PERFORMANCE EVALUATION DISCIPLINE(S)* | | Road, Traffic, Bridge | | ** | | |
| PROJECT NAME | | Bluebonnet Blvd. (Perkins Road to Picardy Avenue) | | | | | FIRM RESPONSIBILITY (PRIME OR SUB?) | | Prime | |
| PROJECT NUMBER | | City-Parish Project No. 19-CP-HC-0034 | | OWNER'S NAME | | City-Parish of East Baton Rouge | | | | |
| PROJECT LOCATION | | Baton Rouge, Louisiana | | | | OWNER'S PROJECT MANAGER | | Tom Stephens, PE | | |
| OWNER'S ADDRESS, PHONE, EMAIL | | PO Box 1471, Baton Rouge, LA 70821, (225) 389-3186, tstephens@brla.gov | | | | | | | | |
| SERVICES COMMENCED BY THIS FIRM (MM/YY) | | | 09/20 | TOTAL CONSULTANT CONTRACT COST (\$1,000'S) | | | | \$ 1,885 | | |
| SERVICES COMPLETED BY THIS FIRM (MM/YY) | | | Ongoing | COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S) | | | | \$ 995 | | |

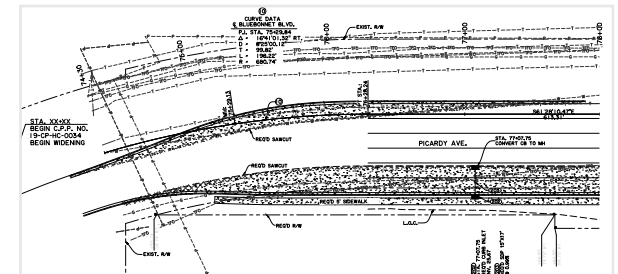
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) *If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The only past performance evaluation 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.

GEC completed a design study, preliminary plans, and is currently 95% complete with the final design for the widening of Bluebonnet Blvd. from Perkins Road to Picardy Avenue and replacement of the existing bridges over Dawson Creek in accordance with MOVEBR Design Guidelines and the LADOTD Road Design Manual.

The traffic study identified two intersection locations along the corridor that had crash rates greater than twice the statewide average, one intersection that was on LADOTD's high PSI list, and a segment that is on LADOTD's high PSI segment and overrepresented crashes for rear-end and side-swipe crashes. Three pedestrian crashes occurred during the 3-year analysis period, all at the same intersection, and the Bicycle Planning Tool showed the entire corridor having a poor bicycle LOS.

GEC's design includes widening from four-lanes to a six-lane, curb and gutter boulevard with protected turn lanes, subsurface drainage, green infrastructure, and pedestrian facilities. To improve safety for both vehicular and pedestrian traffic, GEC consolidated and removed driveways and altered parking encroachments along the corridor for improved access management principles. GEC's design includes 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. Other safety features implemented in GEC's design includes extended turn lanes, upgraded signage, signal improvements, highly visible lane markings, protected merge and turn lanes, and rumble strips. GEC staff performed a level 2 Transportation Management Plan (TMP).

GEC also provided a hydraulic analysis for the Dawson Creek Bridge replacement and a study 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. GEC recommended that the existing bridge be replaced. 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 pedestrian facilities will continue across the bridges and will feature barriers to separate pedestrians/bicyclists from vehicular traffic. GEC is also participating in public and other agency meetings.



To improve safety for both vehicular and pedestrian traffic, GEC consolidated and removed driveways and altered parking encroachments along the corridor for improved access management principles.

Firm Members Involved: Cary Bourgeois, PE, Keith Rebello, PhD, PE, Varaprasad Venkata, PE, Jerome Lohmann, PE, Chris Nipper, PE

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|---|--|---|--|-------------------------------------|---------|
| FIRM NAME | G.E.C., Inc. | | PAST PERFORMANCE EVALUATION DISCIPLINE(S)* | Road | ** |
| PROJECT NAME | LA 182 Interchange at Willow Street | | | FIRM RESPONSIBILITY (PRIME OR SUB?) | Sub |
| PROJECT NUMBER | H.015372 | OWNER'S NAME | LADOTD | | |
| PROJECT LOCATION | Lafayette, Louisiana | | OWNER'S PROJECT MANAGER | Joseph Cains (Stantec, Prime) | |
| OWNER'S ADDRESS, PHONE, EMAIL | 1200 Brickyard Ln Suite 400, Baton Rouge, LA 70802, Joseph Cains, Joseph.cains@stantec.com | | | | |
| SERVICES COMMENCED BY THIS FIRM (MM/YY) | 02/24 | TOTAL CONSULTANT CONTRACT COST (\$1,000'S) | | | Unknown |
| SERVICES COMPLETED BY THIS FIRM (MM/YY) | Present | COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S) | | | \$ 361 |

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) *If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The only past performance evaluation 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.

GEC is providing preliminary and final construction plans in accordance with AASHTO Standards and the LADOTD Road Design Manual for **improvements to the LA 182 Interchange at Willow Street** in Lafayette, LA. This project is one portion of the overall I-49 Connector corridor project under which LA 182 will be upgraded to I-49. I-49 will be extended southward from I-10, through the Evangeline Throughway in Lafayette, past the Kaliste Saloom Road interchange at the Lafayette Regional Airport.

GEC's scope includes developing preliminary and final plans to produce bid documents for the **redesign of two frontage roads, the extension and redesign of a local street, the widening and reconfiguration** of Willow Street at the LA 182 interchange, and the temporary reconfiguration of LA 182 to facilitate the construction of the future I-49 extension. Included with the redesigned roadways are **new sidewalks** for pedestrians and **shared-use paths** for pedestrians and bicyclists.

GEC is also providing the hydraulic design in accordance with the current edition of the LADOTD Hydraulics Manual. New subsurface drainage will be provided where curb and gutter is proposed and will direct the runoff to existing concrete canal outfalls within the project limits.

Firm Members Involved: Cary Bourgeois, PE, Jerome Lohmann, PE, Christopher Nipper, PE

GEC is redesigning two frontage roads to include new sidewalks for pedestrians and shared use paths.

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| FIRM NAME | | G.E.C., Inc. | | PAST PERFORMANCE EVALUATION 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.) *If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The only past performance evaluation 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.*

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.

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.



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

G.E.C., INC.

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| FIRM NAME | Forte and Tablada, Inc. | | | PAST PERFORMANCE EVALUATION DISCIPLINE(S)* | Survey | ** |
| PROJECT NAME | LA 60: Drain Bridge | | | | FIRM RESPONSIBILITY (PRIME OR SUB?) | Prime |
| PROJECT NUMBER | H.012072 | | OWNER'S NAME | LADOTD | | |
| PROJECT LOCATION | District 62, Washington Parish, LA | | | OWNER'S PROJECT MANAGER | Mark Hughes, PLS | |
| OWNER'S ADDRESS, PHONE, EMAIL | 1201 Capitol Access Road, Baton Rouge, LA 70804, (225) 379-1201, mark.hughes@la.gov | | | | | |
| SERVICES COMMENCED BY THIS FIRM (MM/YY) | 11/21 | TOTAL CONSULTANT CONTRACT COST (\$1,000'S) | | | | \$13 |
| SERVICES COMPLETED BY THIS FIRM (MM/YY) | 10/22 | COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S) | | | | \$13 |

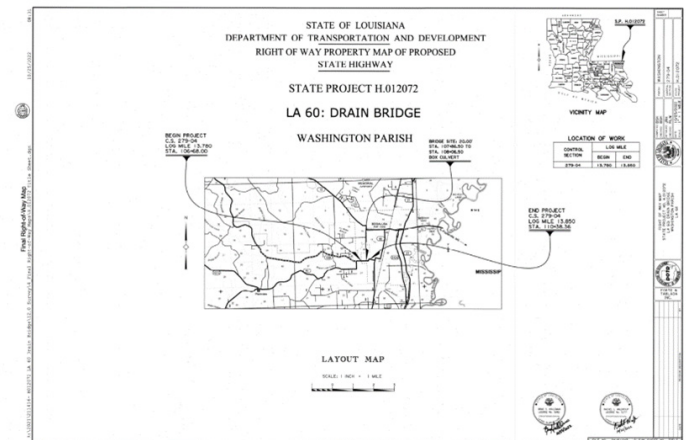
*Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) *If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The only past performance evaluation 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.*

The LA 60 Bridge Replacement project, located in District 62, Washington Parish, LA, was conducted under a LA DOTD Right of Way Mapping IDIQ contract. Forte and Tablada were tasked with performing a range of services crucial to the project's success, including title take-offs, a property survey, 60% base right-of-way maps, and the final right-of-way maps. All mapping work adhered to the requirements outlined in the LA DOTD Location and Survey Manual Addendum A.

A notable challenge arose when boundary evidence adjacent to the project was found to be lacking. To overcome this obstacle, Forte and Tablada undertook additional title research and field investigations on nearby tracts. This extra effort ensured accurate right-of-way mapping and helped maintain the project's timeline.

The project highlights Forte and Tablada's ability to navigate complex surveying issues and provide essential right-of-way data, ensuring the smooth progression of the LA 60 bridge replacement. Their commitment to thoroughness and problem-solving under challenging circumstances was key to the project's success.

Firm Members Involved: Brad Holleman, P.L.S., P.E., Rachel Waldroup, PLS, John Tullier



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| FIRM NAME | Forte and Tablada, Inc. | | PAST PERFORMANCE EVALUATION DISCIPLINE(S)* | Survey | ** |
| PROJECT NAME | US 190: UPASS US 61 – Livingston P/L | | | FIRM RESPONSIBILITY (PRIME OR SUB?) | Prime |
| PROJECT NUMBER | H.014128 | OWNER’S NAME | LADOTD | | |
| PROJECT LOCATION | District 61, East Baton Rouge Parish | | OWNER’S PROJECT MANAGER | Jonathon Herrod, PLS | |
| OWNER’S ADDRESS, PHONE, EMAIL | 1201 Capitol Access Road, Baton Rouge, LA 70804, (225) 379-1105, jonathan.herrod@la.gov | | | | |
| SERVICES COMMENCED BY THIS FIRM (MM/YY) | 02/23 | TOTAL CONSULTANT CONTRACT COST (\$1,000’S) | | | \$818 |
| SERVICES COMPLETED BY THIS FIRM (MM/YY) | 01/24 | COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000’S) | | | \$818 |

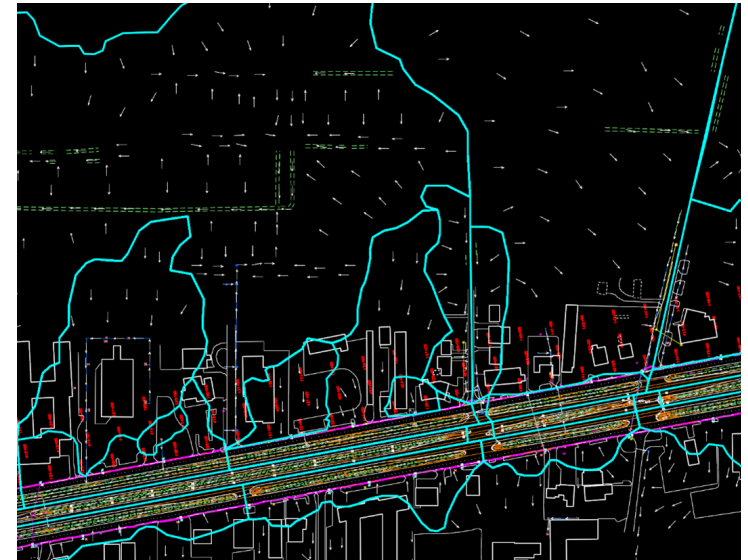
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) *If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The only past performance evaluation 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.

The US 190: UPass US 61 to Livingston Parish Line project, located in District 61, East Baton Rouge Parish, LA, was conducted under a LA DOTD Topographic Survey IDIQ contract. Forte and Tablada performed a 6.3-mile topographic survey from Airline Highway (US 61) to the Livingston Parish line, in accordance with the LA DOTD Location and Survey Manual. The survey supported the design of drainage improvements along the corridor and included the development of an existing drainage map.

A key challenge in the project was the complexity of the subsurface drainage system. Due to its age and decades of supplemental drainage projects, the system contained complex connections, many without manholes, and offset drainage trunk lines. Forte and Tablada overcame these challenges to deliver accurate and reliable survey data.

This project highlights Forte and Tablada's ability to handle the complexities of aging infrastructure, while adhering to strict LA DOTD standards, providing essential data for drainage improvements along this critical corridor.

Firm Members Involved: Brad Holleman, P.L.S., P.E., Ross Wilson, PLS, Jeremy Cormier PLS, Tommy Lake, Bradley Benson

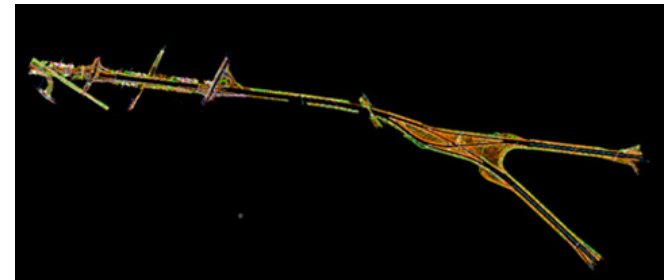


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| FIRM NAME | Forte and Tablada, Inc. | | PAST PERFORMANCE EVALUATION DISCIPLINE(S)* | Survey | ** |
| PROJECT NAME | I-10 (LA 415 to Essen Lane on I-10 and I-12) Survey | | | FIRM RESPONSIBILITY (PRIME OR SUB?) | Sub |
| PROJECT NUMBER | H.004100 | OWNER'S NAME | LADOTD | | |
| PROJECT LOCATION | East and West Baton Rouge Parishes, LA, Louisiana | | OWNER'S PROJECT MANAGER | Stanley Ard | |
| OWNER'S ADDRESS, PHONE, EMAIL | 1201 Capitol Access Road, Baton Rouge, LA 70804, (225) 379-1292, stanley.ard@la.gov | | | | |
| SERVICES COMMENCED BY THIS FIRM (MM/YY) | 01/18 | TOTAL CONSULTANT CONTRACT COST (\$1,000'S) | | | \$13 |
| SERVICES COMPLETED BY THIS FIRM (MM/YY) | 06/19 | COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S) | | | \$13 |

*Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) *If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The only past performance evaluation 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.*

Forte and Tablada, Inc. was a sub-consultant to NTB Associates for a topographic survey of the I-10 corridor from approximately 500' East of Perkins Rd. to Essen Ln., and the I-12 corridor from the I- 10/I-12 Merge to Essen Ln. Responsibilities on this project were establishing horizontal and vertical control, establishing targets for Mobile LiDAR roadway scans to control precision, and performing a topographical survey to LA DOTD Standards. Forte and Tablada, Inc. was responsible for all field and office work within the above limits of survey as part of a team on the project. This project displays Forte and Tablada's ability to use advanced technology such as lidar scanning to conduct topographic surveys on bridge projects for LA DOTD.

Firm Members Involved: Russell J. Coco, Jr., P.E., Ross Wilson, P.L.S., Rachel Waldroup, P.L.S., Tommy Lake, P.L.S., Gerald Middleton, P.L.S., Jeremy Cormier, Brent Campbell



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| FIRM NAME | NTB Associates, Inc. | | PAST PERFORMANCE EVALUATION DISCIPLINE(S)* | Survey, Other (SUE), Right-of-Way | ** |
| PROJECT NAME | Jimmie Davis Bridge (LA 511) Design-Build | | | FIRM RESPONSIBILITY (PRIME OR SUB?) | Sub |
| PROJECT NUMBER | H.001779 | OWNER'S NAME | LaDOTD Baton Rouge/ James Construction/ Huval & Associates, Inc. | | |
| PROJECT LOCATION | Bossier & Caddo Parishes, LA | | OWNER'S PROJECT MANAGER | Mr. Aaron Dupont | |
| OWNER'S ADDRESS, PHONE, EMAIL | 18484 E. Petroleum Drive, Baton Rouge, LA 70809 (225) 442-6362 adupont@prim.com | | | | |
| SERVICES COMMENCED BY THIS FIRM (MM/YY) | 01/22 | TOTAL CONSULTANT CONTRACT COST (\$1,000'S) | | | \$ 1,140 |
| SERVICES COMPLETED BY THIS FIRM (MM/YY) | Ongoing | COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S) | | | \$ 1,140 |

*Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) *If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The only past performance evaluation 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.*

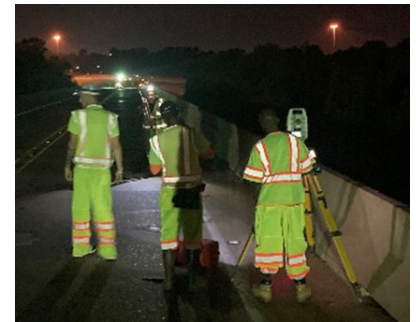
NTBA is performing static GPS control, topographic and property surveying services, traffic control, utility coordination services, QL A, B, C, & D utility designating/locating, as well as preparing title takeoffs, 60% Right-of-Way Maps, Final Right-of-Way Maps, and legal descriptions for the design-build project to replace the Jimmy Davis Bridge across the Red River. The scope of this project consists of constructing a new four lane structure carrying LA 511 across the Red River, converting LA 511 (Jimmie Davis Hwy) into a four-lane, median-divided highway on the east side of bridge; as well as providing full access interchanges between LA 511 and Clyde Fant Memorial Parkway and Arthur Ray Teague Parkway. NTBA designed and implemented a Traffic Control Plan for a bridge closure to verify the horizontal and vertical control set by LaDOTD during the original survey and verified the vertical control for both sides by running digital levels across the bridge, which was not performed in the original survey. All of this was completed during night shifts to ensure the safety of employees and the public as well as to avoid traffic disruptions.

NTBA performed property surveys and title take-offs for approximately 50 properties adjacent to the route and a property survey submittal prepared with apparent right-of-way shown. Final Mylar Right-of-Way Maps have been submitted for 21 parcels requiring right-of-way taking. The set included 21 plans sheets and one title sheet.

NTBA performed SUE services to designate all utilities within the project limits. A conflict matrix was created showing the utilities in conflict with the construction. We are coordinating with the utility owners to relocate utilities that conflict with the construction and will monitor the relocation to ensure compliance with relocation plans. NTBA is utilizing the Louisiana Department of Transportation Survey and Design Manual Addendum A as well as CI/ASCE Standard 38-02.

Firm Members Involved:

| | | | |
|-------------------|------------------|-------------------|-----------------|
| <i>B. Bunch</i> | <i>M. King</i> | <i>A. King</i> | <i>C. LeCoq</i> |
| <i>G. Gilleon</i> | <i>I. Jack</i> | <i>C. Chapman</i> | <i>W. Offer</i> |
| <i>P. Staiano</i> | <i>C. Harlan</i> | <i>T. Sitton</i> | <i>W. Wales</i> |



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| FIRM NAME | | NTB Associates, Inc. | | PAST PERFORMANCE EVALUATION DISCIPLINE(S)* | | Survey, Other (SUE) | | ** | |
| PROJECT NAME | | I-10: LA 415 to Essen Lane on I-10 and I-12 | | | | | FIRM RESPONSIBILITY (PRIME OR SUB?) | | Sub |
| PROJECT NUMBER | | 44-12323, 44-17713, 44-14660 - Multiple TOs | | OWNER'S NAME | | LaDOTD Baton Rouge | | | |
| PROJECT LOCATION | | West & East Baton Rouge Parishes, LA | | | | OWNER'S PROJECT MANAGER | | Mr. Nicholas J. Olivier, PE | |
| OWNER'S ADDRESS, PHONE, EMAIL | | 1201 Capitol Access Road, Baton Rouge, LA 70802 (225) 379-1133 nicholas.olivier@la.gov | | | | | | | |
| SERVICES COMMENCED BY THIS FIRM (MM/YY) | | 12/17 | | TOTAL CONSULTANT CONTRACT COST (\$1,000'S) | | | | | \$ 8,743 |
| SERVICES COMPLETED BY THIS FIRM (MM/YY) | | 09/24 | | COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S) | | | | | \$ 5,375 |

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) *If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The only past performance evaluation 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.

This project began in 2017 and has continued throughout the years under separate LaDOTD Task Orders for additional work. NTBA is currently performing topographic surveys near the I-10 and I-110 interchange for three additional areas. NTBA has performed Static GPS control surveys, topographic surveying services, HDS 3D Terrestrial Laser Scanning, and subsurface utility engineering services throughout the approximately 11 miles of the project corridor of I-10 and approximately 2 miles of the project corridor of I-12 in West Baton Rouge and East Baton Rouge Parishes, including all surface streets and drainage ways within and surrounding the project corridor. NTBA was the prime consultant and in direct supervision and control of 7 sub-consultants with multiple project milestones.

Topographic surveying utilized conventional surveying, Static/ RTK GPS, and HDS 3D Terrestrial Laser Scanning methods of data collection. The project also included several lane closures of the interstate which were all accomplished by NTBA staff, and most were completed at night.

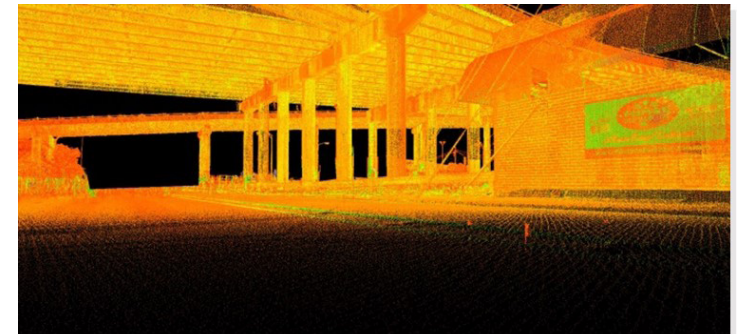
NTBA also developed surface models from LiDAR data obtained from our survey crews as well as those of the 3 other sub-consultants. This involved much coordination with the sub-consultants to ensure that the surfaces were seamless at the transitions between the different surveys.

NTBA performed QL B, C, and D utility designating services as part of this project. NTBA provided designating crews and provided coordination between 2 other SUE sub-consultants. As the prime and because of the extensive scope of this project, the project was split into multiple sections with each of the 3 SUE firms receiving their own sections with differing submittal deadlines.

Drawings with aeriels and MicroStation files were provided as the deliverable. This project is being completed in accordance with the most current edition of the Location and Survey Manual and all currently accepted Location and Survey Automation procedures.

Firm Members Involved:

| | | | |
|------------|-----------|------------|----------|
| B. Bunch | M. King | A. King | C. LeCoq |
| G. Gilleon | I. Jack | C. Chapman | W. Offer |
| P. Staiano | T. Sitton | W. Wales | |



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| FIRM NAME | | NTB Associates, Inc. | | PAST PERFORMANCE EVALUATION DISCIPLINE(S)* | | Survey, Other (SUE) | | ** |
| PROJECT NAME | | I-20: Monkhouse to I-49, Route I-20 | | | | FIRM RESPONSIBILITY (PRIME OR SUB?) | | Prime |
| PROJECT NUMBER | | 4400017713/ H.010468.5 | | OWNER'S NAME | | LaDOTD Baton Rouge | | |
| PROJECT LOCATION | | Caddo Parish, LA | | | OWNER'S PROJECT MANAGER | | Mr. Barrett Smith, PLS | |
| OWNER'S ADDRESS, PHONE, EMAIL | | 1201 Capitol Access Road, Baton Rouge, LA 70802 (225) 379-1133 barrett.smith@la.gov | | | | | | |
| SERVICES COMMENCED BY THIS FIRM (MM/YY) | | 04/22 | | TOTAL CONSULTANT CONTRACT COST (\$1,000'S) | | | | \$ 1,355 |
| SERVICES COMPLETED BY THIS FIRM (MM/YY) | | 04/23 | | COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S) | | | | \$ 1,355 |

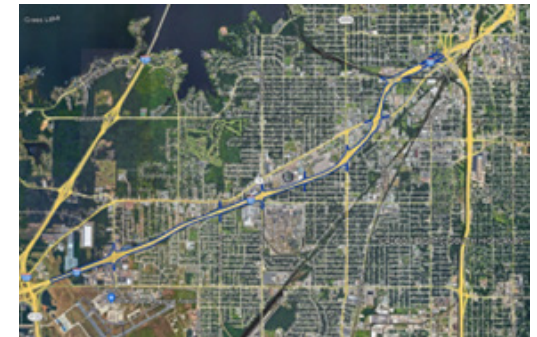
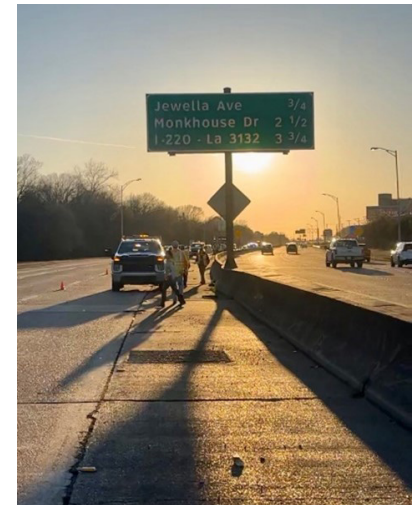
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) *If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The only past performance evaluation 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.

NTBA performed Static GPS Control, topographic surveying services utilizing RTK and conventional surveying and HDS 3D Terrestrial Laser Scanning, Traffic Control, and QL C & D subsurface utility investigation for interstate rehabilitation. NTBA also prepared a drainage map. This project was one of the largest topographic surveys NTBA has ever been a part of. It consisted of 4.89 miles of interstate, 2.35 miles of side streets, and a drainage area of approximately 990 acres. Surveys and utility investigations were performed along I-20 beginning approximately 4,200 ft. southwest of the intersection of Monkhouse Dr. and I-20 and proceed in a northeasterly direction along I-20 ending at the westerly end of the I-20/I-49 interchange. Areas included Monkhouse Drive, Jewella Avenue, Hearne Avenue, Greenwood Road, Texas Avenue, and Lakeshore Drive.

NTBA managed our sub-consultant, E.S.P. Associates, P.A., for Mobile Laser Scanning Services of hard surfaces along the route. NTBA performed data extraction of mobile scan data for incorporation into Inroads and for Point Cloud delivery. LaDOTD's project schedule had an allowable duration of 365 days, but NTBA completed in 359 days with one minor comment. This effort took 3,999 field crew hours, 3,448 CADD hours, and 2,250 PLS hours. There were over 70,000 points for the topographic survey and over 1,500 drainage structures surveyed for the drainage map. The areas included major thoroughfares, surface streets, railroad rights-of-way, and drainage canals. MicroStation files were the deliverable for the project. All services completed in accordance with the Location and Survey Manual and all currently accepted Location and Survey Automated procedures.

Firm Members Involved:

| | | | |
|------------|-----------|------------|----------|
| B. Bunch | M. King | A. King | C. LeCoq |
| G. Gilleon | I. Jack | C. Chapman | W. Offer |
| P. Staiano | T. Sitton | W. Wales | |



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|---|--|--|---------|---|--|--------------------------|-------------------------------------|--------------|-----|
| FIRM NAME | | Ardaman & Associates, Inc. | | PAST PERFORMANCE EVALUATION 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.) *If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The only past performance evaluation 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.*

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



| | | | | | | |
|---|--|---|--------------|--|-------------------------------------|------|
| FIRM NAME | Ardaman & Associates, Inc. | | | PAST PERFORMANCE EVALUATION 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.) *If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The only past performance evaluation 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.*

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

G.E.C., INC.

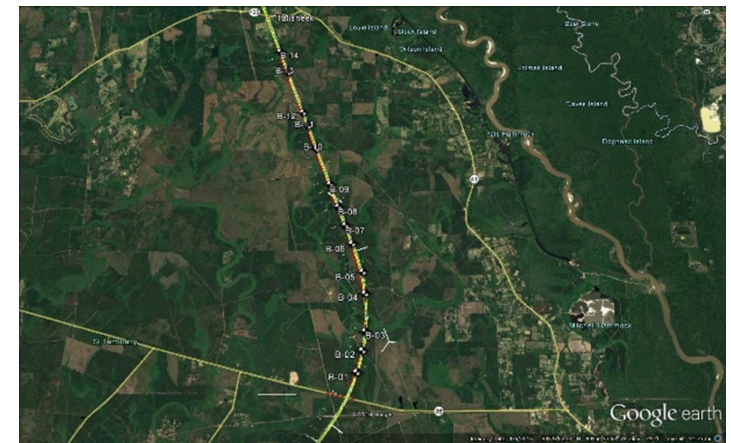
| | | | | | | | | | |
|---|--|--|---------|---|--|-------------------------------------|-------------------------------------|--------------|-----|
| FIRM NAME | | Ardaman & Associates, Inc. | | PAST PERFORMANCE EVALUATION DISCIPLINE(S)* | | Geotech | | ** | |
| PROJECT NAME | | I-12 to Bush – Route 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.) *If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The only past performance evaluation 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.

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, Chandler Willis

| | | | | | | | | | |
|---|--|---|--|---|-------------------------|---------|-------------------------------------|----|-----------|
| FIRM NAME | | Vectura Consulting Services, LLC | | PAST PERFORMANCE EVALUATION DISCIPLINE(S)* | | Traffic | | ** | |
| PROJECT NAME | | I-10 ITS Scott to Lake Charles | | | | | FIRM RESPONSIBILITY (PRIME OR SUB?) | | Sub |
| PROJECT NUMBER | | H.013256.5 | | OWNER'S NAME | | DOTD | | | |
| PROJECT LOCATION | | I-10 (District 07) | | | OWNER'S PROJECT MANAGER | | Roy Esteven, PE | | |
| OWNER'S ADDRESS, PHONE, EMAIL | | 1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-2527, Roy.Esteven@LA.gov | | | | | | | |
| SERVICES COMMENCED BY THIS FIRM (MM/YY) | | 01/21 | | TOTAL CONSULTANT CONTRACT COST (\$1,000'S) | | | | | unknown |
| SERVICES COMPLETED BY THIS FIRM (MM/YY) | | 03/21 | | COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S) | | | | | \$ 20,162 |

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) *If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The only past performance evaluation 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.

Vectura performed a Level 2 Traffic Management Plan (TMP) for the construction of ITS equipment along I-10. The plan included the following activities:

- safety strategy that included a CAT Scan,
- LOS determination utilizing Citrix data,
- lane closure recommendations based on a queue analysis,
- cost estimate,
- and public information strategies.

| Applicable for this project {Required (✓)} | Level 2 TMP Components | Stage 0 | Stage 1 | Stage 3 | | Workflow Notes |
|---|---|------------------|---------|---------------|---------------|----------------|
| | | | | Preliminary | Final | |
| | | | | 60% Submittal | 90% Submittal | |
| | Analysis | Percent Complete | | | | |
| | • Detour Analysis | 100% | | | | ① |
| | • Queue Analysis according to EDSMVI 1.1.4 | 100% | | | | ① |
| | Documentation | Percent Complete | | | | |
| ✓ | • TTC Details | | | 50% | 100% | ⑦ |
| | • TTC Plan (based on type and location of construction) | | | 50% | 100% | ⑦ |
| | • Migration (if the current roadway is LOS F) | 60% | 100% | | | ④ |
| | • Migration (if the roadway is on the Abnormal Crash Location list) | 60% | 100% | | | ④ |
| | • Evacuation Strategy (if used as an evacuation route) | 100% | | | | ④ |
| | • Work Restrictions | 20% | 50% | 70% | 100% | ④ |
| ✓ | • Basic Public Information release at the District level | | | 60% | 100% | ⑧ |

Firm Members Involved: Laurence Lambert, Brin Ferlito, Reece Rodrigue, & Kristen Farrington

| | | | | | | |
|---|--|---|------|--|-------------------------------------|-----------|
| FIRM NAME | Vectura Consulting Services, LLC | | | PAST PERFORMANCE EVALUATION DISCIPLINE(S)* | Traffic & CE&I/OV | ** |
| PROJECT NAME | Belle Chasse Bridge & Tunnel Replacement PPP | | | | FIRM RESPONSIBILITY (PRIME OR SUB?) | Sub |
| PROJECT NUMBER | H.004791 | OWNER'S NAME | DOTD | | | |
| PROJECT LOCATION | Belle Chasse, Louisiana | | | OWNER'S PROJECT MANAGER | Nicholas Olivier, PE | |
| OWNER'S ADDRESS, PHONE, EMAIL | 1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1133, Nicholas.olivier@la.gov | | | | | |
| SERVICES COMMENCED BY THIS FIRM (MM/YY) | 04/19 | TOTAL CONSULTANT CONTRACT COST (\$1,000'S) | | | | Unknown |
| SERVICES COMPLETED BY THIS FIRM (MM/YY) | current | COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S) | | | | \$211.890 |

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) *If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The only past performance evaluation 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.

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

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

Firm Members Involved: Laurence Lambert, Brin Ferlito, Reece Rodrigue



| | | | | | | |
|---|--|---|------|--|-------------------------------------|------------|
| FIRM NAME | Vectura Consulting Services, LLC | | | PAST PERFORMANCE EVALUATION DISCIPLINE(S)* | Traffic | ** |
| PROJECT NAME | I-20: LA 544 Overpass Replacement | | | | FIRM RESPONSIBILITY (PRIME OR SUB?) | Sub |
| PROJECT NUMBER | H.010616 | OWNER'S NAME | DOTD | | | |
| PROJECT LOCATION | Baton Rouge, Louisiana | | | OWNER'S PROJECT MANAGER | Jacob Fusilier | |
| OWNER'S ADDRESS, PHONE, EMAIL | 1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1185, Jacob.Fusilier@la.gov | | | | | |
| SERVICES COMMENCED BY THIS FIRM (MM/YY) | 04/23 | TOTAL CONSULTANT CONTRACT COST (\$1,000'S) | | | | Unknown |
| SERVICES COMPLETED BY THIS FIRM (MM/YY) | 10/23 | COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S) | | | | \$ 131.973 |

Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.) *If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The only past performance evaluation 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.

Vectura performed a Level 2 Traffic Management Plan (TMP) that included the following activities:

- Preliminary and final traffic studies
- Temporary and final traffic signal plans
- Traffic Management Plan (TMP)
 - safety strategy that included a CAT Scan,
 - LOS determination utilizing Citrix data,
 - lane closure recommendations based on a queue analysis,
 - cost estimate,
 - and public information strategies.



Firm Members Involved: Laurence Lambert, Brin Ferlito, Reece Rodrigue, & Kristen Farrington

18. Approach and Methodology

IDIQ Contract for Design Services, Districts 61 & 62

Summary of Experience

G.E.C., Inc. (GEC) is pleased to offer LADOTD a team significantly experienced in the delivery of LADOTD projects, including performing all required engineering including surveying, roadway design, bridge design, environmental services, permitting, cost estimates, hydraulic design, sanitary and storm drainage, special provisions, TMPs, quality plan reviews and construction services for both major projects as well as for 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). **The GEC Team will provide the required services needed to provide the highest quality and success for projects to advance to successful construction.**

GEC, in collaboration with Forte & Tablada, NTB, Ardaman, and Vectura, offers a comprehensive range of services to fulfill the requirements of this IDIQ.

Scope Understanding

The GEC Team understands the importance of Districts 61 & 62 having an IDIQ as a valuable tool to assist in delivering design projects. GEC is available and ready to step in and work with you to deliver projects on time, obligating the District funding before and by the deadline. **We understand that task orders issued under this contract are under a compressed schedule, and we will expedite engineering services to ensure completion prior to the IDIQ expiration.** 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. We also 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, & 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. Our approach to this IDIQ will vary depending on the scope & previous studies/work that may have already been performed. **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. We will first work to gain a clear understanding of DOTD's needs and goals through effective

communication. We will maintain this communication throughout the life of the project, executing task orders in a timely manner and will provide contract management that includes delivery on schedule, while maintaining the budget and managing 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 or rehabilitation of roadways within all 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 projects on state routes, whether it was directly through contract with LADOTD or through permit for a municipality. This extremely experienced team has current working relationships with LADOTD with the skill to exceed LADOTD's expectations for the various task orders which may be issued under this IDIQ. Through our experience, the GEC Team is equipped with knowledge and lessons learned, knowing how to proactively approach these various types of projects to provide successful and timely deliverables.

The types of task orders that may be issued as a part of this contract align exceptionally with the expertise of the GEC Team, as this team has experience in every type of project that may be issued. Typical projects may include preliminary and final design for roadway widening, major construction, signage and striping improvements, full reconstruction, roundabouts and other intersection improvements, embankment and drainage, general line and grade studies, resurfacing, turn lanes, and more.

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 61/62 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. Other challenges that may be encountered during typical task orders and GEC's approach to challenges can be found on the Section 18 divider.

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 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.

Project Kickoff & Field Visit

Once a project is assigned by Task Order, and a Notice to Proceed (NTP) is issued, GEC will hold a kickoff meeting with LADOTD staff to determine the status and scope of the project. Before the Kickoff meeting, GEC will furnish the project manager with a preliminary version of the schedule for review and then be presented during the kickoff meeting. The GEC Team will perform a team site visit to assess conditions & identify 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. Additionally, a comprehensive list of expected deliverables, organized according to submittal stages will be shared with all attendees. Steps include:

1. Pre-design criteria, LADOTD Minimum Design Guidelines, and project schedule will be established before the kickoff meeting and will be reviewed at the meeting.
2. Traffic data, geotechnical data, pavement design, as-built plans, pavement reports, & other relevant available data will be requested and reviewed at this meeting.
3. Project points of contact, schedule, budget, invoicing procedures, & other project management tasks will be discussed and established.
4. Minutes from this meeting will be prepared and distributed to all attendees and will become a part of the official project record.

Topographic, Property, R/W Surveys, Title Take-Offs / Geotechnical

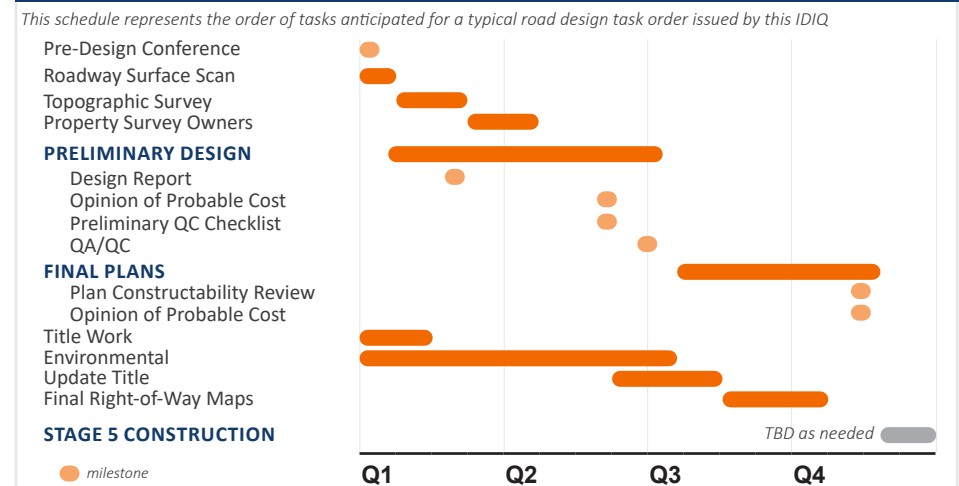
Control Survey. Primary Control monuments shall be set in relatively safe locations, where their possibility of destruction during construction will be minimized and shall be constructed of stable and permanent materials. All Control points shall be referenced horizontally to Louisiana State Plane Coordinate System (South Zone 1702/North Zone 1701) NAD83 and vertically to NAVD88 with the most current and approved geoid, unless instructed to use an existing, project specific coordinate system and/or vertical Datum/Geoid. Forte and Tablada also has the ability and equipment to set deep rod

monuments, if required for the project. A closed level loop shall be completed for the vertical control utilizing a digital level. Temporary Benchmarks shall be established at 1000 foot intervals as defined by the LADOTD Location and Survey Manual with TBM's being established outside of proposed construction areas. Once the primary control network is completed, a Horizontal and Vertical Control Sketch, showing locations of all Primary Control points, shall be submitted.

Topographic Survey. The Topographic Survey shall be in accordance with all principles and objectives set forth in the latest version of the LADOTD Location and Survey Manual, and the Survey Feature Code Guide Book produced by LADOTD Location and Survey Section, Survey Automation. All busy roadways within the project area will be surveyed utilizing Light Detection and Ranging (LiDAR) methods to safely collect the data. The LiDAR data shall be tied to the survey control. If required for a project, all Mobile LiDAR work shall be in accordance with the Chapter 15 of the California Department of Transportation Survey Manual, and all extracted point cloud data shall be formatted in accordance with the Location and Survey Manual and Automation procedures. Forte and Tablada consistently prioritizes investment in equipment, software, and trained personnel to conduct hydrographic surveys. Whether utilizing conventional, LiDAR, single beam, or multi-beam methods, we ensure the capability to comprehensively assess water-related aspects within project scopes. All utilities within the project limits, above and below ground, shall be located within the topographic survey. If Subsurface Utility Engineering is not scoped for the project, utility locates will be comparable to Quality Level D or C services as defined by CI/ASCE Standard 38-02. All deliverables will be developed in accordance with the current Location and Survey Section's list of topographic survey submittal requirements.

Right-of-Way Survey. Forte and Tablada's team brings extensive expertise to the contracting process for right-of-way mapping IDIQ task orders. Forte and Tablada's deep understanding of the requirements for producing right-of-way maps, particularly for LA

FIGURE 1. SAMPLE PROJECT SCHEDULE



DOTD, aids in the estimation and schedule development stages of the task order process. Forte and Tablada initiates the Property Survey phase for right-of-way maps by conducting a Title Takeoff. This research will aid in locating property and right-of-way monuments, which will provide the evidence to set the existing Right-of-Way lines, where we will then Draft the Property Survey. The Property Survey will be followed by the Right-of-Way Mapping, which will consist of the 60% Base Right-of-Way, Final Check Print, and Final Right-of-Way Map phases. Forte and Tablada will utilize the right-of-way lines set by the design engineer to generate taking parcels within privately owned areas. All Right-of-Way Maps will adhere to the procedures, style, and QA/QC checklist outlined in the LA DOTD's Addendum "A". Drafting will be done using CadConform in MicroStation to ensure compliance with LA DOTD's standards regarding line styles and text weights.

Geotechnical

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

Traffic Services

Data Collection. Vectura's Data Collection Project Manager will oversee all DOTD count requests, scheduling, data processing and delivery. Vectura staff consists of licensed Professional Engineers in the state of Louisiana with PTOE certifications. PTOE staff will be involved in the processing and QC of the final deliverable of the traffic data.

Traffic Engineering Analysis. Vectura has an experienced staff of transportation engineers that are well versed in the traffic models used by DOTD to analyze complex alternatives. Brin and Laurence have worked with DOTD for over the past 20 years and are skilled in several softwares, including TranPLAN, TransCAD, CORSIM, VISSIM to name a few. Staff developed models to compare alternatives for LADOTD. On a more microscopic level, Vectura staff are proficient in HCS, Synchro and Sidra to analyze intersection alternatives. All staff have taken LADOTD's Traffic Engineering Process and Report course and understand how to format the study to LADOTD's standards.

Intersection Control Design and Review. 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.

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

Preliminary/Final Design, Plan Development & Cost Estimates

The GEC Team is very familiar with the LADOTD Road Design Manual, Bridge Design Manual, EDSMs, Standard Specifications for Roads and Bridges, Minimum Design Guidelines, Guidance for PRR Projects, and other LADOTD related guidelines, specifications, and standards and will follow the steps outlined in Figure 2. For pavement preservation projects, GEC will follow the Guidance for 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.

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

With our diverse portfolio of roadway design & 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 prepare all plans in accordance with the most current LADOTD CAD standards. In addition to the resumes included in Section 16, GEC support staff includes a depth of highly knowledgeable and skilled CAD personnel, experienced in utilizing Bentley's Microstation, InRoads, and CADConform programs. The GEC Team is aware of the LADOTD transition to OpenRoads and if such transition shall occur during this IDIQ, The GEC Team is prepared to transition appropriately. The GEC Team will upload e-deliverables into the LADOTD ProjectWise repository at any necessary milestone as required by the Task Order. The plan submittals for this work will generally adhere to the LADOTD Road Design and Bridge Design (if necessary) requirements, as shown in the box below. 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. The GEC Team understands the process for Design Waivers and Design Exceptions that are commonly required as a part of preservation projects.

GEC is equipped to provide the following other services if necessary throughout the plan development process:

Hydraulic Analysis & Sanitary Design. GEC will provide all bridge hydraulics, drainage and sanitary analysis, and design 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. Bridge backwater and water surface profiles

will be calculated according to the FHWA WSPRO Water Surface Profile. 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.

Bridge Design. In the event bridge design is required, the GEC Team will perform all necessary tasks required as a part of the LADOTD process. Plans will adhere to the AASHTO LRFD Bridge Design Specifications and the LADOTD Roadway Plan Preparation Manual, Bridge Design Manual, General Guide for Bridge Plan Preparation, and the Hydraulics Manual. The GEC Team will prepare a preliminary report including the cost analysis and synopsis. Bridge scour calculations will be performed in accordance with the FHWA Evaluating Scour at Bridges Manual. The GEC Team will provide a complete "as designed" structural analysis of the load carrying capacity of all superstructure and structural components except cast in place and pre-cast slab spans and will be included in the rating report.

Environmental/Permitting. GEC will develop engineering drawings and details, which illustrate proposed work with the purpose of obtaining the required permit(s). In addition to performing the required environmental services, GEC also has experience in performing field surveys such as wetlands delineations and biological assessments, performing public/stakeholder outreach, & preparing SWPPPs and environmental documentation. Environmental will be cleared before proceeding to Final Plans.

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. GEC will respond to all RFIs within 48 hours. Cost recovery for all RFIs due to plan/specification clarity or plan/specification error will be as noted in the Errors and Omissions clause as established in the Original Contract. GEC will review all shop drawings and equipment submittals to ensure conformity with the construction contract document, and the distribution of approved submittals. GEC will prepare a full set of construction documents in accordance with the plan preparation procedures in the LADOTD Road and Bridge Manuals. 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.

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, Jerome Lohmann, PE has 39 years of supervising and performing design services on a variety of roadway and bridge projects.**

19. Workload

| Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE | Past Performance Evaluation Discipline(s) * | Contract Number and State project number | Project name | Remaining unpaid balance** |
|--|---|---|---|----------------------------------|
| 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) | 389,447 |
| | | 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 | 270,000 |
| | | 44-25040, H.015342 | IIJA, Off-System Bridge Program, District 61 Less EBR, S.A.#1 (Note: Work will be performed over 2 years. Expires 6/30/26) | 164,735 |
| | | H.013897 | I-10 & I-12 College Drive Flyover Ramp Design-Build Project (Sub to Boh Bros.) | 46,396 |
| | Bridge | 44-04128, H.004273.5 | I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange) (Sub to Stantec) | 86,530 |
| | | 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 | 1,068,000 |
| | | 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) | 207,024 |
| | | 44-25040, H.015342 | IIJA, Off-System Bridge Program, District 61 Less EBR, S.A.#1 (Note: Work will be performed over 2 years. Expires 6/30/26) | 781,712 |
| | | 44-05267, H.003074.5 | Williams Blvd – Veterans Blvd., Route I-10, Jefferson Parish, LA | 148,795 |
| | Environmental | 44-04128, H.004273.5 | I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange) (Sub to Stantec) | 23,274 |
| | | 44-25040, H.015342 | IIJA, Off-System Bridge Program, District 61 Less EBR, S.A.#1 (Note: Work will be performed over 2 years. Expires 6/30/26) | 22,021 |
| | | 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) | 301,419 |
| | | 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 | 1,010,647 |
| | | 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, Orleans Parish | 70,293 |
| | | 44-26074, H.014552.6 | IDIQ Contract for Electrical Statewide, TO#2 - I-49: LA 31 Interchange Lighting (Opelousas) | 129,108 |
| | | 44-26074, H.015598.6 | IDIQ Contract for Electrical Statewide, TO#3 - I-210: Hurricane Laura Lighting Repairs | 150,255 |
| | 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). | 1,076,082 |

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|--------------|----------------------------|-----------------------------------|---|-----------|
| G.E.C., Inc. | Other (Program Management) | 44-25040, H.015342 | IJA, Off-System Bridge Program, District 61 Less EBR, S.A. #1 (Note: Work will be performed over 2 years. Expires 6/30/26) | 141,300 |
| | | 44-29195, 44-29196 or 44-29197 | IDIQ for Engineering and Technical Support Services for Critical Project, Statewide (Sub to Stantec) (Note: Selection was just made on 9/27/24. Contracts pending.) | N/A |
| | | 44-04128, H.004273.5 | I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange) (Sub to Stantec) | 59,005 |
| | | 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 | 563,000 |
| | CE&I/OV | 44-23074, H.010724.6 | IDIQ for CE&I Services and Staff Augmentation, District 61 - Pecan Island Road Over the Chenal | N/A |
| | | 44-23074, H.012465.6 | IDIQ for CE&I Services and Staff Augmentation, District 61 - Flashing Yellow Arrow Part 3 | 54,222 |
| | | 44-23074, H.010960.6 | IDIQ for CE&I Services and Staff Augmentation, District 61 - LA 30 Roundabouts at Tanger Mall and I-10 | 600,230 |
| | | 44-23074, H.015022.6 | IDIQ for CE&I Services and Staff Augmentation, District 61 - LA 976: LA 81 - US 190 | N/A |
| | | 44-23074, H.014694.6 | IDIQ for CE&I Services and Staff Augmentation, District 61 - LA 426: LA 73 - Sherwood Forest | 147,102 |
| | | 44-23074, H.014930.6 | IDIQ for CE&I Services and Staff Augmentation, District 61 - Rumble Strips: District 61 - Area C | 74,787 |
| | | 44-23074, H.013265.6 | IDIQ for CE&I Services and Staff Augmentation, District 61 - Van Buren Street Over Corp. Canal | 83,770 |
| | | 44-23074, H.0154246 | IDIQ for CE&I Services and Staff Augmentation, District 61 - La 67: Plank Rd @ Airline- Girder Rep | 168,684 |
| | | 44-23074, H.012061 | IDIQ for CE&I Services and Staff Augmentation, District 61 - LA 1: Byu Moreau and Lateral W15#7A | 422,737 |
| | | 44-19950, H.002735.6 | IDIQ for CE&I, Statewide, with Majority of Work in District 03 - Bayou Vermillion Bridge | N/A |
| | | 44-19950, H.003003.6 | IDIQ for CE&I, Statewide, with Majority of Work in District 03 - I-10: I-49 - LA 328 | N/A |
| | | 44-19950, H.002868.6 | IDIQ for CE&I, Statewide, with Majority of Work in District 03 - I-49 S: Amb. Caffery / US 90 Interchange | N/A |
| | | 44-19950, H.013265.6 | IDIQ for CE&I, Statewide, with Majority of Work in District 03 - US 90: LA 14 to LA 83 | 302,754 |
| | | 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) | 1,328,273 |
| | | 44,24438, H.010673.6 | US 90: Harvey Canal Tunnel Rehab (CE&I), Jefferson Parish | 1,207,446 |
| | | 44-28884, H.003931.5 | Calcasieu River Bridge (HBI), Calcasieu Parish | 530,805 |
| | | 44-28466, H.015504.6 | CCC Decorative Lighting Construction Engineering and Inspection (CE&I) | 612,909 |
| | | 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 |

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|-------------------------|----------------|--|--|-----------|
| Forte and Tablada, Inc. | Bridge | 4400021594/H.009859.5 | Task Order No. 1 - Load Rate Selected Statewide Bridges | 89,296 |
| | Bridge, Survey | 4400021594/H.011965.6 | Task Order No. 2 - IWGO Bridge Rehabilitation (Drone Flyover) | 52,359 |
| | Bridge | 4400021594/H.000303.6 | Task Order No. 3 - Danziger Bridge Rehabilitation | 5,387 |
| | Bridge | 4400021594/H.009730.5 | Task Order No. 4 - In Depth Bridge Inspection T-1 Steel Weld Assessment | 562 |
| | Bridge | 4400021594/H.015228.5 | Task Order No. 5 - LA 70: Sunshine Bridge Emer Truss Repair | 123 |
| | Bridge | 4400021594/H.009859.5 | Task Order No. 6 - Load Rate Selected Statewide Bridges | 1,935,550 |
| | Bridge | 4400021594/H.009730.5 | Task Order No. 7 - In-Depth Bridge Inspections | 82,047 |
| | Bridge | 4400021594/H.009730.5 | Task Order No. 8 - In-Depth Bridge Inspections | 167,202 |
| | Bridge | 4400021594/H.015546.6 | Task Order No. 9 - Caplis Sligo Road Over Red Chute Bayou | 14,399 |
| | Bridge/Survey | 4400024589/H.014990.5 | OSBR S. Tiger Bend Rd & East Achord Rd Bridges | 7,428 |
| | Bridge/Survey | 4400013387/H.013137.5 | OSBR Ouachita | 23,249 |
| | Bridge/Survey | 4400019864/H.014318.5 | OSBR Gurney Road Bridges | 4,708 |
| | Bridge | 4400025037/H.014994.5 | OSBR Bonne Idee Rd over Bonne Bayou | 3,487 |
| | Road/Bridge | 4400024641/H.005734.5 | LA 447 Corridor | 64,602 |
| | CE&I/OV | 4400023837/H.013090.6 | Gretna Downtown Pedestrian Improvements | 55,022 |
| | CE&I/OV | 4400023837/H.009290.6 | LSU Laboratory School SRTS Project | 53,040 |
| | Survey | 4400021532/H.013941.5 | LA 724: Roundabout @ Landry Road | 46,302 |
| | Survey | 4400021532/H.005734.5 | LA 447 Corridor Study | 252,455 |
| | Survey | 4400025029/H.015341 | D61(EBR) IJA Off-System Bridge | 80,995 |
| | Survey | 4400025029/H.015341 | D61(EBR) IJA Off-System Bridge - SA 3 | 41,123 |
| | Survey | 4400004128/H.004273.5 | I-49 Connector | 31,438 |
| NTB Associates, Inc. | Survey | 4400019338 Multiple SP Nos. per bridge | Contract for Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (Sub to Waggoner) | \$2,078 |
| | Right-of-Way | 4400019338 Multiple SP Nos. per bridge | Contract for Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (Sub to Waggoner) | \$73,706 |
| | Right-of-Way | 4400019337 Multiple SP Nos. per bridge | Contract for Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (Sub to BKI) | \$90,105 |
| | Survey | 4400017067 LWI Task Order 3 | Louisiana Watershed Initiative (LWI) Modeling Contract – Region 1 (Sub to Atkins) | \$3,481 |
| | Right-of-Way | 4400025041 Multiple SP Nos. per bridge | Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program (Sub to Waggoner) | \$11,806 |
| | Survey | 4400027686; H.008768.5 | IDIQ Contract for Hydrographic Surveying Services – Task Order No. 1 – Fall Bridges | \$92,403 |
| | Other (SUE) | 4400026587; H.001779 | Jimmie Davis Bridge (LA 511) (HBI) Design Build Project, Bossier Parish (Sub to James Construction/Huval & Associates, Inc.) | \$118,750 |
| | Survey | 4400017713; H.004100.5 | IDIQ Contract for Professional Surveying Services – Task Order 12 – I-10: LA 415 to Essen on I-10 & I-12 | \$218,421 |

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| Ardaman & Associates, Inc. | Geotech | 44-4128; H.004273 | I-49 Connector, Lafayette | \$493,373 |
| | | 44-18899; H.004791 | LA 23: Belle Chasse Bridge & Tunnel (HBI) | \$138,062 |
| | | 44-1960; H.013897 | I-10 / I-12 College Drive Flyover Ramp | \$181,487 |
| | | 44-19013; H.004100.5 & .6 | I-10 CMAR Design Continuation: LA 415 TO ESSEN ON I-10 & I-12 | \$302,413 |
| | | H.04435 | I-12 to Bush Construction Phase | \$47,956 |
| | | 44-8671; H.009266 | I-10 Widening: LA 73 to LA 30 | \$31,759 |
| | | 44-19013; H.002244.5 | Boudreaux Canal Bridge (LA 56) | \$50,350 |
| | | 44-17438; H.013284 | MRB GBR LA 1 to LA 30 Connector | \$188,186 |
| | | 44-6189; H.004647.6 | I-20 Mississippi River Bridge at Vicksburg | \$3,196 |
| | | 44-25025; H.015337, H.015452-63, H.015489-92 | Rural Bridge Replacement | \$358,032 |
| | | 44-24652; H.012842.5 | LA 124 Ext. Near Larto Lake | \$20,868 |
| | | 44-24652; H.014265.5 | N River Road Irving Branch | \$14,105 |
| | | 44-24652; H.012533.5 | LA 1252 Bayou Pt Brule Bridge | \$23,306 |
| 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 | 71,398 |
| | 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 | 4400016364; H.015136.1 | Lake Charles Regional ITS Architecture Update | 12,643 |
| | ITS | 4400017922; H.012845.1 | C/AV Team and Working Group Support | 6,820 |
| | ITS | 4400017922; H.014515.5 | SEA ATMS and 511 System | 11,652 |
| | ITS | 44000020058; H.011507.1 | Monroe Phase 3 SEA | 29,217 |

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|----------------------------------|---------|---------------------------|---|---------|
| Vectura Consulting Services, LLC | Traffic | 4400018271; H.014746.5 | LA 383 Stage 0 Corridor Study | 20,146 |
| | ITS | 4400016364; H.015136.1 | Shreveport-Bossier Regional ITS Architecture Update | 11,260 |
| | ITS | 4400016364; H.014511.1 | Houma Regional ITS Architecture Update | 10,746 |
| | Traffic | 4400025299; H.013421.5 | Dist. 02H Flashing Yellow Arrow Part 2 | 360,988 |
| | Traffic | 4400025299; H.01564.5 | LA 47 Hayne Blvd Safety Improvements | 57,042 |





* The only past performance evaluation 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 past performance evaluation discipline for any single project, the firm can use multiple rows to express the remaining unpaid balance per evaluation discipline.





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





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 | | |
| <i>Date:</i> October 1, 2018 | <i>Professional Development</i> | |
| <i>Location:</i> Baton Rouge, Louisiana | <i>Hours (PDHs) Awarded:</i> 2.5 | |
|  Authorized Instructor |  Authorized Instructor |  Authorized instructor |
|  | | |

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

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

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](https://www.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. Colvins
Authorized Instructor

Bliss Bernard
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. Colvins
Authorized Instructor

Bliss Bernard
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. Colvins
Authorized Instructor

Bliss Bernard
Authorized Instructor

Robert J. Brumfield
Authorized instructor



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

| ATSSA 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 <u>3/13/2024</u> | ATSSA |
| Exp. Date <u>3/12/2028</u> | Instructor Name |
| State Issued <u>Louisiana</u> | <u>Don M. Clark</u> |
| A1000177231 | Instructor Signature |
| 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

Poly A. Colina
Authorized Instructor

Jim Holt
Authorized Instructor

Robert J. Brumfield
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

Poly A. Colina
Authorized Instructor

Jim Holt
Authorized Instructor

Robert J. Brumfield
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

Poly A. Colina
Authorized Instructor

Jim Holt
Authorized Instructor

Robert J. Brumfield
Authorized instructor



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

Brad Holleman**LOUISIANA ASSOCIATED GENERAL CONTRACTORS, INC.**

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

March 16, 2021

To Whom It May Concern,

This is to verify that the below listed employee of Forte & Tablada has successfully completed LADOTD required ATSSA Traffic Control Training.

ATSSA Traffic Control Supervisor Refresher Training – January 27, 2021 – Brad Holleman

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

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

Best Regards,

Michael Demouy – LAGC Manager

Ross Wilson

| | |
|--|---|
|  | |
| <h2>PROOF OF TRAINING</h2> <p>THIS CERTIFICATE HEREBY RECOGNIZES THAT</p> | |
| <hr/> <p>Ross Wilson has attended Traffic Control Supervisor-LA State Specific Training Course</p> <hr/> | |
| <p><u>4/5/2023 to 4/5/2027</u> Training Valid Through</p> <p>Baton Rouge, LA Location</p> | <p><i>Donna M. Clark</i> Vice President of Educational Services</p> <p><i>Michael Demouy</i> President, CEO</p> |
| <p><small>ATSSA provides training and certification but neither constitutes employment by ATSSA.</small></p> | |
|  <p><small>American Traffic Safety Services Association ATSSA.com</small></p> | |

Patrick Staiano



Iniko T Jack



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

Polly A. Colvin
Authorized Instructor

John Hitt
Authorized Instructor

Robert J. Brumfield
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

Polly A. Colvin
Authorized Instructor

John Hitt
Authorized Instructor

Robert J. Brumfield
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

Polly A. Colvin
Authorized Instructor

John Hitt
Authorized Instructor

Robert J. Brumfield
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.

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.




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

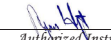
for completing the

**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)



LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

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

Vectura Consulting Services, LLC

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

NC488490, NC541330, NC541340

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

Certificate Eligibility: June 2024 to June 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

Jarmon King

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 |

| Search for Louisiana Business Filings | | | |
|--|----------------------|-------------|--------|
| Buy Certificates and Certified Copies Subscribe to Electronic Notification Print Detailed Record | | | |
| Name | Type | City | Status |
| FORTE AND TABLADA, INC. | Business Corporation | BATON ROUGE | Active |

| Search for Louisiana Business Filings | | | |
|--|----------------------|------------|--------|
| Buy Certificates and Certified Copies Subscribe to Electronic Notification Print Detailed Record | | | |
| Name | Type | City | Status |
| NTB ASSOCIATES, INC. | Business Corporation | SHREVEPORT | Active |

| 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 |

(https://www.sos.la.gov/Pages/default.aspx)

| Search for Louisiana Business Filings | | | |
|--|---------------------------|-------------|--------|
| 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 EXACTLY AS REGISTERED WITH LOUISIANA'S SECRETARY OF STATE (SOS): INCLUDING PUNCTUATION, INCLUDE SCREENSHOT(S) FROM SOS AT THE END OF SECTION 20) | Address | Point of Contact and email address | Phone Number |
|--|---|---|----------------|
| Forte and Tablada, Inc. | 9107 Interline Ave. Baton Rouge, LA 70809 | Russell J. Joey Coco, Jr. P.E. jcoco@forteandtablada.com | (225) 927-9321 |
| NTB Associates, Inc. | Corporate Headquarters: 525 Louisiana Ave., Shreveport, LA 71101 Branch Office: 8643 Main St., Zachary, LA 70791 | Bryan T. Bunch, PLS bbunch@ntbainc.com | (225) 751-4002 |
| Ardaman & Associates, Inc. | 316 Highlandia Drive Baton Rouge, LA 70810 | Robert Jewell RJewell@ardaman.com | (225) 666-4598 |
| VECTURA CONSULTING SERVICES, LLC | 4467 Bluebonnet Blvd. Suite A Baton Rouge, LA 70809-9639 | Sheelagh 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