Statement of Qualifications

IDIQ CONTRACT FOR ROADWAY DESIGN SERVICES STATEWIDE

CONTRACT NOS. 4400024927 AND 4400024928

US 11 AT SCHNEIDER CANAL, SLIDELL, LA

OCTOBER 4, 2022

SUBMITTED BY G.E.C., INC.

DOTD FORM: 24-102

(Revised March 1, 2022)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

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

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

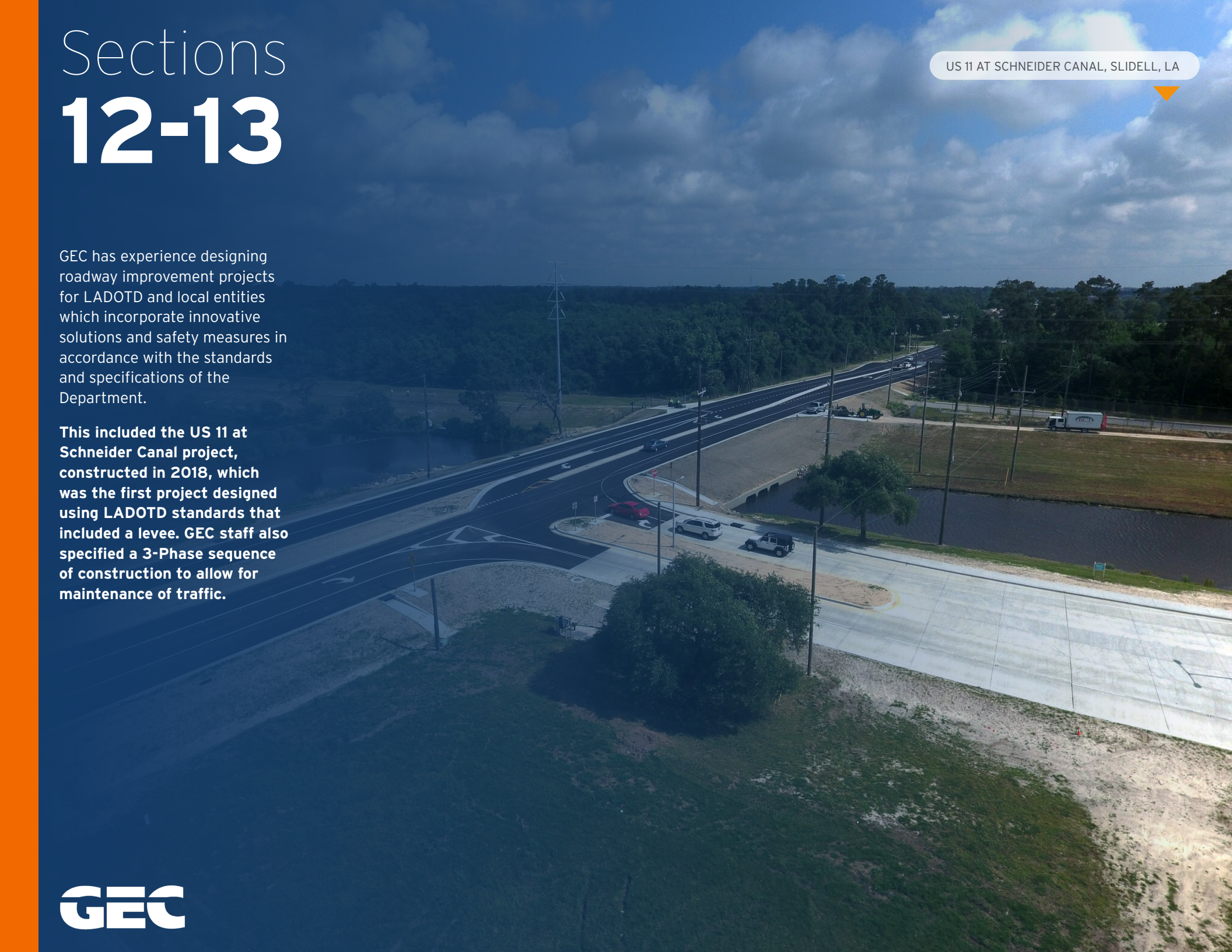
1. Contract title as shown in the advertisement	**IDIQ CONTRACT FOR ROADWAY DESIGN SERVICES STATEWIDE**
2. Contract number(s) as shown in the advertisement	4400024927 and 4400024928
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	**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
10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.	Signature (shall be the same person as #9):  Date: October 4, 2022

11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.	Firm(s):	Firm(s)' %
	Vectura Consulting Services, LLC	**19%**
	APS Engineering & Testing, LLC	**1%**

Sections 12-13

GEC has experience designing roadway improvement projects for LADOTD and local entities which incorporate innovative solutions and safety measures in accordance with the standards and specifications of the Department.

This included the US 11 at Schneider Canal project, constructed in 2018, which was the first project designed using LADOTD standards that included a levee. GEC staff also specified a 3-Phase sequence of construction to allow for maintenance of traffic.



12. Past Performance Evaluation Discipline Table

Evaluation Discipline	% of Overall Contract	G.E.C., Inc. (GEC) **(Prime)**	Forte and Tablada, Inc.	DBE FIRM Vectura Consulting Services, LLC	DBE FIRM APS Engineering & Testing, LLC
Road	70%	85%	15%		
Survey	10%		100%		
Traffic	19%			100%	
Geotech	1%				100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.					
Percent of Contract	100%	59.5%	20.5%	19%	1%

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	3	3
	Engineer	5	7
	Supervisor-Engineer	5	8
	Engineer Intern	2	3
	Technician	1	1
	Inspector - Lead	3	8
	Inspector - Certified	3	5
	CADD-Operator	2	4
	CADD-Technician	1	2
Vectura Consulting Services, LLC	Supervisor	2	2
	Engineer	3	5
A P S	Engineer	3	3
	Engineer Intern	3	3
	Driller	8	8
	Technician	12	12
	Clerical	2	2
Forte and Tablada, Inc.	Engineer	4	15
	Engineer Intern	1	8
	Technician	2	11
	Surveyor	4	6
	Party Chief	3	8

Sections 14-17

The GEC Team, supported by Forte and Tablada, Vectura, and APS, includes licensed surveyors, engineers, and professionals experienced with completing preliminary and final plans for LADOTD road design projects.

Current GEC staff is providing 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.

I-10 & I-12 COLLEGE DR. FLYOVER RAMP DESIGN-BUILD PROJECT, BATON ROUGE, LA

14. Organizational Chart

CONTRACT NO. 44-24927 and 44-24928
IDIQ Contract for Roadway Design Services, Statewide

LEGEND

(#) Fulfills MPR
* LTRC Modules 1-3 Training
[1] Work Zone Training

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 / certification & number	State of license	License / certification expiration date
1	Cary Bourgeois, PE	GEC	PE No. 23414 (Civil)	Louisiana	09/30/2023
2	Cary Bourgeois, PE	GEC	PE No. 23414 (Civil)	Louisiana	09/30/2023
2	Jerome Lohmann, PE	GEC	PE No. 24673 (Civil)	Louisiana	09/30/2024
3	Jerome Lohmann, PE	GEC	PE No. 24673 (Civil)	Louisiana	09/30/2024
4	Bradley S. Holleman, PE, PLS	FORTE & TABLADA	PLS No. 5082	Louisiana	09/30/2024
5	Sheelagh Brin Ferlito, PE, PTOE	VECTURA CONSULTING SERVICES, LLC	PE No. 25383 (Civil) PTOE No. 932	Louisiana	09/30/2023 09/09/2024
5	Laurence Lambert, PE, PTOE, PTP	VECTURA CONSULTING SERVICES, LLC	PE No. 29901 (Civil) PTOE No. 1303	Louisiana	03/31/2024 02/03/2025

16. Staff Experience

Firm employed by	**G.E.C., Inc.**		
Name	**Sherri LeBas, PE**	Years of relevant experience with this employer	6
Title	Senior Vice President	Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization	B.S. / 1985 / Civil Engineering		
Active registration number / state / expiration date	23844 / Louisiana / 03-31-2023		
Year registered	1990	Discipline	Professional Engineer, Civil & Environmental
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 time specified in the applicable MPR(s).
 ***As a former LADOTD Secretary, Sherri provides guidance for all of GEC's LADOTD design projects.***	*Ms. LeBas is a Senior Vice President of GEC. She is a professional civil engineer with 36 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 providing services for LADOTD, City of Kenner, City of New Orleans, East Baton Rouge Parish and St. Tammany Parish. Ms. LeBas also meets with elected officials and other stakeholders discussing 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.*
09/20-Present	**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 CMAR project, leading the development and annual updates of the Design Quality Manual, Project Management Plan, Initial Financial Plan, Project Implementation Plan and document control. Ms. LeBas is managing the Community Connections/ Context Sensitive Solutions process which includes meetings with stakeholders and public outreach. In addition, Ms. LeBas provides management oversight of the design elements being designed by GEC engineers which include lighting (roadway and enhancement), retaining wall, bridge, and noisewalls and **coordination with roadway and overall design elements**.
08/20-Present	**H.013897 / I-10 & I-12 COLLEGE DRIVE FLYOVER RAMP DESIGN-BUILD: Baton Rouge, Louisiana.** *Quality Design Manager* - Ms. LeBas is providing management of the quality design reviews for the GEC/Boh Bros. team. GEC is responsible for engineering design and **quality reviews for roadway**, drainage, bridge, noise walls, traffic management plans, intelligent transportation systems, and lighting.
2016-Present	**ROAD TRANSFER PROGRAM MANAGEMENT: Statewide, LA.** *Principal-in-Charge* - Ms. LeBas serves as a resource to GEC's Program Manager of the 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.
03/10 – 01/16	**LADOTD: Baton Rouge, LA.** *Secretary* - Ms. LeBas set the vision & led LADOTD in the delivery of the $1.8 B annual transportation infrastructure capital & operating program. She developed & discussed transportation policy, issues, feedback, future planning with stakeholders, media, citizens & local, state & national public & elected officials. She pursued & obtained funding working with state & federal officials. 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 Ms. LeBas's 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 which included aesthetic features such as the locally designed column motifs and decorative lighting; LA 1 from Leeville to Fourchon TIFIA refinancing; D-B projects on I-12 in Livingston Parish; & two D-B Interchange projects on US 90 (Future I-49).

05/05 – 03/10	**LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT (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 which 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 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 of 50% of the funding obligated within 6 months and the remainder within a year.
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 the Assistant TIMED Program Manager for the $5.2 Billion Program. She was responsible for the financials working with LADOTD administration, LADOTD staff and consultant. This included reviewing the program changes, change orders, and total program costs from design through construction. She assisted in the coordination and management of the consultant's plan delivery and construction schedule.
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.
09/95 – 05/97	**ESTHERWOOD CANAL BRIDGE, LA 1124 (STATE PROJECT NUMBER 801-22-0007): Acadia Parish, LA.** *Project Design Supervisor LADOTD Road Design Section* - Ms. LeBas served as the **road design engineer supervisor** for the in-house design of the project. The design included all design aspects of a bridge replacement project including drainage, typical sections, horizontal and vertical alignment, cross sections, quantity calculations, summary of estimated quantities in accordance with LADOTD standard specifications.
04/95 – 01/98	**US 165 (I-10 TO WOODWORTH)(STATE PROJECT NUMBER 014-02: 0020-0023|014-03: 0022, 0023, 0027, 0028|014-04: 0028, 0029, 0032|014-05: 0017, 0018, 0020, 0021, 0031): Jefferson Davis, Allen, and Rapides Parish, LA.** *Project Manager LADOTD Road Design Section* - Ms. LeBas served as the project manager for the consultant designed expanded line and grade plans for the addition of two lanes to the existing roadway which encompassed 16 roadway segments. She negotiated contracts, developed the plan development schedule, reviewed the plan in hand design plans and coordinated review comments with other LADOTD sections. She attended all of the plan in hand field visits for each segment, coordinating and addressing all comments for incorporation into the plans.
07/88 – 08/97	**I-49 SHREVEPORT URBAN INTERSTATE (INNER LOOP EXPRESSWAY (LA 3132) TO THE I-49/I-20 INTERCHANGE) (STATE PROJECT NUMBERS 455-08: 0013, 0015, 0016, 0017, 0018, 0019, 0020, 0021, 0022, 0023, 0024, 0025, 0028, 0030, 0033, 0034, & 0037): Caddo Parish, LA.** *Project Manager LADOTD Road Design* - Ms. LeBas served as Project Manager responsible for scope, schedule & budget, design plans, specifications, & estimate (PS&E) of new interstate (I-49) through Shreveport Urban area which at this time was the largest roadway program at LADOTD. During construction, Ms. LeBas worked closely with District Construction Engineers to resolve issues. She was responsible for checking roadway design plans & coordinating plan reviews with other LADOTD sections. Ms. LeBas prepared the summary of estimated quantities and assisted in the development of special specifications required. She designed & developed the sequence of construction for the I-49/I-20 interchange which included new concept to LA to use concrete barriers to separate lanes of interstate traffic during construction. She also met with property owners within the corridor to discuss driveway access, modifications, and concerns.

Firm employed by	**G.E.C., Inc.**		
Name	**Cary Bourgeois, PE**	Years of relevant experience with this employer	36
Title	Senior Vice President	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization	B.S. / 1983 / Civil Engineering		
Active registration number / state / expiration date	23414 / Louisiana / 09-30-2023		
Year registered 1989	Discipline: Civil		
Contract role(s) / brief description of responsibilities	Role on this Project: **Principal-in-Charge**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
	 **As Senior VP of Engineering, Cary provides design guidance on all engineering projects.**
	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 36 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.
SECTION 17 PROJECT 06/17-12/21	**H.003074, I-10 WIDENING, WILLIAMS TO VETERANS: Jefferson Parish, LA.** *Principal-in-Charge/QA/QC* - Mr. Bourgeois oversaw road design in accordance with **LADOTD'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.
SECTION 17 PROJECT 2019-Present	**LASAFE AIRLINE AND MAIN COMPLETE STREETS: Laplace, LA.** *Principal-in-Charge/QA/QC* - This project consists of design of a 10' shared use path, 5' sidewalk along the north side of US 90, bike lanes on shoulders, and softening of the median 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. Along Main St., 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.
SECTION 17 PROJECT 09/20-Present	**BLUEBONNET BLVD. (PERKINS TO PICARDY): Baton Rouge, LA.** *Principal-in-Charge/QA/QC* - GEC is designing the **widening of Bluebonnet Blvd.** to include an additional lane in each direction. Mr. Bourgeois oversaw an investigation of the existing bridge over Dawson Creek to determine whether the bridge should be widened or replaced in accordance with Part 1, Chapter 6 of the LADOTD BDEM. This investigation started with an NBIS bridge inspection to determine Condition Ratings for the bridge superstructure, substructure, and piles. A Bridge Load Rating was then carried out based on the AASHTO Manual of Bridge Evaluation and the LADOTD BDEM. Based on the load rating, GEC recommended that the existing bridge be replaced. He also oversaw the preliminary design for the replacement bridge as well as the design study for a six-lane, curb and gutter roadway with pedestrian facilities and subsurface drainage.
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.

04/19-12/21	**H.013542 / CHEVELLE AND SARASOTA DRIVE BRIDGE REPLACEMENTS: Baton Rouge, LA.** *Principal-in-Charge* - GEC performed a Design Study, including hydraulics, environmental, and geotechnical considerations, overseeing topographic survey and Right-of-Way (ROW) Mapping as required; developing preliminary and final construction plans and cost estimates. GEC will oversee construction phase services and preparation of an as-designed load rating for the bridge according to LADOTD criteria. The project includes the replacement of the existing Chevelle Drive Bridge over the West Fork of the North Branch of Ward Creek and the existing Sarasota Drive Bridge over Engineers Depot Canal, both located in Baton Rouge, LA.
03/95-06/10	**450-15-0089 / ROUTE I-10, CAUSEWAY BLVD TO 17TH STREET CANAL: Metairie, LA.** *Project Manager/Engineer*-of-Record/Structural Engineer - 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.
SECTION 17 PROJECT 02/19-Present	**MID-CITY RR126 GROUP C, RR127 GROUP D, AND RR128 GROUP E: New Orleans, LA.** *Principal in Charge* - GEC is preparing plans, specifications, and estimates for the **removal and replacement of an existing asphalt and concrete pavement** and drainage structures, as well as replacement of waterline and sewer main. Tasks include horizontal and vertical geometry, subsurface drainage design, and cross section development. Mr. Bourgeois oversees GEC's design services as principal in charge.
1991-1997	**ROUTE I-12, I-10 FROM ACADIAN THRUWAY TO U.S. 61 (S.P. NO. 700-28-0004): Baton Rouge, LA.** *Project Manager* - This project consisted of the rebuilding and widening while under traffic of 2.2 miles of urban interstate highway with roadway and bridges. The bridges consist of AASHTO pre-stressed concrete girders (50' to 90' spans) and steel plate girders (135' to 180' spans). The project also required bridge feasibility and drainage studies.
03/91-Present	**GNOEC LAKE PONTCHARTRAIN CAUSEWAY, CONSULTING ENGINEER: St Tammany and Jefferson Parishes, LA.** *Principal-in-Charge* - 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. The Legacy Toll Collection System was installed in 1994 under GNOEC Project I & IIC – North Shore Toll Plaza Improvements. The 1994 Legacy Toll Collection System expanded the North Toll Plaza from 3 lanes to 4 lanes and replaced all Automatic Vehicle Classification (AVC) & Automatic Vehicle Identification (AVI) equipment, installed a new toll booth in lane 4, retrofitted the original toll booths in lanes 1-3 and installed Weigh-In-Motion in lanes 1 & 2. In addition to the original design and installation GEC and Mr. Bourgeois has been involved in the operations and maintenance of the Legacy Toll Collection System and planning for its soon to be completed replacement.
07/09-06/12	**U.S. ARMY CORPS OF ENGINEERS, LAKE PONTCHARTRAIN, LOUISIANA AND VICINITY, HURRICANE PROTECTION PROJECT LPV 17.2, BRIDGE ABUTMENT AND FLOODWALL TIE-INS AT CAUSEWAY BRIDGE: Metairie, LA.** *Overall Project Manager* - This project was located in Jefferson Parish, Louisiana and was part of the Lake Pontchartrain and Vicinity, New Orleans, Louisiana, Hurricane Protection Project. This reach consisted of levees, floodwalls, crib walls, Causeway Boulevard and other miscellaneous access points. The designs were intended to 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.
1997-2012	**ROUTE I-12, ESSEN LANE INTERCHANGE (S.P. NO. 454-01-0051 AND 258-32-0016): Baton Rouge, LA.** *Project Manager* - This project consists of the installation of on and off ramps to complete the I 12/Essen Lane Interchange. The off ramp consists of a 1,200' long eight-span bridge with continuous curved steel girder units. The project would also involve the construction of sound barriers.

Firm employed by	**G.E.C., Inc.**		
Name	**Jerome Lohmann, PE**	Years of relevant experience with this employer	6
Title	Senior Project Manager	Years of relevant experience with other employer(s)	32
Degree(s) / Years / Specialization	B.S. / 1984 / Civil Engineering; A.A.S / 1977 / Surveying		
Active registration number / state / expiration date	24673 / Louisiana / 09-30-2024		
Year registered 1992	Discipline: Professional Engineer, Civil		
Contract role(s) / brief description of responsibilities	Role on this Project: **Project Manager, 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 time specified in the applicable MPR(s).
	 **Jerome has dedicated his 38 year career to the preparation, development, and management of LADOTD and municipal roadway projects throughout Louisiana**
	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. Mr. Lohmann 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. He will apply this vast knowledge to the management of task orders as needed on this IDIQ contract as Project Manager/Design Engineer, supported by a team of engineers, engineer interns, CADD technicians, and administrative staff. ***Mr. Lohmann served as Project Manager on all five GEC projects included in Section 17 of this response.***
SECTION 17 PROJECT 09/20-Present	**BLUEBONNET BLVD. (PERKINS TO PICARDY): Baton Rouge, LA.** *Project Manager* - GEC is **designing the widening of Bluebonnet Blvd.** to include an additional lane in each direction. Mr. Lohmann is Project Manager, overseeing design of a six-lane, curb and gutter roadway with subsurface drainage, bridge replacement, green infrastructure 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 to determine whether the bridge should be widened or replaced in accordance with Part 1, Chapter 6 of the LADOTD BDEM. This study 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. This project included a level 2 TMP.
SECTION 17 PROJECT 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).
SECTION 17 PROJECT 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.
SECTION 17 PROJECT 09/19-present	**LASAFE-AIRLINE AND MAIN COMPLETE STREETS: LaPlace, LA.** *Project Manager* - Mr. Lohmann managed the development of typical sections and preliminary layout for the project in accordance with **LADOTD's Roadway Design Procedures and Details Manual**, which consists of a 10' and 5' sidewalk along the north side of US 61. Existing ditches will have pipes added and be reshaped to provide detention ponds to reduce time of concentration. Along Main St., the design will provide parallel parking utilizing decorative brick and permeable base to reduce time of concentration. Mr. Lohmann oversaw the calculation of preliminary quantities and development of a preliminary estimated construction cost. He proposed the conceptual design to the Parish and received approval. He also oversaw development of the fee for all costs. The project is currently under construction.
SECTION 17 PROJECT 11/15-08/16	**H.011435 / US 11 IMPROVEMENTS AT SCHNEIDER CANAL: Slidell, LA.** *Project Manager* - The project elevated US 11 at the levee so that ongoing construction of the levee (in separate projects by the Parish) could continue beyond this point without a break in flood protection at the highway. The **road section is a divided two-lane raised median with full-width shoulders and curb & gutter drainage**. 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).
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.
2002-2013	**700-99-0266 / TIMED PROGRAM PROJECT MANAGEMENT: Statewide, LA.** *Design Segment Manager* - Mr. Lohmann was responsible for **taking over 8 LADOTD TIMED projects at different stages of completion and coordinated all preconstruction activities through letting**. His duties included overseeing the Contract Design Consultant (CDC), justifying contract changes, **design review**, managing plan in hand inspections, **ensuring that the CDC used current DOTD Standards and Standard Plans and pay items** and resolving day to day problems, along with budgeting.
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**.
07/95 -11/03	**817-09-0028 / OLD HAMMOND HIGHWAY (US 61 TO BLVD. DE PROVINCE), ROUTE LA 426: Baton Rouge, LA.** *Project Engineer* - This project consisted of an Environmental Assessment (EA) or Finding of No Significant Impact (FONSI), right-of-way acquisition, preliminary plans, final plans, and utility relocation for the **widening of LA 426 to a 5-lane urban section** for approximately 3.9 km (2.4 miles) and a complete topographic survey using total station and data collectors along with right-of-way maps. The Urban Roadway consisted of four travel lanes and one continuous turn lane with curb and gutter and subsurface drainage. The project also included design of several major and minor intersections. Mr. Lohmann was responsible for EA management, survey management, design of **preliminary and final plans** and management of the right of way acquisition and relocation. This project included a level 2 Transportation Management Plan (TMP).
1992-1993	**056-07-0010 / E. CRESSWELL ST. EXT., LA 31: Opelousas, LA.** *Project Engineer* - Mr. Lohmann's responsibilities included geometrics, earthwork, drainage, sequence of construction, summary of estimated quantities, and cost estimate for **preliminary and final plans** on approximately 1 mile of roadway consisting of four 12' travel lanes and one 14' continuous turn lane on a new alignment with minor subsurface drainage and a **level 2 TMP**.

Firm employed by	**G.E.C., Inc.**		
Name	**Christopher Nipper, PE**	Years of relevant experience with this employer	5
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 / 09-31-2023		
Year registered 2019	Discipline: Professional Engineer, Civil		
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 time specified in the applicable MPR(s).
 **Chris has more than 7 years of experience with LADOTD standards and specifications for road design projects.**	*Mr. Nipper has 7 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. Mr. Nipper 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.*
06/17-Present **SECTION 17 PROJECT**	**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 90% complete.
02/20-Present	**H.013897, I-10 & I-12 COLLEGE DR FLYOVER RAMP DESIGN-BUILD PROJECT: East Baton Rouge Parish, LA.** *Roadway Design* - Mr. Nipper 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 Project. **Design is in accordance with Louisiana Standard Specifications for Highways and Bridges and LADOTD's Roadway Design Procedures and Details Manual.**
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.
09/19-Present **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 would accommodate pedestrians and bicyclists. 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. 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.**

04/19-05/20	**H.013542 / CHEVELLE DRIVE AND SARASOTA DRIVE BRIDGE REPLACEMENTS: East Baton Rouge Parish, LA.** *Design Engineer* - Mr. Nipper provided all investigations, preliminary plans, and preparation of final construction contract plans for the replacement of the Chevelle Drive and Sarasota Drive Bridges in East Baton Rouge Parish. Mr. Nipper provided the horizontal and vertical alignments, calculated the quantities, and prepared the cost estimate for both bridge sites. He also performed a **hydraulic analysis and prepared a hydraulics report** for each bridge.
SECTION 17 PROJECT 09/20-Present	**BLUEBONNET BLVD. (PERKINS TO PICARDY): Baton Rouge, LA.** *Road Design Engineer* - GEC is designing the widening of Bluebonnet Blvd. to include an additional lane in each direction. 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. (City-Parish Project No. 19-CP-HC-0034)
09/19-Present	**WEST TAMMANY HILLS DRAINAGE: Covington, LA.** *Project Engineer* - Mr. Nipper has assisted in the delineation of **drainage maps and hydraulic calculations**. He was involved in the design of the subsurface drainage systems and the roadway rehabilitation design. He also assisted in the development of the construction plans and associated quantities.
06/20-10/20	**US HWY 190 DRAINAGE CROSSING: Livingston Parish, LA.** *Road Design Engineer* - This project involved the design of a concrete box culvert cross drain. This cross drain was being added alongside an existing box culvert in order to assist with drainage to alleviate backwater flooding. Mr. Nipper calculated the quantities and developed the construction plan documents. Mr. Nipper also assisted in the **drainage analysis** and design of the concrete box culvert.
2018	**GREENWOOD MULTI-USE TRAIL: East Baton Rouge Parish, LA.** *QA/QC* - This project involved the design of a **multi-use path** in a BREC park. Mr. Nipper was involved in the QA/QC of this project and reviewed plans and quantities.
09/17-12/18	**CAMP COUSHATTA ROAD IMPROVEMENTS: Allen Parish, LA.** *Designer* - This project involved the **design of a new road** for the Coushatta Tribe of Louisiana. Mr. Nipper was the designer of the road, drainage structures/systems, and all associated quantities, and the creator of the construction plan set. The road consisted of two 11' lanes, with 3 foot outside aggregate shoulders, and ditches on both sides. A subsurface drainage system was designed that tied into an existing subsurface system. Two reinforced concrete box culverts were designed to facilitate the flow of local canals through the new roadway, and one of the canals was realigned. Mr. Nipper calculated the quantities and estimated costs associated with the road and drainage systems.
2016-2017	**LA 990, 6TH-ED LEJEUNE (OVERLAY-DRAINAGE): West Baton Rouge Parish, LA.** *Designer* - Mr. Nipper's project involved the **milling and overlaying of the existing road**, replacing the existing subsurface drainage system to bring it up to current standards, and extending the existing subsurface drainage system. This project required the analysis of the local drainage areas. Mr. Nipper assisted in designing a subsurface drainage system using the collected data from the drainage areas. He computed quantities for the milling/overlaying and the drainage system. The drainage system was designed according to the current LA DOTD standards and guidelines.
06/17-10/18	**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 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.
2016-Present	**POWER BLVD. MEDIAN IMPROVEMENTS: Kenner, LA.** *Road Design Engineer* - This project is a **shared-use path** beginning at W. Esplanade Avenue and ending at Vintage Drive. A 12'-wide concrete shared use path will replace an existing 6'-width path. The wider section allows for a greater level of service that comfortably accommodates bi-directional pedestrian and bicycle use. In addition to the completed concrete path, the project will feature improved pedestrian lighting, a new steel bridge for pedestrians and bicyclists, seating, landscaping, irrigation, donated art, striping, signage, and more. This project connects to the recently completed Erlanger shared use path. Mr. Nipper's responsibilities included completion of **construction plans** for the shared use path including QA/QC of horizontal and vertical geometry, typical sections, construction phasing, signing and striping and estimated quantities.

Firm employed by	**G.E.C., Inc.**		
Name	**Logan Michel, PE**	Years of relevant experience with this employer	<1
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 / 03-31-2024		
Year registered 2019	Discipline: Professional Engineer, Civil		
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 time specified in the applicable MPR(s).
 **Logan has 7 years of experience with road design for DOTD projects**	*Logan Michel, PE has joined GEC's Engineering group with 7 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 oversite 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, DOTD's Roadway Design Procedures and Details Manual, DOTD's Minimum Design Guidelines , Roadside Design Guide, and Hydraulics Manual.*
SECTION 17 PROJECT 08/22-Present	**MID-CITY RR126 GROUP C, RR127 GROUP D, AND RR128 GROUP E: 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. Michel is providing project design services.
SECTION 17 PROJECT 08/22-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. Michel is reviewing GEC's **final plans** which are more than 90% complete in **accordance with LADOTD's Roadway Design Procedures and Details Manual**.
10/18-10/21	**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.
03/16-08/19	**H.001679.6 / LA 146 BRIDGES NEAR VIENNA: Lincoln Parish, LA.** *Project Engineer* - This multiple site project included replacing three deficient bridges on LA 146 on the existing horizontal alignment with 4-8'X8' reinforced box culverts, 4-7'X6' reinforced box culverts, and a new slab span bridge. Mr. Michel's responsibilities included all engineering design for civil roadway aspects including plan preparation and production; design of vertical alignment and superelevation based on **LADOTD's Minimum Design Guidelines and Roadside Design Guide**, drainage and guardrail design; design of an overlay section; signage and detour layout; crash data study; cost analysis and estimation.
07/17-11/19	**LA 532 OVER I-20 BRIDGE REPLACEMENT: Webster Parish, LA.** *Project Engineer* - This project consisted of replacing a deficient bridge on LA 532 over Interstate 20 onto a new horizontal alignment using phase construction so traffic flow can be maintained throughout the project including all necessary widening and interchange modifications. Portions of the side roads and the ramps connecting LA 532 to I-20 had to be re-designed because LA 532's geometrics changed. Mr. Michel's responsibilities included plan production; the design of vertical and horizontal geometry based on **LADOTD's Minimum Design Guidelines and Roadside Design Guide**; ramp and overlay design; superelevation design; urban drainage design; signage and detour layout; and cost estimation.

Firm employed by	**G.E.C., Inc.**		
Name	**Bliss Bernard, PE**	Years of relevant experience with this employer	<1
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 / 03-31-2023		
Year registered 2018	Discipline: Professional Engineer, Civil		
Contract role(s) / brief description of responsibilities	Role on this Project: **Road Design, Drainge, Environmental Coordination**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
 ***Bliss has 9 years of experience with environmental projects***	*Mrs. Bernard is a licensed Professional Engineer, experienced with a range of engineering projects including roadway design, environmental planning, water resources (open channel, sub-surface, floodplain mapping, and numerical modeling), coastal/habitat restoration, and traffic engineering. She has has extensive knowledge of NEPA regulations and has served as the Project Manager on several Environmental Assessments and Environmental Impact Statements for federal and state agencies, including LADOTD, FHWA, USDA, NRCS, USACE, NPS, NRDA, LATIG, and CPRA. Mrs. Bernard has also assisted in processing numerous environmental permits and documents for local, state, and federal agencies, such as LADOTD, the U.S. Army Corps of Engineers (USACE), the Coastal Protection and Restoration Authority (CPRA), the U.S. Coast Guard (USCG), Louisiana and Federal Fish and Wildlife Departments, and other countless agencies. 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.*
01/16-04/17	**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.
05/17-05/20	**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 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 FONSIs developed in partnership with LADOTD.
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.

Firm employed by	**G.E.C., Inc.**
Name	**Bliss Bernard, PE** *Continued Resume*
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.
11/19-01/22	**2019, 2020, 2021 ASPHALT OVERLAY PROJECT: Carencro, LA.** *Project Manager/QAQC Manager* - Mrs. Bernard served as an engineer for the City of Carencro to develop plans and specifications for the 2019, 2020, and 2021 Asphalt Overlay Program. The project consists of over 11 miles of mill and overlay, patching, and reconstruction of roadway throughout the city. Mrs. Bernard provided project management and performed quality control reviews for all project submittals.
05/17-03/22	**H.009932 US 80 WIDENING, VANCIL ROAD TO WELL ROAD ENVIRONMENTAL ASSESSMENT: Ouachita Parish, LA.** *Project Manager* - Mrs. Bernard served as project manager and was a member of prime consultant team to **develop the EA**. She analyzed project impacts by coordinating and assisting in developing various technical studies, including line & grade study, GIS mapping, phase 1 EA, and air & noise impact studies. She prepared reports, presentations, postcard mailers, and other documents for stakeholder & community outreach and worked directly with LADOTD on public outreach via the web. She hosted one of the first LADOTD virtual public meetings held completely online following the COVID-19 pandemic, which required adapting many of the standard procedures for the meeting for a social-distance-friendly platform. Through the compilation of all studies required by NEPA and public and agency involvement, she developed the draft EA Report.
06/15-05/17	**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.
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.
01/20-12/21	**H.002297 LA 37 (SULLIVAN ROAD TO LIBERTY ROAD): East Baton Rouge Parish, LA.** *Project Manager* - Mrs. Bernard served as the Project Manager and was the engineer-of-record responsible for managing and providing all **engineering, environmental, and planning services required to determine necessary improvements along the corridor**. In Phase 1, she was responsible for performing project research, establishing design criteria in accordance with LADOTD, and overseeing concept development and evaluation for roadway alternatives, based upon a traffic study. In Phase 2, she was engineer-of-record, preparing the Stage 0 Feasibility Study & Environmental Inventory to examine feasibility of improving mobility and operations. She evaluated alternatives and presented findings to LADOTD to select 3 preferred alternatives for 3 segments along LA 37. Upon completion of alternatives traffic study, she was responsible for environmental documentation and developed final signed and sealed Stage 0 Feasibility Report including Stage 0 Checklist, Environmental Checklist, roadway engineering plans, and opinion of probable cost.

Firm employed by	**G.E.C., Inc.**		
Name	**Jonathan Philley, EI**	Years of relevant experience with this employer	1
Title	Road Design	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 / 03-31-2024		
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 time specified in the applicable MPR(s).
 **Jonathan has 4 years of road design experience**	*Mr. Philley has 4 years of experience with many projects, including roadway widening and realignment. In addition, he has designed drainage systems and milling and overlay. As engineer intern in GEC's Roadway Division, Mr. Philley assists in the preparation of preliminary plans and cost estimates for the design and development of construction plans for roadway improvement projects. He has experience with providing hydraulic analysis and design of drainage features on roadway construction projects in accordance with the current edition of DOTD's Hydraulics Manual, the Louisiana Standard Specifications for Highways and Bridges, and LADOTD's Roadway Design Procedures and Details Manual. He is also very familiar with AASHTO standards and guidelines, EDSM I.1.1.11, Guidance for PRR Projects, 3R Minimum Design Guidelines, DOTD Pavement PRR Minimum Design Guidelines, DOTD Minimum Design Guidelines, 23 CFR 625, Design Standards for Highways and the current DOTD Design Guidelines for Preservation Projects.*
04/21-Present	**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).
03/22-Present	**LA 45 DRAINAGE IMPROVEMENTS: St Tammany 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).
SECTION 17 PROJECT 04/21-Present	**LASAFE 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, currently under construction, which **utilized the LADOTD Roadway Design Procedures and Details Manual**.
SECTION 17 PROJECT 04/21-Present	**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)
2017-2018	**TURKEY CREEK ROAD: Oktibbeha County, MS.** *Designer* - This project involved full depth reclamation of the existing road, adding cement to the **new subgrade and new asphalt road**. This project required calculating subgrade volume. It required designing superelevation for the curves being realigned with consideration to the nearby intersection. The new road was designed with the current MDOT standards and guidelines.

Firm employed by	**G.E.C., Inc.**		
Name	**Brandon Abbott, EI**	Years of relevant experience with this employer	<1
Title	Engineer Intern	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		B.S. / 2020 / Civil Engineering	
Active registration number / state / expiration date		34820 / Louisiana / 09-30-2023	
Year registered	2021	Discipline	Engineer Intern
Contract role(s) / brief description of responsibilities		Role on this Project: **Road Design, Drainage**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
 **Brandon has 2 years of experience with road projects**	*Brandon Abbott, EI is a 2020 Civil Engineering graduate and former Healthcare Sargent with the United States Army, who has joined GEC's transportation group.His previous experience includes performing design tasks such as horizontal and vertical alignments, pavement design, quantity and drainage calculations and watershed delineations. He has assisted with the design of over 90 bridges across Louisiana on LADOTD projects. He also assisted with several governmental projects involving pipeline design/improvements and geotechnical solutions regarding pipeline installations. He has handled cost estimations, report/document/project tracking, site project visits, invoice agreement verification and building permit applications. He is proficient in AutoCAD Civil 3D, Microstation V8i, and HEC-RAS / HEC-HMS. Mr. Abbott has completed the Traffic Engineering Analysis Process and Report Modules 1-3. He has experience developing Transportation Management Plans for roadway construction projects and is familiar with the current editions of LADOTD's Louisiana Standard Specifications for Highways and Bridges, DOTD's Roadway Design Procedures and Details Manual, Bridge Design Manual, and Hydraulics Manual.*
08/22-Present	**SHARP ROAD: Mandeville, LA.** *Engineer Intern* - Mr. Abbott is assisting with the preparation of **preliminary and final construction plans for roadway improvements, subsurface drainage installation, and sidewalk construction**.
SECTION 17 PROJECT 08/22-Present	**MID-CITY RR126 GROUP C, RR127 GROUP D, AND RR128 GROUP E: 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. Abbott is providing design assistance.
SECTION 17 PROJECT 08/22-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. Abbott is reviewing GEC's **final plans** which are more than 90% complete in **accordance with LADOTD's Roadway Design Procedures and Details Manual**.
08/22-Present	**WEST TAMMANY HILLS DRAINAGE: Covington, LA.** *Engineer Intern* - Mr. Abbott is assisting with the development of a drainage report, along with plans for the installation of subsurface drainage for the residential area north of the Crestwood Subdivision in Covington.
02/22-08/22	**NORTH CANAL DRAINAGE IMPROVEMENT PROJECT: Baker, LA.** *Engineer Intern* - Assisted in the creation of plan sets and design components for the improvement of the drainage system for North Canal in Baker, LA. Conducted a cost analysis for all design aspects and construction costs. Assisted in the Benefit-Cost Analysis under supervision of a senior project engineer.
02/22-08/22	**BOZEMAN CREEK DRAINAGE PROJECT: Baker, LA.** *Engineer Intern* - Conducted a cost analysis for all design aspects and construction costs. Assisted in the Benefit-Cost Analysis under supervision of a senior project engineer.
02/22-08/22	**BRUSHY CREEK DRAINAGE PROJECT: Baker, LA.** *Engineer Intern* - Conducted a cost analysis for all design aspects and construction costs. Assisted in the Benefit-Cost Analysis under supervision of a senior project engineer.
02/22-08/22	**UPPER WEST FORK CYPRESS BAYOU NO. 1, 2, & 3: Plain Dealing, LA.** *Engineer Intern* - Determined the Economic Impact of the project using guidance from FEMA and NRCS
04/22-06/22	**HANKS DRIVE SIDEWALKS – PHASE 2: Baton Rouge, LA.** *Engineer Intern* - Assisted in the production of final plans for the project.

Firm employed by	**G.E.C., Inc.**		
Name	**Alejandro "Alex" Flores**	Years of relevant experience with this employer	30
Title	Senior Planner	Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization		M.S. / 2020 / Transportation, B.S. / 2006 / Urban & Regional Planning, A.S. / 1991 / Architectural Engineering, A.S. / 1991 / Civil Engineering	
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**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
 **Alex routinely provides design services for roadway improvement projects**	*Mr. Flores has over 30 years of experience promoting a vision of sustainable urban and regional development and its implementation in community and regional planning projects. He has extensive experience in project design which incorporates safety and connectivity for pedestrians, bicyclists, transit users, and motorists in planned corridors. His experience includes a broad field of practice ranging from large scale master-planned residential projects, mixed-use communities planning and design, to small scale residential developments, incorporating short and long range transportation master planning strategies. His approach to community design and transportation planning is based on the principles of smart growth development to serve the economy, the community and the environment. Mr. Flores has participated in the preparation of Stage 0 Feasibility Studies, and in the design of numerous mixed-use projects in the New Orleans Metropolitan area. The studies and projects addressed the safety improvements and connectivity for people walking, bicycling, and driving and the design of community elements such as streets, drainage sewer and water systems. He has ample experience in detailed site design and industrial master planning, complex urban planning, park creation/restoration, and planning and design of public spaces. He has participated in the implementation of complete streets policy in community development projects, streetscape, roadway maintenance, preservation, and modernization projects.*
SECTION 17 PROJECT 10/19-Present	**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.
05/17-Present	**ST. BERNARD GROUP A, RR165 FEMA CAPITAL IMPROVEMENT PROGRAM: New Orleans, LA.** *Project Manager* - In addition to Project Management, Mr. Flores participated in the design of street **reconstruction, drainage point repairs** and waterline improvements. The tasks performed included preliminary design, final design, bid and award, **construction administration, resident inspection and record drawings**. Presently, the project is in the construction close-out phase. The project consists of 36 blocks. GEC's design was performed in accordance with the General Specifications for Street Paving of City of New Orleans, DPW, and with the New Orleans Sewerage and Water Board specifications. Project ID: RR165 Street Improvements, DPW PW 21032 and Water Replacement Program, SWB PW 21031.
10/24-05/15	**CLEARVIEW PARKWAY TURN LANE IMPROVEMENTS AT MOUNES: Jefferson Parish, LA.** *Project Manager/Designer* - Mr. Flores participated in the **design of roadway widening and left turn lane** to serve southbound traffic on Clearview Parkway at Mounes Street. The tasks performed by Mr. Flores included geometric layout, topographic information coordination, horizontal alignment, utility coordination-relocation, grading plan, storm water pollution prevention plan, plan and profile sheets, joint layout, pavement markings layout, summary sheets, typical sections, notes, special details, Jefferson Parish and LADOTD approvals, suggested sequence of construction and construction administration. The design included modifications to the existing traffic signal and new pavement markings for Clearview Parkway. All design was in accordance with DOTD and AASHTO requirements. The design was reviewed and approved by DOTD. Construction was inspected by and accepted by DOTD.

Firm employed by	**Forte and Tablada, Inc.**		
Name	**Allison Schilling, PE**	Years of relevant experience with this employer	5
Title	Senior Project Manager	Years of relevant experience with other employer(s)	35
Degree(s) / Years / Specialization		B.S. / 1998 / Civil Engineering	
Active registration number / state / expiration date		30265 / Louisiana / 09-30-2024	
Year registered	2002	Discipline	Professional Engineer, Civil
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 time specified in the applicable MPR(s).
01/17-01/18	**US 80 AT OLD BENTON RD. ROUNDABOUT:** Bossier, LA – Developed conceptual layout as well as preliminary and final plans for roundabout at US 80 and Old Benton Rd. in Bossier, LA.
10/18-05/19	**H.000445.1-1- US 190 OVER UPRR AND LITTLE TECHE BAYOU:** St. Landry Parish, LA - Project Engineer for this project that developed a scoping document for the replacement or rehabilitation of the EB and WB US 190 bridges over the Union Pacific Railroad (UPRR) near I-49 and over Little Teche Bayou in St. Landy Parish, LA. Based on the findings, a Bridge Evaluation Report outlining the feasibility and preliminary cost estimates for several construction phasing alternatives, as well as a recommended scope of work, was developed.
09/18-Ongoing	**LA 447 ACCESS MANAGEMENT (I-12 – US 190):** Livingston Parish, LA –Project Manager for this project that developed a conceptual layout for the City of Walker as an alternative to an outdated DOTD study to remove the center turn lane from the five-lane section throughout this heavily traveled commercial corridor.
01/18-12/18	**LA 16 (PETE'S HIGHWAY) AT COOK RD. ROUNDABOUT:** Denham Springs, LA – Worked as part of the F&T team in reviewing the conceptual layout and preliminary design for roundabout at LA 16 and Cook Rd. in Denham Springs, LA. This project completed design phase in January 2022.
01/10-01/12	**MULTIPLE ROUNDABOUT PROJECTS:** Multiple Sites, LA - Project Manager and supervised staff in the design of a roundabout at the intersection of US 190 and LA 434 in Bayou Lacombe, LA. Also worked as District Project Manager for the 3 roundabouts at the I-12 and US 51B interchange in Hammond, LA as well as the roundabout at the intersection of LA 1077 and LA 1085 in Madisonville, LA.
01/08-06/09	**LA 3158 (AIRPORT ROAD AT OLD COVINGTON HWY. ROUNDABOUT):** Developed preliminary and final plans to construct a roundabout at the all-way stop controlled intersection of LA 3158 (Airport Rd.) and Old Covington Hwy. in Hammond, LA. Led a separate project after construction was complete to add landscaping to provide additional visibility of the roundabout.
01/05-03/07	**LA 36/LA 59 (ABITA SPRINGS ROUNDABOUT):** This was the first roundabout constructed in District 62 and only the second one constructed in Louisiana. Mrs. Schilling developed conceptual drawings and presented to the Mayor of Abita Springs and the State Representative for the area for approval. The project involved purchasing a building within the Abita Springs Historic District several public meetings were required. The project involved minimizing impacts to a local park in one quadrant of the intersection, realignment of the Tammany Trace, converting a city street to a one-way street, paving of a gravel city street for maintenance of traffic during construction and realignment of a bank entrance driveway and city street to provide adequate distance from the roundabout. Mrs. Schilling met regularly with the local elected officials and business owners throughout the design of the project to discuss aspects of the project and added numerous improvements to mitigate impacts to the businesses and facilitate the movement of traffic through the area during construction. She also worked closely with FHWA and submitted the project for a FHWA "peer review" to ensure that the roundabout met design criteria used in other states. The project was late used a model in developing DOTD's Context Sensitive Solutions Policy.
01/10-05/12	**COCKERHAM DRIVE IMPROVEMENTS:** Livingston Parish, LA - Project Manager for Preliminary & Final design plans for improvements to Cockerham Road, from Hatchell to Burgess Ave. Improvements included pavement patching & overlay design, hydraulic analysis for installation of storm drain pipe & catch basins, & design of new concrete walkways and drives. This project provided safety & complete street enhancements along Cockerham Drive.

Firm employed by	**Forte and Tablada, Inc.**		
Name	**Chad A. Bacas, P.E., MBA**	Years of relevant experience with this employer	26
Title	Senior Vice President	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization	B.S. / 1995 / Civil Engineering; MBA / 2001 / Business Administration		
Active registration number / state / expiration date	28786 / Louisiana / 09-30-2023		
Year registered	2000	Discipline	Professional Engineer, Civil
Contract role(s) / brief description of responsibilities	Role on this Project: **Survey**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
SECTION 17 PROJECT 05/13-Ongoing	**OLD HAMMOND HIGHWAY- SEGMENT 1:** East Baton Rouge Parish, LA- Project Manager responsible for an environmental study and engineering services to design and construct a four-lane boulevard with a raised median and turn lanes. The study proposed bike lanes on both sides of the roadway and one sidewalk located on the east side of Old Hammond Highway to improve connectivity for cyclists and pedestrians in the area. The project will also include traffic signalizations, utility relocations, testing, lighting, landscaping, right-of-ways, and environmental mitigation.
01/12-Ongoing	**COOK ROAD IMPROVEMENTS:** Livingston Parish, LA – Project Manager for Line and Grade Study, topographic surveying, environmental services, Right-of-Way surveying and Right-of-Way plans, design engineering, and construction plan for the proposed construction of a 4-lane boulevard with sidewalks and subsurface drainage for a connection between Juban Road (LA Hwy 1026) and Pete's Highway (LA Hwy 16). The engineering design was completed in January 2022.
11/18-Ongoing	**NICHOLSON DRIVE (LA 30) SEGMENT 1 (BRIGHTSIDE LANE /WEST LEE TO GOURRIER/BURBANK):** Baton Rouge, LA- Project Engineer for comprehensive engineering services for this project which entails the development of preliminary and final plans to widen Nicholson Drive (La Hwy 30) beginning approximately 1100 feet north of the Brightside Lane/West Lee Dr. intersection to approximately 300 feet south of Burbank Dr./Gourrier Avenue intersection.
01/17-01/19	**BEN HUR ROAD AT NICHOLSON DR. RE-ALIGNMENT:** East Baton Rouge Parish, LA- Project Manager for a design study, final construction plans, surveying services, and right-of-way mapping for a modified intersection configuration that includes Nicholson Drive/LA30 widening and Ben Hur Road realignment.
09/18-Ongoing	**LA 447 ACCESS MANAGEMENT (I-12 – US 190):** Livingston Parish, LA – Developed a conceptual layout for the City of Walker as an alternative to an outdated DOTD study to remove the center turn lane from the five-lane section throughout this heavily traveled commercial corridor. The conceptual layout considered new commercial development including an urgent care center and carwash as well as the new city hall that is under construction on a side road within the corridor.
11/14-12/21	**BUDDY ELLIS ROAD IMPROVEMENTS:** Livingston Parish, LA – Project Manager responsible for Stage 0 service, topographic surveying, environmental, engineering design and construction observation for this project. Construction will include patching, overlay, widening, subsurface drainage (where required for safety), replacement of existing cross drains (where required), and addition of guardrails and pads to an existing concrete bridge. The existing timber bridge will be replaced with a concrete span bridge and guardrails with pads will be added to improve safety. This roadway is a main route to many residences between LA 1026 (Juban Road) and LA 447 (Walker North Road), as well as an alternate route to I-12. This project included CE&I services utilizing the federal/DOTD process.
07/10-03/19	**PLANTATION/ENTERPRISE ROAD OVERLAY:** Livingston Parish, LA - Project Manager responsible for the Stage 0 planning analysis, Preliminary Scope, Budget Checklist, Stage 3 engineering design, construction proposal, and construction engineering and inspection for this project that will allow for a new wider, thicker base and overlay on the northern half and mill, patch, and overlay for the southern half. Both would support higher traffic volumes. Urban Systems completed the traffic counts as a subconsultant. The project length totaled 1.781 miles. This project included CE&I services utilizing the federal/DOTD process.

Firm employed by	**Forte and Tablada, Inc.**		
Name	**Kresten Brown, P.E.**	Years of relevant experience with this employer	11
Title	Project Manager	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		B.S. / 2015 / Civil Engineering	
Active registration number / state / expiration date		39998 / Louisiana / 03-31-2024	
Year registered	2015	Discipline	Professional Engineer, Civil
Contract role(s) / brief description of responsibilities		Role on this Project: **Survey**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
01/15-Ongoing	**COOK ROAD IMPROVEMENTS:** Livingston Parish, LA – Project Engineer and Manager for Line and Grade Study, topographic surveying, environmental services, Right-of-Way surveying and Right-of-Way plans, design engineering, and construction plan for the proposed construction of a 4-lane boulevard with sidewalks and subsurface drainage for a connection between Juban Road (LA Hwy 1026) and Pete's Highway (LA Hwy 16). Design for improvements was compete January 2022.
09/18- Ongoing	**LA 447 ACCESS MANAGEMENT (I-12 – US 190):** Livingston Parish, LA –Project Engineer for this project that developed a conceptual layout for the City of Walker as an alternative to an outdated DOTD study to remove the center turn lane from the five-lane section throughout this heavily traveled commercial corridor.
10/19-09/21	**CITY-WIDE DRAINAGE STUDY AND IMPROVEMENTS:** Walker, LA – Project Engineer for the study of 3 regions within the City known to have significant drainage issues. The project goal was to identify minor issues that can be addressed by City employees as well as begin designing and planning for larger watershed improvement projects.
01/15-Ongoing	**WEST COLYELL CREEK DRAINAGE IMPROVEMENTS:** Livingston Parish, LA- Project Engineer responsible for completing the hydraulic study, preparing bid documents (drawings and specifications), and obtaining all necessary permits to widen and realign the creek. Services will include construction administration services, construction observation, and inspection services for this HMGP funded project.
01/14-01/18	**SOUTH SATSUMA BRIDGE REPLACEMENT:** Livingston Parish, LA- Project Engineer for engineering design services to replace a 100ft wooden span bridge with 140 foot concrete bridge under the Hazard Mitigation Grant Program with Livingston Parish. The bridge was causing upstream flooding during low frequency rain events and needed to be replaced. Forte and Tablada provided topographic surveying, engineering, and hydraulic analysis services for the HMGP bridge replacement as well as construction management services.
06/11-Ongoing	**HOLDEN SIDEWALK PROGRAM:** Livingston Parish, LA- Project engineer for new construction and rehabilitation of existing sidewalks along LA Highway 190 and LA Highway 441. Funded by the LaDOTD Enhancement Fund. Provided Engineering for construction plans and specifications for ADA compliant sidewalk additions and improvements. This project included CE&I services utilizing the federal/DOTD process.
01/13-01/15	**SRTS NORTHSIDE SIDEWALK:** Denham Springs, LA – Project engineer to implement ADA compliant sidewalks and crosswalks on four streets surrounding Northside Elementary School in Denham Springs. This project included CE&I services utilizing the federal/DOTD process.
09/14-Ongoing	**FORREST DELATTE ROAD IMPROVEMENTS:** Livingston Parish, LA- Project Engineer responsible for construction observation and the Stage 0 services including surveying, environmental, and engineering design for the roadway improvements which include patching, overlay, and closed drainage to support higher traffic volumes and lateral support of the pavement.
01/12-01/18	**WALKER INDUSTRIAL PARK, PHASES I, II, AND III:** Walker, LA – Project Engineer assisting with the road design for the rehabilitation and reconstruction of Walker Industrial Park Road Extension Project. Engineer responsible for design conformity and construction administration of the roadway and utility project to extend the existing industrial park roadway through to US 190 to create the industrial park loop.

Firm employed by	**Forte and Tablada, Inc.**		
Name	**Tyler Branch, PE**	Years of relevant experience with this employer	11
Title	Project Manager	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		B.S. / 2012 / Civil Engineering	
Active registration number / state / expiration date		41576 / Louisiana / 09-30-2023	
Year registered	2017	Discipline	Professional Engineer, Civil
Contract role(s) / brief description of responsibilities		Role on this Project: **Survey**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
08/17-12/21	**BENTON LANE IMPROVEMENTS:** Served as the lead designer and project engineer for the road preservation project in Denham Springs, LA (Livingston Parish), designing the alignments, profiles, geometrics, drainage etc.
01/16-01/21	**WHITTINGTON ROAD BRIDGE REPLACEMENTS:** Served as the road designer and performed the hydrologic and hydraulic analysis for existing timber bridge replacement in Livingston Parish.
07/16-Ongoing	**PENDARVIS LANE, PHASE I:** Project Engineer to provide CE&I services for Pendarvis Lane and has bid, selected contractor, held preconstruction meeting, NTP issued, drafted change orders, and started submittal process. Forte and Tablada will provide CE&I services for repairs and improvements to 0.780 miles of road located on Pendarvis Lane from its junction with Three Lakes Drive to its junction with Route LA 447. Items include clearing and grubbing, grading, drainage structures, milling asphalt pavement, pavement patching, pavement widening, asphalt concrete overlay, and related work. This project includes CE&I services utilizing the federal/DOTD process.
01/15-01/22	**COOK ROAD CORRIDOR STUDY:** Served as a road designer for new and extended roadway and sidewalks and performed corridor modeling to determine the amount of required right-of-way for a proposed road extension in Livingston Parish. Performed the construction observation for the completed design.
01/19-12/19	**NEW ORLEANS LAKEFRONT AIRPORT PAVEMENT PRESERVATION:** Served as the lead designer and project engineer for the drainage aspects of the runway overlay project in New Orleans, LA, designing the cross drain and pavement underdrain systems while working in a subconsultant role. Performed the construction observation for the completed design.
01/19-12/19	**BTR AIRPARK BOULEVARD EXTENSION:** Served as the lead designer and project engineer for the $2M± road extension project in East Baton Rouge Parish, designing the alignments, profiles, geometrics, grading, drainage etc., and served as the project engineer during the construction phase of the project attending meetings, reviewing and recommending acceptance of pay applications, finding solutions to problems that arose in the field, coordinating dedication of right-of-way. Performed the construction observation for the completed design.
10/19-12/21	**PEAK LANE IMPROVEMENTS:** Livingston Parish, LA – Served as the lead designer and project engineer for the road preservation project in Walker, LA, designing the alignments, profiles, geometrics, drainage etc. Performed the construction observation for the completed design. This project included CE&I services utilizing the federal/DOTD process.
01/16-12/16	**GEORGE MASHON ROAD AND TRAVIS STREET BRIDGE REPLACEMENTS:** Served as the road designer and performed the hydrologic and hydraulic analysis for existing timber bridge replacements in Livingston Parish.
01/16-12/16	**HOLLY DRIVE BRIDGE REPLACEMENT:** St. Tammany Parish – Served as the road designer and performed the hydrologic and hydraulic analysis for an existing timber bridge replacement in St. Tammany Parish.
01/14-12/14	**OLD HAMMOND HIGHWAY, SEGMENT 1 INTERSECTION DESIGN STUDY:** Served as a road designer and performed the horizontal and vertical design for the proposed intersection improvement and performed the hydrologic and hydraulic analysis for an existing timber bridge replacement as part of the Green Light Plan in the City of Baton Rouge/East Baton Rouge Parish.

Firm employed by	**Forte and Tablada, Inc.**		
Name	**Robert Nodier, EI**	Years of relevant experience with this employer	3
Title	Engineer Intern	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		B.S. / 2019 / Civil Engineering	
Active registration number / state / expiration date		34369 / Louisiana / 09-30-2024	
Year registered	2019	Discipline	Engineer Intern
Contract role(s) / brief description of responsibilities		Role on this Project: **Survey**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
06/19-Ongoing	**LA 30 (NICHOLSON DR.):** Brightside-Gourrier: East Baton Rouge Parish, LA. Served as designer for the roadway and drainage plans for this project, which consists of the removal of ~1.4 miles of 2-lane length of state highway and the construction of a 4-lane concrete roadway with turning lanes as well as pedestrian and drainage improvements. Responsibilities include hydrologic determinations, hydraulic calculations, geometric design, striping design, detour layout, and cost analysis.
06/19-Ongoing	**PENDARVIS LANE IMPROVEMENTS (PHASE I):** Livingston Parish, LA. Developed plans and specs for the milling and overlay of ~0.8 miles of a 2-lane residential roadway as well as drainage improvements. Responsibilities included hydrologic determinations, hydraulic calculations, superelevation calculations, and cost analysis. Also assisted with construction administration, including right-of-way acquisitions and shop drawing reviews.
06/19-12/21	**BENTON LANE IMPROVEMENTS:** Livingston Parish, LA. Developed plans and specs for the roadway and drainage design for this rehabilitation project consisting of the milling and overlay of ~0.4 miles of a 2-lane residential roadway as well drainage improvements. Responsibilities included hydraulic calculations and cost analysis.
10/19-Ongoing	**SIMS ROAD IMPROVEMENTS:** Livingston Parish, LA. Assisted with the roadway and drainage design for this rehabilitation project consisting of the milling and overlay of ~2.9 miles of a 2-lane roadway as well as drainage improvements. Responsibilities included hydrological determinations, hydraulic calculations, and cost analysis.

Firm employed by	**G.E.C., Inc.**		
Name	**Jeff Robinson, PE**	Years of relevant experience with this employer	27
Title	Senior Environmental Engineer	Years of relevant experience with other employer(s)	11
Degree(s) / Years / Specialization	B.S. / 1995 / Civil Engineering		
Active registration number / state / expiration date	29322 / Louisiana / 03-31-2023		
Year registered 2001	Discipline: Professional Engineer, Civil		
Contract role(s) / brief description of responsibilities	Role on this Project: **Environmental Coordination**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
 ***Jeff has prepared SWPPP in accordance with LADOTD standards***	*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 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".*
02/20-Present	**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 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).
08/19-Present	**H.011670.6 / I-10/LOYOLA INTERCHANGE IMPROVEMENTS: Jefferson Parish Louisiana, LA.** *Environmental Lead* - Mr. Robinson is Environmental Lead for GEC's Owner Verification Services (OV) team. His responsibilities included quality assurance reviews and acceptance of the project's **Storm Water Pollution Prevention Plan (SWPPP)**, and he verified compliance of the DB Contractor's 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).
2002-2009	**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 National Environmental Policy Act (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).
01/14-05/17	**H.004987 / U.S. HWY. 190 / COLLINS BOULEVARD WIDENING (US-190B – LA 25): Covington, LA.** *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.

Firm employed by	**G.E.C., Inc.**		
Name	**Brian Buckel, PE**	Years of relevant experience with this employer	10
Title	Senior Vice President	Years of relevant experience with other employer(s)	31
Degree(s) / Years / Specialization		B.S. / 1981 / Civil Engineering	
Active registration number / state / expiration date		21816 / Louisiana / 09-30-2023	
Year registered	1985	Discipline	Professional Engineer, Civil
Contract role(s) / brief description of responsibilities		Role on this Project: **Construction Coordination**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
 **Brian has 40 years of experience with construction support for LADOTD projects**	*Mr. Buckel joined GEC as Senior Vice President of Construction after 31 years of service with LADOTD, where he served as Chief Construction Engineer from 2006 to 2012, managing the Construction Section as well as policy setting of construction projects including implementation for several Alternative Delivery projects. He served as Area Engineer throughout the State of Louisiana for seven years and as District Construction Engineer for seven years, managing the seven parishes under District 02 where he led the state into Superpave, warm mix, and other significant asphalt pavement innovations. Mr. Buckel's portfolio of projects at LADOTD include the most complex construction projects in Louisiana with much of his work being performed in the high density populated and traveled Greater New Orleans area. He leads GEC's Construction Division through the most complicated projects in Louisiana, managing OV for LADOTD DB projects and CEI on DBB projects for major highway and interstate projects, urban and rural, with complex sequence of construction and constructability. He has the following certifications: ATSSA TCT/TCS, ATSSA Flagger*
09/12-Present	**EAST BATON ROUGE CITY PARISH STREET AND ROAD REHABILITATION PROGRAM (DPW PROJECT NO. 15-CEST-0001): East Baton Rouge Parish, LA.** *Principal-in-Charge* - 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.
03/17-present	**H.003003 / I-10, LA 328 TO I-49 JCT.: Lafayette and St. Martin Parishes, LA.** *Project Engineer/Principal-in-Charge* - Mr. Buckel served as Project Engineer until October 2018 and is currently Principal-in-Charge of this project that includes **full-depth replacement of the pavement** within the existing lanes, widening the westbound and eastbound pavement surface, and installing concrete median protection. The project replaces the LA 328 overpass and widens the overpasses and structures on Bayou Teche, Vermillion River, Louisiana Ave, Francis Coulee, and LA 176 (Moss St). Pavement striping, raised markers, and rumble strips would also be installed.
07/19-Present	**H.011670 / I-10/LOYOLA INTERCHANGE IMPROVEMENTS: Jefferson Parish, Louisiana.** *Principal-in-Charge* - GEC, selected as the Owner Verification firm, is providing all necessary engineering & related services for Design-Build Construction Support Services for the administration of the Design-Build contract on behalf of LADOTD, along with managing the implementation of the Project's Construction Quality Assurance Program (CQAP). Mr. Buckel is providing assistance, support, and constructability review to the LADOTD Project Manager to verify requirements of the contract documents are met.
09/20-06/21	**I-10 SERVICE ROAD BRIDGE REPLACEMENT: Slidell, Louisiana.** *Construction Engineer* - 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. Mr. Buckel **oversaw the construction engineering and inspection** for this project.
08/17-07/18	**H.004932 / US 90 (FUTURE I-49 SOUTH), LA 318 INTERCHANGE, ROUTE US 90: St. Mary Parish, LA.** *Principal-in-Charge* - GEC was the Owner Verification Firm (OVF) for this Design-Build Project which included CE&I, Right-of-Way Acquisition and Utility Relocation. As LADOTD's OVF representative, Mr. Buckel served as Principal-in-Charge. GEC provided CE&I oversight of the Contractor's QA firm for compliance with base course, embankment, asphalt paving, and Portland cement concrete paving.

Firm employed by	**G.E.C., Inc.**		
Name	**Roland Maurin Jr., PE**	Years of relevant experience with this employer	7
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 / 09-30-2024	
Year registered	1983	Discipline	Professional Engineer, Civil
Contract role(s) / brief description of responsibilities		Role on this Project: **Construction 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 time specified in the applicable MPR(s).
 **Roland has 46 years of experience with construction support for LADOTD projects**	*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 TCT/TCS, ATSSA Flagger*
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.
09/06-06/13	**ASSISTANT DISTRICT ADMINISTRATOR LADOTD OPERATIONS:** Mr. Maurin was the manager of District 62 district-wide operations to include **roadway, bridge and facility maintenance**, movable bridge operations, ferry landings, rest area operations, roadside development and fleet management. Manager of traffic engineering, traffic operations and bridge inspection and painting of state (on system) and local (off system) bridges. District incident commander for all road/weather events, preparations, coordination with authorities and after events.

Firm employed by	**G.E.C., Inc.**		
Name	**Marc Dunn, PE**	Years of relevant experience with this employer	8
Title	Construction Engineer	Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization	BS / 2015 / Civil Engineering		
Active registration number / state / expiration date	43705 / Louisiana / 03-31-2024		
Year registered 2019	Discipline: Professional Engineer, Civil		
Contract role(s) / brief description of responsibilities	Role on this Project: **Construction 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 time specified in the applicable MPR(s).
 **Marc has 12 years of experience**	*Marc Dunn is an Engineer assisting the Project Engineer in field operations and office work on numerous projects. He has experience on asphalt paving, catch basins, drainage, sanitary sewer, and embankment and base course projects. He also has a vast understanding of Site Manager, developing LPA project plans and understanding of LADOTD specifications. Mr. Dunn has experience with collection of street condition data utilizing the PASER rating method and QuickCapture program. Certifications: ATSSA TCS, ATSSA Flagger*
2014-2019	**SALES TAX STREET AND ROAD REHABILITATION PROGRAM: East Baton Rouge Parish, LA.** *Engineer* - Mr. Dunn was an engineer assisting the Project Engineer for this project which began in 1990. Mr. Dunn provided oversight of inspectors, developed plans and quantities for upcoming projects, handled partial estimates and change orders and assisted the project engineer on project administration for the past 5 years. 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. Dunn has served as Engineer on the following projects: 14-09 Winbourne Ave, 14-15 Crack Sealing, 15-01 Carrington Place, 15-02 H.010648 Acadian Thruway Project, 15-03 Santa Maria, 15-04 Magnolia Trace & Shadows of White Oak, 15-05 Brookstown, 15-06 H.010650 OLOL Project, 15-07 Old Perkins Barringer Foreman, 15-08 Woodale & Lobdell, 15-09 Pearirs Road & Comite Drive, 15-10 Crack Sealing, 15-11 PCC Partial Depth Patching, 15-12 Stumberg, 16-01 H.011364 Goodwood Blvd., 16-02 H.011363 Sherwood Blvd., 16-03 Sherwood Forest Streets, 16-04 Dalyrmple, 16-05 Bluebonnet and Nicholson, 16-06 Arbor Walk, 16-07 Choctaw, Prescott and Airway, 16-09 Goodwood and Sherwood Forest, 16-10 H.011842 Chocktaw Drive Pavement Preservation. (DPW Project No. 15-CEST-0001)
05/15-Present	**H.009479 / WEST LAROSE VERTICAL LIFT SPAN BRIDGE REHABILITATION: Larose, LA.** *Engineer* - Mr. Dunn is an engineer assisting the Project Engineer with the rehabilitations of the West Larose Bridge. The project includes 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.
11/16	**BATON ROUGE ITS DEPLOYMENT (PHASE 3): Ascension, East Baton Rouge, Iberville, Livingston, Pointe Coupee, and West Baton Rouge Parishes, LA.** *Engineer Intern* - Mr. Dunn was the Engineer Intern assisting the Project Engineer with the **Engineering and Inspection services** for the Baton Rouge ITS Deployment Phase 3 Project. The project consisted of construction and integration of five (5) new DMS sites, ten (10) new CCTV sites, one (1) new hub site, thirty (30) Bluetooth Vehicle Detectors (combined with new and existing sites), and five (5) miles of new fiber optic build-out, conduit, and associated pullboxes.
07/19-Present	**H.011670 / I-10 LOYOLA INTERCHANGE IMPROVEMENT, DESIGN-BUILD PROJECT: Jefferson Parish, LA.** *Assistant Project Engineer* - GEC, selected as the Owner Verification firm, is providing all necessary engineering & related services for Design-Build **Construction Support Services** for the administration of the Design-Build contract on behalf of LADOTD, along with managing the implementation of the Project's Construction Quality Assurance Program (CQAP). Mr. Dunn is overseeing the inspectors performing owner verification and the QC firm on the daily field operations. He assists the Project Engineer on design review meetings and field operations.

Firm employed by	**Forte and Tablada, Inc.**		
Name	**Bradley Holleman, PE, PLS**	Years of relevant experience with this employer	1
Title	Surveyor	Years of relevant experience with other employer(s)	14.5
Degree(s) / Years / Specialization		B.S. / 2009 / Civil Engineering	
Active registration number / state / expiration date		5082 / Louisiana / 09-30-2024	
Year registered	2012	Discipline	Land Surveying
Contract role(s) / brief description of responsibilities		Role on this Project: **Surveyor-in-Charge**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
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. 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.
04/20-11/20	**H.000688 US 11 NORFOLK SOUTHERN RR OVERPASS:** Surveyor-in-Charge for the topographic survey and 3D Mobile laser scanning. This project was for the design of a new US 11 overpass over Norfolk Southern Railroad. 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.
02/20-08/20	**H.010652 LA 73: US 61 (AIRLINE) TO ESSEN LANE**: Surveyor-in-Charge for the topographic survey and 3D Mobile laser scanning. This project was for the design of improvements to Jefferson Highway from Airline to Essen Lane in East Baton Rouge Parish. The work consisted of completing a topographic survey, according to the LA DOTD Location and Survey Manual, including all drainage required along with finished floor elevations of all buildings that fall within the survey limits.
06/19-12/19	**H.011645 LA 3002 ACCESS MANAGEMENT:** Surveyor-in-Charge for the topographic survey and 3D Mobile laser scanning. This project was for the design of a median and turnarounds on LA 3002 in Livingston 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.
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.
03/17-03/18	**H004987 US 190 COLLINS BLVD:** Surveyor-in-Charge for the topographic survey, 3D laser scanning and existing drainage map. This project was for the design of capacity improvements on US 190 in Covington. 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.
06/16-02/17	**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.

Firm employed by	**Forte and Tablada, Inc.**
Name	**Bradley Holleman, PE, PLS** *Continued Resume*
12/14-03/16	**H.011137 & H.011152 I-12 (LA 21 TO LA 59):** 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.
06/15-12/15	**H.011224 US 190 GUARDRAIL / RUTTING REPAIR:** Surveyor-in-Charge for the topographic survey, 3D laser scanning and existing drainage map. This project was for constructing a replacement guardrail along US 190 in Pointe Coupee Parish due to damage. 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.
09/14-02/15	**H.011158 LA 3139:** Surveyor-in-Charge for the topographic survey, 3D laser scanning and existing drainage map. This project was for constructing a replacement span because of a damaged girder on the LA 3139 overpass over I-10. 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.
12/13-06/14	**H.004932 INTERCHANGE FOR US 90 AND LA 318:** Surveyor-in-Charge for the topographic survey, 3D laser scanning and existing drainage map. This project was for constructing a controlled interchange to improve accessibility at US 90 and LA 318. 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.
09/13-08/14	**H.009300 HOOPER ROAD WIDENING:** Surveyor-in-Charge for the topographic survey and existing drainage map. This project was for widening Hooper Road in East Baton Rouge 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.
07/13-10/13	**I-12 TO BUSH ROUTE LA 3241 SURVEY CONTROL:** Surveyor-in-Charge for setting the primary static control and digital levels for future phases of the project. This project was for the construction of a new connecting route from Interstate 12 to Bush Louisiana. The work consisted of setting deep rod monuments along the proposed route and conducting over 40 miles of digital levels between the deep rod monuments.
03/17-03/18	**H004987 US 190 COLLINS BLVD:** Surveyor-in-Charge for the topographic survey, 3D laser scanning and existing drainage map. This project was for the design of capacity improvements on US 190 in Covington. 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.

Firm employed by	**Forte and Tablada, Inc.**		
Name	**Gerald Middleton, PLS**	Years of relevant experience with this employer	8
Title	Surveyor	Years of relevant experience with other employer(s)	37
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		4856 / Louisiana / 09-30-2023	
Year registered 1999	Discipline	Land Surveying	
Contract role(s) / brief description of responsibilities		Role on this Project: **Survey**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
01/12-12/20	**H.012308- COOK ROAD IMPROVEMENTS:** Livingston Parish, LA – Surveyor for Right-of-Way surveys for this project that designed improvements to an existing section of two lane roadway and an unimproved area with the construction of a four (4) lane boulevard section from LA Hwy 16 (Pete's Hwy) to LA Hwy 1026 (Juban Road), along with several bridges.
1/20-10/20	**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- Survey Manager for complete topographic survey, approximately 18.3 miles, from the East end of the Atchafalaya Bridge to the West end of the I-10/LA 415 Interchange.
06/18-12/19	**H.012393- LA 98: ROUNDABOUT AT MILLS ST.:** Lafayette Parish, LA- QC Reviewer to provide right of way surveys for this project that requires construction of new roundabout at the intersection of Mills Street and W. Gloria Switch Road (LA Hwy 98) in Lafayette Parish, Louisiana.
11/16-01/18	**EAST BATON ROUGE COMPUTERIZED TRAFFIC SIGNALS-PHASE VB:** East Baton Rouge Parish, LA – Surveyor responsible for survey and mapping of eight intersections in Baton Rouge for the construction and installation of new computerized traffic synchronization equipment and components.
08/18-11/18	**BEAR INDUSTRIES SURVEY:** St. Gabriel, LA- Supervising professional for boundary and topographic surveys subdividing approx. 170 acres in Carville, La for Bear Industries including location and establishment of approx. 2,000 feet of Miss. River frontage boundary, levee and road right of way utilizing conventional and RTK GPS surveying methods.
09/17-12/19	**S.P. NO. H.011808.5- PALMETTO CO. CANAL BRIDGE:** St. Landry Parish, LA- QC Reviewer to provide property surveys, title take- offs, and right-of-way map services for the removal and replacement of a timber trestle bridge that spans Bayou Des Glaises, located along La. Hwy. 10 in St. Landry Parish near the town of Palmetto, La.
8/19-Ongoing	**H.011670-I-10/LOYOLA INTERCHANGE IMPROVEMENTS:** Kenner, LA- QC Reviewer for Topographic Survey, Right-of-Way Survey, and Drainage Survey. The project stretches from the levee in Kenner to the Williams Blvd. off ramp, as well as Loyola Avenue and portions of Veterans Blvd.
05/17-10/18	**H.004791.5- BELLE CHASSE BRIDGE AND TUNNEL REPLACEMENT HYDROGRAPHIC SURVEY:** Plaquemines Parish, LA- QC Reviewer for comprehensive topographic surveying services for the Belle Chase Bridge and Tunnel Replacement project for LA DOTD. Included in this work was a survey performed utilizing traditional methods, terrestrial laser scanning of roadway surfaces, and multi-beam 3-D hydrographic surveying.
01/18-6/19	**H.004100- I-10 (LA 415 TO ESSEN LANE ON I-10 AND I-12):** East and West Baton Rouge Parishes- LA DOTD- QC Reviewer for topographic survey of the work between LSU lakes and Essen Lane.
03/15-09/20	**TRAVIS STREET AND GEORGE MASHON ROAD OFF-SYSTEM BRIDGE REPLACEMENT:** Livingston Parish, LA – Right-of-Way Surveying for the replacement of George Mashon Road and Travis Street Bridges.
02/17-03/18	**H.010753.5- US 90 / I-310 INTERCHANGE:** St. Charles Parish, LA- QC Reviewer responsible for topographic surveying and 3-D laser scanning at the intersection of US-90 and I-310 in St. Charles Parish.

Firm employed by	**Forte and Tablada, Inc.**		
Name	**Jace M. Ricard, PLS**	Years of relevant experience with this employer	4
Title	Surveyor	Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization		B.S. / 2014 / Geomatics	
Active registration number / state / expiration date		5205 / Louisiana / 09-30-2023	
Year registered	2019	Discipline	Land Surveying
Contract role(s) / brief description of responsibilities		Role on this Project: **Survey**	

SECTION 17 PROJECT

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
01/18-6/19	**H.004100- I-10 (LA 415 TO ESSEN LANE ON I-10 AND I-12):** East and West Baton Rouge Parishes- LADOTD- Survey technician for topographic survey of the work between LSU lakes and Essen Lane.
6/20 - Ongoing	**H.013979, H.013995, H.013992, H.013994, H.013985, H.013954, H.013990- RURAL BRIDGE REPLACEMENT INITIATIVE; 15 STATE PROJECTS NUMBERS (47 STRUCTURES) IN DISTRICTS 04, 05, 08 AND 58:** Surveyor for topographic surveying of 47 bridges in Louisiana.
4/21 - 6-21	**H.014628 LA 397 TURN LANES @ RICE MILL:** Surveyor support for this project providing a topographic survey, in accordance with LA DOTD Location and Survey, for the design of turn lanes in Calcasieu Parish.
05/17-10/18	**H.004791.5-BELLE CHASSE BRIDGE AND TUNNEL REPLACEMENT HYDROGRAPHIC SURVEY:** Plaquemines Parish, LA- Survey technician for comprehensive topographic surveying services for the Belle Chase Bridge and Tunnel Replacement project for LA DOTD. Included in this work was a survey performed utilizing traditional methods, terrestrial laser scanning of roadway surfaces, and multi-beam 3-D hydrographic surveying.
08/17-Ongoing	**H.004273.5 – I-49 CONNECTOR:** Lafayette Parish, LA – LA DOTD – Survey technician responsible for providing topographic 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 laser scanning services for much of the congested corridor as a means to obtaining topographic data without endangering surveyors.
11/18 - 04/19	**H.011684.5- LA 327 SPUR: STARING LANE EXTENSION:** East Baton Rouge Parish- CAD Technician for comprehensive topographic surveying services and developing a drainage map for the Staring Lane Extension project for LADOTD. Included in this work was a survey performed utilizing traditional methods and terrestrial laser scanning of roadway surfaces.
08/19-Ongoing	**H.011670-I-10/LOYOLA INTERCHANGE IMPROVEMENTS:** Kenner, LA- Topo management support for this project providing Topographic Survey, Right-of-Way Survey, and Drainage Survey. The project stretches from the levee in Kenner to the Williams Blvd. off ramp, as well as Loyola Avenue and portions of Veterans Blvd.
10/18-Ongoing	**EAST BATON ROUGE STORMWATER MASTERPLAN:** East Baton Rouge Parish, LA- Surveyor for hydrographic surveying of bayous and creeks located within East Baton Rouge Parish for the EBR Stormwater Masterplan. The work consists of establishing cross-sections and stream bed profiles along their length.
11/19-04/20	**ALLEN PARISH DRAINAGE SURVEY:** Allen Parish, LA - Surveyor for survey of drainage structures located in Allen Parish.
08/19-On going	**AMITE/BLIND RIVER SURVEY:** Livingston Parish, LA- Surveyor for hydrographic surveying of the mouth of the Amite and Blind River in Livingston Parish.
6/19 - Ongoing	**FORREST DELATTE ROAD (LA 16 TO JUBAN ROAD):** Livingston Parish, LA- Project Manager responsible for Right-of Way Maps and Services for this roadway improvement project for a connection between LA 16 and LA 1026. The scope of work includes right-of-way maps and property surveys, title work, abstracts, and appraisal and negotiations.

Firm employed by	**Forte and Tablada, Inc.**		
Name	**Ross A. Wilson, PLS**	Years of relevant experience with this employer	11
Title	Surveyor	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		B.S. / 2010 / Geomatics	
Active registration number / state / expiration date		5148 / Louisiana / 03-31-2024	
Year registered	2015	Discipline	Land Surveying
Contract role(s) / brief description of responsibilities		Role on this Project: **Survey**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
04/21-06/21	**H.014628- LA 397:** Turn Lanes at Rice Mill - Surveyor responsible for topographic surveying at the intersection of LA 397and Joe Spears Rd. in Calcasieu Parish.
08/19-Ongoing	**H.011670-I-10/LOYOLA INTERCHANGE IMPROVEMENTS:** Kenner, LA- Project Manager providing Topographic Survey, Right-of-Way Survey, and Drainage Survey. The project stretches from the levee in Kenner to the Williams Blvd. off ramp, as well as Loyola Avenue and portions of Veterans Blvd.
06/20-Ongoing	**H.013979, H.013995, H.013992, H.013994, H.013985, H.013954, H.013990- RURAL BRIDGE REPLACEMENT INITIATIVE; 7 STATE PROJECTS NUMBERS (22 STRUCTURES) IN DISTRICTS 04, 05, 08 AND 58:** Surveyor for topographic surveying of 22 bridges in Louisiana.
01/20-10/20	**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- Project Manager for complete topographic survey, approximately 18.3 miles, from the East end of the Atchafalaya Bridge to the West end of the I-10/LA 415 Interchange.
11/19-12/20	**H.012083- CALCASIEU RIVER BRIDGE INVESTIGATION:** Calcasieu Parish, LA- Surveyor to provide laser 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.
12/19-09/20	**H.011970- BAYOU TERREBONNE BRIDGES:** Surveyor for the Bayou Terrebonne bridge along with the entire intersection and adjacent roads.
11/18-04/19	**LA 327 SPUR: STARING LANE EXT. ROUTE LA 327-S:** East Baton Rouge Parish, LA- Project Manager for a topographic survey for this project which is located in East Baton Rouge Parish, in between the intersections of La 42 (Burbank Dr.) and Staring Ln. and La 327 (Gardere Ln.) and La 30. A complete Topographic survey including all utilities with depths and all drainage was required, along with finish floor elevations of all buildings that fall within the survey limits.
05/17-10/18	**H.004791.5- BELLE CHASSE BRIDGE AND TUNNEL REPLACEMENT HYDROGRAPHIC SURVEY:** Plaquemines Parish, LA- Surveyor for comprehensive topographic surveying services for the Belle Chase Bridge and Tunnel Replacement project for LA DOTD. Included in this work was a survey performed utilizing traditional methods, terrestrial laser scanning of roadway surfaces, and multi-beam 3-D hydrographic surveying.
01/18-06/19	**H.004100- I-10 (LA 415 TO ESSEN LANE ON I-10 AND I-12):** East and West Baton Rouge Parishes- LA DOTD- Project Manager for topographic survey of the work between LSU lakes and Essen Lane.
02/17-03/18	**H.010753.5- US 90 / I-310 INTERCHANGE:** St. Charles Parish, LA- Surveyor responsible for topographic surveying and 3-D laser scanning at the intersection of US-90 and I-310 in St. Charles Parish.
08/14-Ongoing	**H.004273.5 – I-49 CONNECTOR:** Lafayette Parish, LA – LA DOTD – Survey Manager responsible for providing topographic 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 laser scanning services for much of the congested corridor as a means to obtaining topographic data without endangering surveyors.

Firm employed by	**Vectura Consulting Services, LLC**		
Name	**Sheelagh Brin Ferlito, PE, PTOE**	Years of relevant experience with this employer	7
Title	Principal	Years of relevant experience with other employer(s)	27
Degree(s) / Years / Specialization		B.S. / 1988 / Civil Engineering	
Active registration number / state / expiration date		25383 / Louisiana / 9-30-2023	
Year registered	1993	Discipline	Civil
Contract role(s) / brief description of responsibilities		Role on this Project: **Traffic Signal Design and CE&I Supervisor / QC for TMP**	

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

Firm employed by	**Vectura Consulting Services, LLC**
Name	**Sheelagh Brin Ferlito, PE, PTOE** *Continued Resume*
04/14 – 12/14	**H.002301 SIGNAL DESIGN FOR N. SHERWOOD FOREST DR. WIDENING PROJECT:** (Baton Rouge, LA) As the project engineer, Brin designed three signalized intersections as part of a road widening project as per EBR DPW and DOTD requirements. Ms. Ferlito developed the traffic signal equipment, signal timing and communication construction plans, special provision specifications, quantities, and cost estimate. She also performed tasks to develop the striping plans and sequence of construction plans which included temporary signal equipment placement due to lane shifts during construction.
07/12-03/14	**EBR 03-TS-CI-0026 CE&I FOR EBR TRAFFIC SIGNAL SYSTEMS JEFFERSON HIGHWAY CONSTRUCTION:** (Baton Rouge, LA) Brin was the Project Resident Engineer on behalf of EBR for performing CE&I services for the construction of 11 traffic signals. She maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into interstate I-12 fiber backbone and ATM/EOC building. She processed all monthly tasks in EBR formats as well as well as all items on the EBR project closeout checklist.
07/08-09/09	**SPN 013-05-0043 CE&I FOR EBR TRAFFIC SIGNAL SYSTEMS PHASE IV CONSTRUCTION:** (Baton Rouge, LA) Brin was the Project Resident Engineer for DOTD and EBR to perform CE&I services for the construction of 21 traffic signals. She developed the project Sample Plan, maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, coordinated concrete sampling for DOTD Materials Lab, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into Airline Highway fiber backbone and ATM / EOC building. She processed all monthly tasks electronically in DOTD Site Manager and in EBR required formats as well as all items on the DOTD Project Closeout Checklist including the 2059 Report.
09/13 – 04/14	**S.P. 700-99-0477 JEFFERSON HWY. SIGNAL DESIGN:** (Baton Rouge, LA) Ms. Ferlito designed traffic signal plans for 11 intersections along Jefferson Highway between College Drive and the I-12 On Ramp in Baton Rouge. Design included traffic signal layout, fiber interconnect layout, fiber splicing diagrams, pedestrian crosswalk layout, and sign layout. Design also included traffic signal synchronization signal timing and pedestrian signal timing. She prepared estimated quantities, preliminary and final signal construction plans and specifications.
03/05 – 11/05	**AIRLINE HWY WIDENING SPN 700-99-0332:** (Baton Rouge, LA) Brin designed 8 traffic signals as part of the Airline Hwy. widening project in Baton Rouge. Her design included traffic signal equipment, signal synchronization timing, fiber communication, storage length calculations based on queues analyses, special provision specifications, quantities, and cost estimate. This project included fiber design to be the first Baton Rouge project to connect video surveillance images and traffic controller information to the ATM / EOC.
02/03 – 01/04	**EBR TRAFFIC SIGNAL SYSTEMS PHASES IV AND V SPN 700-17-0172:** (Baton Rouge, LA) Brin was the project engineer for the design of 66 signalized intersections on eight arterials in Baton Rouge which included traffic signal equipment, pedestrian crosswalk equipment, emergency vehicle and railroad preemption equipment, fiber interconnect equipment as well as traffic signal synchronization. Brin prepared traffic signal construction plans, estimated quantities, and specifications.

Firm employed by	**Vectura Consulting Services, LLC**		
Name	**Laurence Lucius Lambert, II, PE, PTOE, PTP**	Years of relevant experience with this employer	7
Title	Supervisor	Years of relevant experience with other employer(s)	18
Degree(s) / Years / Specialization	B.S. / 1997 / Civil Engr.; M.S. / 2006 / Civil Engr. (Transportation focus); M.B.A. / 2010		
Active registration number / state / expiration date	29901 / Louisiana / 03-31-2024		
Year registered 2001	Discipline: Civil		
Contract role(s) / brief description of responsibilities	Role on this Project: **TMP Supervisor / Traffic Signal Design QC**		

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

Firm employed by	**Vectura Consulting Services, LLC**
Name	**Laurence Lucius Lambert, II, PE, PTOE, PTP** *Continued Resume*

SECTION 17 PROJECT 09/16 - 04/17	**H.004957.5 I-12 TO BUSH - LA 3241:** (I-12 – LA 36) Corridor Study (St. Tammany Parish, LA) Laurence was the lead traffic engineer for a DOTD traffic study for the new LA 3241 alignment with the purpose of obtaining both existing and projected future traffic variables in accordance with standard operating procedures typically performed in these types of analyses. Laurence worked closely with the NORPC and District 62 to develop design year volumes using data the TransCAD model. The traffic study examined concepts that improved the safety and efficiency of the roadway consistent with the latest DOTD policies related to access management. Laurence, along with Brin, collected 7-day, 24-hour counts w/ classification on mainlines, turning movement counts for morning and evening peak periods and speed data for mainlines. Laurence also developed a VISSIM traffic simulation model of the preferred alternative.
07/16-01/17	**FEDERAL HIGHWAY ADMINISTRATION INTERSECTION & INTERCHANGE GEOMETRICS (IIG):** Innovative Design Considerations for All Users At the request of the FHWA division office for Virginia, Laurence was asked to review a set of design plans for a Displaced Left Turn (DLT) in Norfolk, VA. The plans were part of a design-build project that included widening a corridor, modifications to an interchange and the implementation of a DLT. Vectura specifically reviewed and commented on the intersection geometry, pavement markings and signage. The findings were summarized in a technical memorandum as well as “red line” comments were scanned and submitted to the FHWA Virginia Division office for their use.
04/11 - 09/11	**SPN 424-04-0032 US 90 AT LOUISIANA 85 DESIGN-BUILD MAINTENANCE OF TRAFFIC PLAN:** (Iberia Parish, LA) Laurence developed a Maintenance of Traffic plan that accommodated the bridge and road widening, but also maintain passage of large trucks and freight through the heavily travelled corridor crucial for agricultural goods and farming. Laurence was the Lead Traffic Engineer for one of the first design-build projects undertaken by DOTD, which included the construction of a grade separated, diamond interchange to replace the existing US 90 intersections with Louisiana 85 in Iberia Parish to upgrade this future I-49 corridor to interstate standards.
06/10 - 10/10	**SPN 454-02-0071 I-12 WIDENING DESIGN-BUILD AMITE RIVER BRIDGE TO JUBAN ROAD MAINTENANCE OF TRAFFIC PLAN:** (Livingston Parish, LA) Laurence was responsible for designing a Maintenance of Traffic plan that would keep drivers informed of real time traffic situations through a comprehensive traffic management system. Four lanes (two lanes in each direction) were to remain open during peak travel times throughout the length of the project. Temporary lane closures only occurred at night.
09/06-09/07	**EBR 06-CS-HC-00012 DOWNTOWN BATON ROUGE SIGNAL PROJECT:** (Baton Rouge) Laurence was the Project Manager to develop construction plans to upgrade 29 signals in downtown Baton Rouge as part of the EBR Green Light Plan. He coordinated numerous utility conflicts during construction since current utility plans were not readily available in an old part of town. He made several signal pole foundation location adjustments based on numerous field visits with utility companies.

Firm employed by	**Vectura Consulting Services, LLC**		
Name	**Prasanth Malisetty, PE, PTOE, PTP, RSP1**	Years of relevant experience with this employer	2
Title	Senior Project Engineer	Years of relevant experience with other employer(s)	17
Degree(s) / Years / Specialization	B.S. / 2003 / Civil Engineering; M.S. / 2004 / Civil Engineering		
Active registration number / state / expiration date	35792 / Louisiana / 03-31-2023		
Year registered 2010	Discipline: Civil		
Contract role(s) / brief description of responsibilities	Role on this Project: **Senior Project Engineer for Traffic Control Design, Signal CE&I and TMP**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
04/21 - current	**CP NO. 16 CI-US-0032 BUS RAPID TRANSIT (BRT) IMPROVEMENT PROJECT:** (Baton Rouge, LA) The BRT limits of study span 5 miles over four different corridors and 19 traffic signals through the core of Baton Rouge. Prasanth was the lead traffic for the traffic study that included data collection, safety analysis, Existing and Build Condition analyses, transit signal priority timing analysis and handicap ramp design. Once the traffic study was accepted by Baton Rouge and DOTD, Prasanth developed 60% complete signal plans. Most of the intersections were in right-of-way constrained intersections. Prasanth worked closely with Baton Rouge and DOTD to resolve the numerous field conflicts.
09/20 – 12/21	**H.011909.5-4 ROUNDABOUT US 171 AT BOONE ST.:** (Vernon Parish) Prasanth was the lead design engineering for temporary signal design associated with the sequence of construction for the roundabout at US 171 at Boone St.
09/20 – 12/21	**H.010960.5 LA 30 ROUNDABOUTS AT TANGER I-10:** (Ascension Parish) Prasanth was the lead design engineering to produce the temporary signal design associated with the sequence of construction for the roundabouts on LA 30 in Gonzales, LA. This project consists of eight proposed construction phases.
02/21 – 02/22	**MOVEBR LA 67 (PLANK ROAD) ENHANCEMENT PROJECT:** Baton Rouge, LA, 2020-2021 Prasanth was a senior project engineer to enhance transit, bicycle, and pedestrian mobility on LA 67 (Plank Road) that required City-Parish and DOTD approval. Laurence and Prasanth developed traffic operations evaluation of the traffic study which included traffic signal timing evaluations.
01/21 – 05/21	**H.013256 - I-10 ITS SCOTT TO LAKE CHARLES:** (Lafayette, Acadia, and Jefferson Davis Parishes) Prasanth and Reece were responsible for measuring anticipated construction quantities and producing a cost estimate for fifteen sites along I-10 where CCTV cameras were being installed by using DOTD's Bid Tabulation and Cost Estimating Tool.
12/18 – 7/20	**H.012018 LCG ADAPTIVE TRAFFIC SIGNAL SYSTEM:** (Lafayette, LA) The project was to develop an Adaptive Traffic Signal network for the Lafayette Consolidated Government, which involved upgrading 190 traffic signal controllers. In addition, 79 traffic signals will be upgraded to become adaptive traffic signals. This will be the largest adaptive traffic signal system installed within the state of Louisiana. Prasanth was the project engineer responsible for overseeing field inspection and develop signal design plans
12/18 – 7/20	**H.002297 LA 37 SULLIVAN ROAD TO LIBERTY ROAD:** (Baton Rouge) Prasanth was the project manager to develop feasible roadway improvements that will improve operation and increase safety along the LA 37 corridor. The project included data collection, development of growth rates, existing and future traffic analyses. Prasanth was responsible for traffic forecasting for no-build and future alternatives using the CRPC travel demand models. Also, performed the existing and future traffic analysis and propose potential alternatives to mitigate existing deficiencies.
11/17 – 12/18	**H.013264 DISTRICT 08 SAFETY INVESTMENT PLAN:** (Louisiana) Prasanth was the project engineer responsible for preforming districtwide safety analysis and preliminary engineering studies for various locations considered high potential for safety improvements. Responsible for evaluating crash statistics to identify possible roadway issues by using appropriate safety analysis tools and recommend potential operation safety countermeasures. Developed Countermeasure Evaluation Tool (CET) tool which aid in determining total crash reduction for each proposed countermeasure with associated cost savings and perform benefit / cost analysis.

SECTION 17 PROJECT

Firm employed by	**Vectura Consulting Services, LLC**		
Name	**Reece Rodrigue, PE, PTOE**	Years of relevant experience with this employer	2
Title	Project Traffic 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 / 03-31-2024	
Year registered	2017	Discipline	Civil
Contract role(s) / brief description of responsibilities		Role on this Project: **Project Engineer for Traffic Control Design, Signal CE&I and TMP**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
07/21 – Current	**H.007160 - EBR COMPUTERIZED TRAFFIC SIGNAL, PHASE VB:** (Baton Rouge) Reece is part of the team responsible for Construction Engineering and Inspection. Reece has reviewed the signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.
01/21 – 05/21	**H.013256 - I-10 ITS SCOTT TO LAKE CHARLES:** (Lafayette, Acadia, and Jefferson Davis Parishes) Reece was a member of the 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.
SECTION 17 PROJECT 09/20 – 12/21	**H.011909.5-4 ROUNDABOUT US 171 AT BOONE ST.:** (Vernon Parish) Reece was a project engineer, who participated in the production of the temporary signal design associated with the sequence of construction for the roundabout at US 171 at Boone St. He conducted a thorough analysis of the US 171 corridor's existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.
09/20 – 12/21	**H.010960.5 LA 30 ROUNDABOUTS AT TANGER I-10:** (Ascension Parish) Reece was a project engineer, who assisted in the production of the temporary signal design associated with the sequence of construction for the roundabouts on LA 30 in Gonzales, LA. This project consists of eight proposed construction phases. He assisted in calculating the temporary pole heights, determining the placement location for the temporary poles for each phase, measuring and calculating clearance intervals. Reece conducted a thorough analysis of the LA 30 corridor's existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.
SECTION 17 PROJECT 04/20 - Current	**H.004791 DOTD BELLE CHASSE BRIDGE & TUNNEL REPLACEMENT PUBLIC-PRIVATE PARTNERSHIP PROJECT:** (Belle Chasse) Reece is the project engineer who designed the temporary traffic signal for the intersection of LA 23 at Engineers Rd. The design of the temporary signals is set for eight phases of construction per the anticipated sequence of construction. Temporary pole location and heights were recommended for placement for use for all construction phases. Vehicle clearance interval calculations were conducted for each phase in accordance with DOTD and ITE guidance. Reece is responsible for producing the traffic impact analysis portion of the Traffic Management Plan, which were also used in planning for the permanent and temporary signal timing plans. Reece was also responsible for the production of permanent signal plans for the LA 23 intersections at Engineers Road and at Burmaster Street. He evaluated STOP bar locations, calculated vehicle, and pedestrian clearance intervals, designed the railroad preemption sequence for both at-grade crossings, designed the wiring layout, and developed the interconnect plan. Reece maintains correspondence with the fellow design engineering team for product consistency. In addition, Reece was responsible for reviewing and approving shop drawings that were submitted by the contractor for use in construction.
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.

Firm employed by	**Vectura Consulting Services, LLC**		
Name	**Kristen Gahagan Farrington, PE, PTOE**	Years of relevant experience with this employer	1
Title	Project Traffic Engineer	Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization		B.S. / 2014 / Civil Engineering	
Active registration number / state / expiration date		42785 / Louisiana / 03-31-2023	
Year registered 2018	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Role on this Project: **Project Engineer for Traffic Control Design, Signal CE&I and TMP**	

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

Firm employed by	**APS Engineering and Testing, LLC**		
Name	**Sergio Aviles, PE**	Years of relevant experience with this employer	10
Title	President	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		B.S. / 2001 / Civil Engineering	
Active registration number / state / expiration date		33571 / Louisiana / 03-31-2024	
Year registered	2007	Discipline	Professional Engineer, Civil
Contract role(s) / brief description of responsibilities		Role on this Project: **Geotechnical Project Manager/Design guidance/Field Crew and lab management**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
09/19-Present	**H.004100 / I-10 WIDENING LA 415 TO ESSEN LN:** A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 85 deep borings that included land (77) and over water borings (8) starting at the Washington Exit and ending at the Acadia Exit. A P S performed all the **laboratory testing per ASTM standards** to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, liquid and plastic limits, unit weight, grain-size analyses and specific gravity were performed. Additionally, 1000 Triaxial Compression tests (Unconsolidated Undrained) were performed to determine the soil strength. All laboratory testing was performed at our accredited Laboratory. Mr. Aviles was the project manager to the Geotechnical Investigation.
08/16-10/16	**H.012422 / I-10/I-110 INTERCHANGE MODIFICATION AT TERRACE AVE:** A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of six (6) deep borings for the design of the Terrace Ave exit ramp. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, liquid and plastic limits, unit weight, grain-size analyses and specific gravity were performed. Additionally, 100 Triaxial Compression tests (Unconsolidated Undrained) were performed to determine the soil strength. All laboratory testing was performed at our accredited Laboratory. Mr. Aviles was the project manager to the **Geotechnical Investigation**.
11/17-02/18	**PROJECT NO. H.013193 US 61 THOMPSON CREEK BRIDGE REPLACEMENT:** A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of eight (8) deep borings for the replacement bridge at US 61 over Thompson Creek. A P S performed all the laboratory testing per ASTM standards to facilitate the **geotechnical design**. Soil classification tests such as, Unconsolidated Undrained, natural moisture contents, liquid and plastic limits, unit weight, and grain-size analyses. All laboratory testing was performed at our accredited Laboratory. Mr. Aviles was the project manager to the Geotechnical Investigations.
11/17-02/18	**H.002273, H.000710, AND H.001352 / COMITE RIVER DIVERSION BRIDGE AT LA 67, LA 19 AND LA 19 RAILROAD BRIDGE LA 67 AND LA 19:** A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 12 deep borings for the new replacement bridges at Highway 19, 67, and 964. A P S performed all the **laboratory testing per ASTM standards** to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated ndrained, liquid and plastic limits, unit weight, grain-size analyses and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Mr. Aviles was the project manager to the Geotechnical Investigations.
11/19-12/20	**H.001352 AND H.002273 COMITE RIVER DIVERSION BRIDGE AT LA 67, LA 19 AND LA 19 RAILROAD BRIDGE LA 67 AND LA 19:** A P S was selected with the winning team for the design of the diversion CMAR project. A P S was the **Geotechnical Engineers of Record**. Mr. Aviles is the project manager for the project design team.
03/19-05/19	**H.001344 US 190 OVER BOGUE FALAYA RIVER:** A P S was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of **19 deep borings were drilled and tested for the foundation recommendation**. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Mr. Aviles is the project manager for the project design team.

SECTION 17 PROJECT

Firm employed by	**APS Engineering and Testing, LLC**		
Name	**Sairam (Sai) Eddanapudi, M.E., PE**	Years of relevant experience with this employer	10
Title	Chief Engineer	Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization		B.E. / 1999 / Civil Engineering; M.E. / 2002 / Civil Engineering	
Active registration number / state / expiration date		35129 / Louisiana / 03-31-2024	
Year registered	2008	Discipline	Professional Engineer, Civil
Contract role(s) / brief description of responsibilities		Role on this Project: **Geotechnical Engineer/QA/Design 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 time specified in the applicable MPR(s).
09/19-Present	**H.004100 / I-10 WIDENING LA 415 TO ESSEN LN:** A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 85 deep borings that included land (77) and over water borings (8) starting at the Washington Exit and ending at the Acadia Exit. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. **Soil classification tests** such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Additionally, 1000 Triaxial Compression tests (Unconsolidated Undrained) were performed to determine the soil strength. All laboratory testing was performed at our accredited Laboratory. Mr. Sai was the project QA to the Geotechnical Investigations.
08/16-10/16	**H.012422 / I-110 INTERCHANGE MODIFICATION AT TERRACE AVE:** A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of six (6) deep borings for the design of the Terrace Ave exit ramp. A P S performed all the **laboratory testing per ASTM standards** to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Additionally, 100 Triaxial Compression tests (Unconsolidated Drained) were performed to determine the soil strength. All laboratory testing was performed at our accredited Laboratory. Mr. Sai was QA to the Geotechnical Investigations.
11/17-02/18	**H.013193 / US 61 THOMPSON CREEK BRIDGE REPLACEMENT:** A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of eight (8) deep borings for the replacement bridge at US 61 over Thompson Creek. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. **Soil classification tests** such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Mr. Sai was QA to the Geotechnical Investigations.
11/17-02/18	**H.002273, H.000710, AND H.001352 / COMITE RIVER DIVERSION BRIDGE AT LA 67, LA 19 AND LA 19 RAILROAD BRIDGE LA 67 AND LA 19:** A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 12 deep borings for the new and replacement bridges at Highway 19, 67, and 964. A P S performed all the **laboratory testing per ASTM standards** to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Mr. Sai QA to the Geotechnical Investigations.
11/19-12/20	**H.001352 AND H.002273 / COMITE RIVER DIVERSION BRIDGE AT LA 67, LA 19 AND LA 19 RAILROAD BRIDGE LA 67 AND LA 19:** A P S was selected with the winning team for the design of the diversion CMAR project. A P S was the **Geotechnical Engineers of Record**. Mr. Sai is the Senior Design Engineer for the project design team.
03/19-05/19	**H.001344 / US 190 OVER BOGUE FALAYA RIVER:** A P S was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for the **foundation recommendation**. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Mr. Sai is the Senior Design Engineer for the project design team.

SECTION 17 PROJECT

Firm employed by	**APS Engineering and Testing, LLC**		
Name	**Mr. Surendra Raj Pathak, M.S., PE**	Years of relevant experience with this employer	9
Title	Staff Engineer	Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization		B.E. / 1998 / Civil Engineering; M.Sc. / 2007 / Civil Engineering; MSCE / 2013 / Civil Engineering	
Active registration number / state / expiration date		43487 / Louisiana / 09-30-2023	
Year registered	2019	Discipline	Professional Engineer, Civil
Contract role(s) / brief description of responsibilities		Role on this Project: **Geotechnical Engineer - Review field logs, lab data, and Design Engineer**	

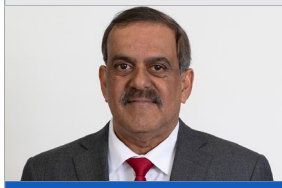
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
09/19-Present	**H.004100 / I-10 WIDENING LA 415 TO ESSEN LN:** A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 85 deep borings that included **land (77) and over water borings (8)** starting at the Washington Exit and ending at the Acadia Exit. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Additionally, 1000 Triaxial Compression tests (Unconsolidated Undrained) were performed to determine the soil strength. All laboratory testing was performed at our accredited Laboratory. Mr. Surendra was the staff engineer to the Geotechnical Field Investigations and analysis as assigned for project design.
08/16-10/16	**H.012422 / I-110 INTERCHANGE MODIFICATION AT TERRACE AVE:** A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of six (6) deep borings for the design of the Terrace Ave exit ramp. A P S performed all the **laboratory testing per ASTM standards** to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Additionally, 100 Triaxial Compression tests (Unconsolidated Drained) were performed to determine the soil strength. All laboratory testing was performed at our accredited Laboratory. Mr. Surendra was the staff engineer to the Geotechnical Field Investigations.
11/17-02/18	**PROJECT NO. H.013193 / US 61 THOMPSON CREEK BRIDGE REPLACEMENT:** A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of eight (8) deep borings for the replacement bridge at US 61 over Thompson Creek. A P S performed all the laboratory testing per ASTM standards to facilitate the **geotechnical design**. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Mr. Surendra was the staff engineer to the Geotechnical Field Investigations.
11/17-02/18	**H.002273, H.000710, AND H.001352 / COMITE RIVER DIVERSION BRIDGE AT LA 67, LA 19 AND LA 19 RAILROAD BRIDGE LA 67 AND LA 19:** A P S was tasked thru our DOTD geotechnical retainer to **drill and sample a total of 12 deep borings** for the new and replacement bridges at Highway 19, 67, and 964. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. Mr. Surendra was the staff engineer to the Geotechnical Field Investigations
11/19-12/20	**H.001352 AND H.002273 / COMITE RIVER DIVERSION BRIDGE AT LA 67, LA 19 AND LA 19 RAILROAD BRIDGE LA 67 AND LA 19:** A P S was selected with the winning team for the design of the diversion CMAR project. A P S was the **Geotechnical Engineers of Record**. Mr. Surendra is a design Engineer for the project design team.

SECTION 17 PROJECT

Firm employed by	**G.E.C., Inc.**		
Name	**Thomas Swanson, PE, PTOE**	Years of relevant experience with this employer	13
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 / 09-30-2024 1016 / US / 04-10-2024	
Year registered	2002 2006	Discipline	Professional Engineer, Civil 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 time specified in the applicable MPR(s).
 ***Tom has over 30 years of experience with transportation planning and traffic engineering***	*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.*
2011-2015	**LA 3152: CLEARVIEW PARKWAY CAPACITY IMPROVEMENTS: Jefferson Parish, LA.** *Traffic Engineer* - Mr. Swanson provided a study of existing alignment and recommended geometric improvements, specifically improvement of the Clearview/Airline Highway and Clearview/Mounes Ave. Intersections. Mr. Swanson performed the Stage 0 and was involved in the **Transportation Management Plan**.
05/14-12/15	**GNOEC, COLD MILL AND OVERLAY THE EAST AND WEST CAUSEWAY BLVD APPROACHES: Mandeville, LA.** *Traffic Engineer* - Mr. Swanson provided **traffic engineering services** for numerous extended-term data collection of 24-hour counts to mill and overlay the Causeway Blvd. approaches in conjunction with GEC's ongoing contract.
SECTION 17 PROJECT 09/19-Present	**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.
2018	**FLEUR DE LIS BLVD IMPROVEMENTS: New Orleans, LA.** *Traffic Engineer* - Mr. Swanson performed a **Highway Safety Analysis** and designed the striping and signage for the roadway, which included crosswalks and roadside parking.
2013	**ESSEN LANE WIDENING, DISTRICT 61: Baton Rouge, LA.** *Traffic Engineer* - Project included widening and improvements of Essen Lane in Baton Rouge between Jefferson Highway and I-10, by adding additional lane in the southbound direction. Mr. Swanson designed modifications and enhancement of existing signals, and the development of a Transportation Management Plan.
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.
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.

Firm employed by	**G.E.C., Inc.**		
Name	**Keith Rebello, PhD, PE**	Years of relevant experience with this employer	24
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 / 03-31-2023		
Year registered 1992	Discipline: Professional Engineer, Civil		
Contract role(s) / brief description of responsibilities	Role on this Project: **Bridge Coordination**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
 **Keith has 30 years of experience with bridge design services**	*Dr. Rebello has 30 years of structural engineering experience following his 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.*
07/12-Present **SECTION 17 PROJECT**	**H.003074 / I-10 WIDENING, WILLIAMS TO VETERANS: Jefferson Parish, LA.** *Structural Engineer* - This project includes 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. Dr. Rebello is the Project Manager for this project and oversaw the structural design, plan preparation and Q.C.
04/13-Present	**LA 1 BRIDGE, LEEVILLE TO GOLDEN MEADOW: Lafourche Parish, LA.** *Structural Engineer* - Dr. Rebello serves 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 consists of prestressed concrete Type III girder spans. The new bridge portions will be supported on special new
08/91-12/92	**S.P. 455-08-0097 / I-49/I-20 INTERCHANGE: Shreveport, LA.** *Project Engineer* - Dr. Rebello was responsible for the design of abutments, bridge bents and the realignment of retaining walls for two intersecting 2-span continuous composite plate girder bridges.
04/19-12/21	**H.013542 / CHEVELLE AND SARASOTA DRIVE BRIDGE REPLACEMENTS: Baton Rouge, LA.** *Structural Project Manager* - 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 is the Project Manager for this project and is overseeing the structural design, plan preparation, quantity estimates, as-designed rating, and quality control.
07/15-Present	**H.004273.5 / I-49 CONNECTOR: Lafayette, LA.** *Structural Engineer* - This project includes **bridge design** & construction of a freeway with accompanying interchanges in the Evangeline Thruway US 90/US 167 corridor and flanking collector/distributor roads for local traffic circulation and land access. The project begins just south of the Lafayette Regional Airport and continues north to the I-10/US 167/I-49 interchange, a length of approximately five miles. Dr. Rebello performed grillage analyses to design three-span continuous steel tub girders as a viable alternative to other bridge span types.
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.

Firm employed by	**G.E.C., Inc.**		
Name	**Mickey Prattini Jr., PE**	Years of relevant experience with this employer	7
Title	Electrical Section Manager	Years of relevant experience with other employer(s)	11
Degree(s) / Years / Specialization		B.S. / 2004 / Electrical Engineering	
Active registration number / state / expiration date		35993 / Louisiana / 03-31-2023	
Year registered	2011	Discipline	Professional Engineer, Electrical
Contract role(s) / brief description of responsibilities		Role on this Project: **Electrical/Lighting Coordination**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
 **Mickey has 18 years of experience**	*Mr. Prattini's more than 18 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 has consistently managed client and stakeholder relations along with design challenges to produce quality deliverables in line with the project's delivery schedule.*
09/19-Present	**LASAFE AIRLINE AND MAIN STREET COMPLETE STREETS: St. John the Baptist Parish, LA.** *Electrical Engineer of Record* - Mr. Prattini designed and supervised the **electrical design of the roadway lighting system**. This project involved the design and illumination of a shared use path along Airline Highway that will connect to Main Street. This shared use path 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.
06/15-Present	**RETAINER NO. 44-2746, T.O. H.010916 / PRIEN LAKE MAIN SPAN RE-DECK: Lake Charles, LA.** *Quality Control / Electrical Engineer of Record* - Mr. Prattini performed **Quality Control** for this project for one task order, and is the **Electrical Engineer of Record** for a separate task order. Project makeup consists of the following types of roadway lighting standards: 12 ground-mount low mast and 50 barrier-mount low mast. GEC provided design services under two Task Orders and will provide CE&I under a third.
02/16-05/18	**RETAINER NO. 44-2746, T.O. H.003462 / I-12 AT NORTHSHORE BOULEVARD INTERCHANGE LIGHTING: Slidell, LA.** *Quality Control* - Mr. Prattini performed **Quality Control** for this project. Services included design, development of plans and specifications, and CE&I as required.
11/16-02/17	**RETAINER NO. 44-2746, T.O. H.010440 / I-210 OVER CALCASIEU RIVER WEST OF I-10 INTERSTATE LIGHTING: Lake Charles, LA.** *Quality Control*- Mr. Prattini performed **Quality Control** for this project. Services include feasibility study, design, development of plans and specifications, and CE&I as required.
01/17-06/18	**RETAINER NO. 44-2746, T.O. H.012602 / MORRISON ROAD INTERSTATE LIGHTING: New Orleans, LA.** *Quality Control* - Mr. Prattini performed **Quality Control** for this project. Project limits included the I-10 / Morrison Road Interchange. GEC provided design and construction services under two separate Task Orders.
02/17 – Present	**RETAINER NO. 44-2746 & RETAINER NO. 44-11354 T.O. H.012469, US 190: MISSISSIPPI RIVER BRIDGE – NAVIGATION LIGHT REPLACEMENT: Baton Rouge, LA.** *Quality Control / Electrical Engineer of Record* - Mr. Prattini performed **Quality Control** under retainer 44-2746 and **Engineer of Record** under retainer 44-11354. Project makeup consists of installing a new generator, navigation lighting, and aviation lighting. GEC provided design services only under this contract.
6/20-Present	**H.007300 / LADOTD, KANSAS LN. – GARRETT RD. CONNECTOR: Monroe, LA.** *Electrical Engineer of Record* - Mr Prattini is **overseeing the electrical design** of the project. Design task included construction plan set development, photometric calculations, voltage drop and conduit fill calculations, conductor sizing, equipment specifications, arc flash hazard analysis, and protective device sizing.

17. Firm Experience

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 project is on US Hwy 11 at its intersection with the St. Tammany Parish flood protection levee near Lake Pontchartrain. The Parish funded the design of the project and LADOTD funded its construction. The plans and specifications were produced by GEC in conformance with LADOTD standards. GEC understood the importance of this project to St. Tammany Parish and, to ensure that the Parish didn't 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.

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**. 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. The project was complicated by the presence of Schneider Canal (approximately 90-100 feet 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-foot length to 200-feet. A well-planned 3-phase sequencing plan enabled maintenance of traffic throughout construction. 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. Low bid for the construction was $4.9 million and construction of the project was completed in 2018. In addition, the levee, which was part of this project, was completed before the start of hurricane season.

FIRM MEMBERS INVOLVED: *Jerome Lohmann, PE*

This was the first project ever designed with LADOTD specifications that included a levee.

Similarities to the Scope of Work

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

Firm Name	**G.E.C., Inc.**			Past Performance Evaluation Discipline(s)*	**Road**
Project Name	**I-10 Widening, Williams Blvd. to Veterans Blvd.**			Firm responsibility (prime or sub?)	Prime
Project Number	H.003074	Owner's Name	LADOTD		
Project Location	Jefferson Parish, Louisiana			Owner's Project Manager	Timothy Nickel
Owner's address, phone, email	1201 Capital Access Road, Baton Rouge, LA 70804, (225) 379-1110, timothy.nickel@la.gov				
Services commenced by this firm (mm/yy)	07/12	Total consultant contract cost ($1,000's)	$ 7,981		
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)	$ 5,088		

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

GEC is currently designing the **widening of I-10 between Williams Boulevard and Veterans Boulevard** interchanges in Jefferson Parish. Final design plans are more than 95% complete. The total project length is 2.13 miles and consists of the 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 will 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 be replaced utilizing 32 custom-designed slab spans, 60 PPC girder spans, and 2 steel girder spans. Sound barriers are included on the north side of the I-10 westbound bridges.

The new GEC-designed bridges over Canal No. 3 and Veterans Blvd. will be constructed in 3 phases to maintain 3 lanes of traffic on I-10 in each direction at all times. PHASE I: a section of the new westbound bridge will be built in the existing median and designed to carry 3 lanes of traffic. The eastbound traffic will be diverted from the existing eastbound bridge to the new Phase I bridge in the median. PHASE II: the existing eastbound bridge will be demolished and replaced with a new bridge designed to carry 4 lanes of traffic and one auxiliary lane. Once completed, the eastbound traffic will be re-routed from the Phase I bridge onto the new eastbound bridge. The westbound traffic will be diverted from the existing westbound bridge onto the Phase I bridge in the median. PHASE III: the existing westbound bridge will be demolished and the second half of the new westbound bridge will be constructed. Once completed, the entire new westbound bridge will be opened to traffic and will be designed to carry 4 lanes of traffic. Sound barriers are included on the north side of the I-10 westbound bridges.

GEC completed an inspection and bridge load rating report 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. Upon completion of this report, it was recommended that the bridges be replaced. This recommendation was accepted by the client and GEC is currently performing final plans.

GEC's lighting design department performed lighting design on the interchanges within the project limits - namely, Williams Blvd., Power Blvd., and Veterans Blvd. The lighting design included photometric analyses of the existing lighting system with the proposed roadway geometry and analyzes the design issues found during GEC's review.

Similarities to the Scope of Work
• **Overlays and Preservation**
• **Embankment and Drainage**
• **Preliminary and Final Roadway and Bridge Plans**

GEC is at the 95% plan submittal stage for the design of roadway and structural plans for this highly congested urban freeway. It includes phased sequence of construction in order to maintain a minimum of 3 lanes of traffic during construction in peak travel hours for Jefferson Parish commuters.

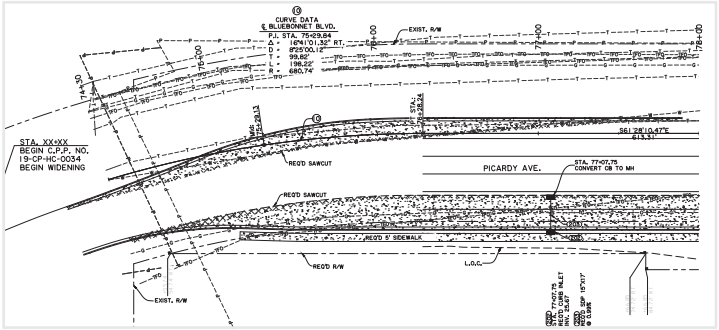
FIRM MEMBERS INVOLVED: *Cary Bourgeois, PE, Jerome Lohmann, PE, Keith Rebello, PhD, PE, Christopher Nipper, PE, Logan Michel, PE, Brandon Abbott, EI*

Firm Name	**G.E.C., Inc.**	Past Performance Evaluation Discipline(s)*	**Road**
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)	$ 1885
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.

GEC was selected by the City-Parish of East Baton Rouge to **design an additional lane in each direction on Bluebonnet Blvd.,** currently a four-lane roadway between Perkins Road and Picardy Avenue, along with redesigning the existing bridges over Dawson Creek. GEC completed a design study and is currently in the final design phase for a six-lane boulevard, curb and gutter roadway with subsurface drainage, green infrastructure and pedestrian facilities. GEC's design is in accordance with MOVEBR Design Guidelines and Consultant Services Manual. GEC's design study included preliminary horizontal/vertical alignments and intersection geometry based on LIDAR information.



Similarities to the Scope of Work

- **Striping or Signage Improvements**
- **Intersection Modifications / Safety Features**
- **Embankment and Drainage**
- **Preliminary and Final Roadway and Bridge Plans**
- **Level 2 Transportation Management Plan (TMP)**

GEC was tasked with threading an additional lane through this narrow, highly-congested corridor with underground utilities

GEC provided a hydraulic analysis for 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 performed 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 and is currently performing design and construction plan development of the replacement bridges.

The existing separated bridges provide for two (2) traffic lanes in both the southbound and northbound directions. The new bridges will provide five (5) lanes of traffic (three (3) through and two (2) turn lanes) in the southbound direction and three (3) lanes of through traffic in the northbound direction. The southbound bridge will have a clear roadway width of 58'-0" made up of five (5) 11-0" lanes and two (2) 1'-6" shoulders. On the northbound bridge, three (3) 11'-0" lanes and two (2) 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). The assumed bridge structure consists of three 80'-0" LG-36 pre-stressed concrete girder spans with cast-in place concrete decks. All spans contain parallel girders and do not have any end skews. The cast-on-place abutments will be supported by two (2) rows of 16" square pre-stressed concrete piles and the intermediate bents will consist of cast-in-place concrete caps supported by 24" square precast pre-stressed concrete piles. The bridge design will incorporate a construction phasing that ensures 2-lanes of traffic at all times in both directions. The temporary traffic lanes will be 11'-0" wide and no shoulders will be provided. Phasing will be as follows: Phase I: Construction of a bridge in the median between the 2 existing bridges; Phase II: Demolition and re-construction/widening of the existing southbound bridge after southbound traffic is re-directed on to the median bridge; Phase III: Demolition and re-construction/widening of the existing northbound bridge after moving southbound traffic on to the new southbound bridge and re-directing northbound traffic on to the median bridge. GEC will also provide a complete analysis of the existing drainage system to determine its adequacy and necessary modifications following completion of a topographic survey. GEC is participating in public and other agency meetings, including bi-weekly status meetings.

FIRM MEMBERS INVOLVED: *Cary Bourgeois, PE, Keith Rebello, PhD, PE, Jerome Lohmann, PE, Chris Nipper, PE*

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	Rene Pastorek
Owner's address, phone, email	1811 W. Airline Hwy., LaPlace, Louisiana 70068, (985) 651-5565 ext. 1154, r.pastorek@stjohn-la.gov		
Services commenced by this firm (mm/yy)	09/19	Total consultant contract cost ($1,000's)	$ 1,160
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)	$ 1,160

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.

GEC was selected to provide 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 range 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). 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.

For the project, GEC developed typical sections and preliminary layout for the project, which consists of a 10' and 5' sidewalk along the north side of US 61. Existing ditches will have pipes added and be reshaped to provide detention ponds to reduce time of concentration. Along Main St. (LA 44), GEC is providing 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 will connect to Main St. (LA 44) and will accommodate pedestrians and bicyclists. This includes additional illumination design for the 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 have been completed in accordance with the LADOTD Roadway Design Procedures and Details Manual. Additionally, staff developed fees for all costs from surveying to construction. The project is currently under construction with an estimated completion of June 2023.

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, Brian Buckel, PE*

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

Similarities to the Scope of Work

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

Firm Name	**G.E.C., Inc.**	Past Performance Evaluation Discipline(s)*	**Road**
Project Name	**Mid-City RR126 Group C, RR127 Group D, and RR128 Group E**	Firm responsibility (prime or sub?)	Prime
Project Number	N/A	Owner's Name	City of New Orleans
Project Location	New Orleans, Louisiana	Owner's Project Manager	Ainsley Fischer
Owner's address, phone, email	1300 Perdido St. Rm. 6W03, New Orleans, LA 70112, 504-658-8019, Ainsley.Fischer@nola.gov		
Services commenced by this firm (mm/yy)	09/19	Total consultant contract cost ($1,000's)	$ 1,918
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)	$ 1,918

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

* 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.

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

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

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

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

The **drainage analysis** resulted in the complete reconstruction of reinforced concrete subsurface drain lines ranging in size from 12" diameter to 36" diameter. The new drainage system included 15", 18", 24," 30", 36", and 48" diameter pipe

Similarities to the Scope of Work

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

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

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

FIRM MEMBERS INVOLVED: *Alex Flores, Jerome Lohmann, PE, Cary Bourgeois, PE, Brandon Abbott, EI, Logan Michel, PE, Jonathan Philley, EI*

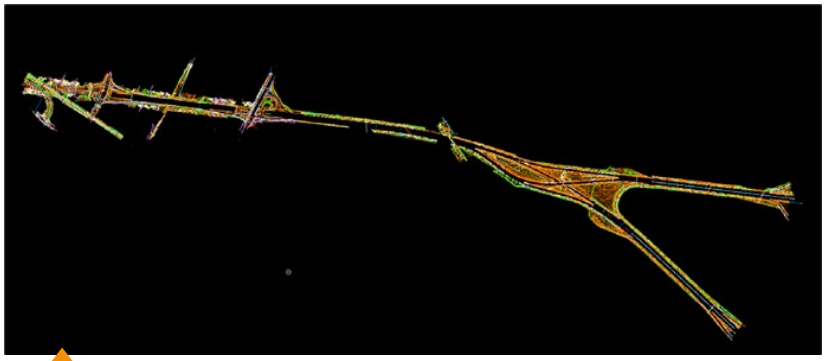
Firm Name	**Forte and Tablada, Inc.**			Past Performance Evaluation Discipline(s)*	**Survey**
Project Name	**I-10 (LA 415 to Essen Lane on I-10 and I-12) Survey**			Firm responsibility (prime or sub?)	Sub
Project Number	S.P. No. H.004100; F.A.P. No. H004100	Owner's Name	LADOTD		
Project Location	East and West Baton Rouge Parishes, LA	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)	$6,180.0		
Services completed by this firm (mm/yy)	06/19	Cost of consultant services provided by this firm ($1,000's)	$1,400.0		

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.

Forte and Tablada, Inc. was responsible 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.

FIRM MEMBERS INVOLVED: *Ross Wilson, PLS, Jace Ricard, PLS*



Forte and Tablada's Survey Region of the I-10/I-12 Corridor

Firm Name	**Forte and Tablada, Inc.**			Past Performance Evaluation Discipline(s)*	**Road**
Project Name	**Nicholson Drive at Brightside Lane/West Lee Drive**			Firm responsibility (prime or sub?)	Prime
Project Number	S.P. Nos. 700-17-0177, 41-01-0036, 742-17-0130	Owner's Name	City of Baton Rouge Department of Public Works		
Project Location	Baton Rouge, LA			Owner's Project Manager	Bryan Harmon
Owner's address, phone, email	P.O. Box 1471, Baton Rouge, LA 70821, 225-389-3186, bharmon@la.gov				
Services commenced by this firm (mm/yy)	10/08	Total consultant contract cost ($1,000's)			$804
Services completed by this firm (mm/yy)	04/20	Cost of consultant services provided by this firm ($1,000's)			$804

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.

The project entailed the development of preliminary and final plans to widen Nicholson Drive to provide northbound and southbound left-turn lanes, one through lane in each direction and one right turn lane in each direction. It would also require the existing City/Parish bicycle/pedestrian path to be relocated to fall within the railroad right-of-way, and widen the railroad crossing on Brightside Lane to provide one westbound lane, one eastbound left turn lane, one eastbound through lane and an eastbound combination through/right turn lane to widen West Lee Drive to provide two eastbound lanes, a westbound left turn lane, a westbound through lane and a westbound right turn lane. The design would adjust the grade and construct a tangent crown on Nicholson Drive to reduce the problems caused by the difference in grade between Nicholson Drive and the Illinois Central Railroad and replace the existing traffic signal system with new signal equipment.

FIRM MEMBERS INVOLVED: *Kresten Brown, PE*

Aerial Image of Nicholson-Brightside Intersection Designed by Forte and Tablada

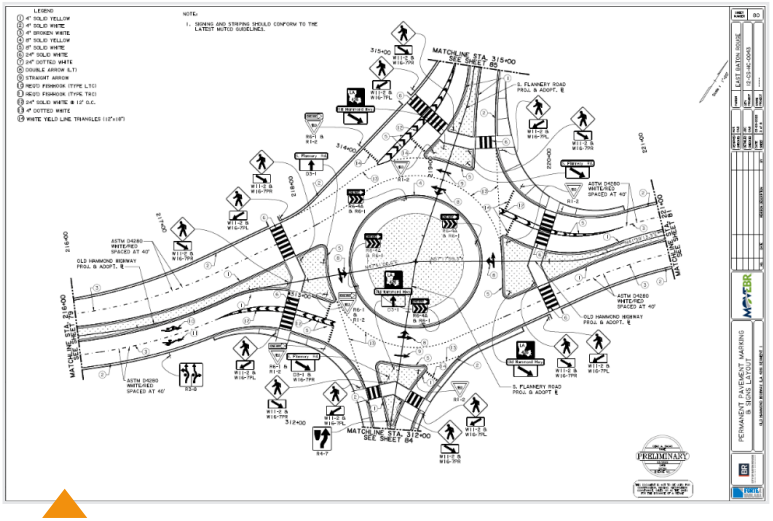
Firm Name	**Forte and Tablada, Inc.**	Past Performance Evaluation Discipline(s)*	**Road, Survey**
Project Name	**Old Hammond Highway Segment 1**	Firm responsibility (prime or sub?)	Prime
Project Number	N/A	Owner's Name	MOVEBR
Project Location	East Baton Rouge Parish, LA	Owner's Project Manager	Zach Schmidt, P.E.
Owner's address, phone, email	8555 United Plaza Blvd., Baton Rouge, LA 70809, (225) 831-2224, zach.schmidt@csrsinc.com		
Services commenced by this firm (mm/yy)	05/13	Total consultant contract cost ($1,000's)	$1,115
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)	$1,115

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

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

As part of the East Baton Rouge Parish MOVEBR program, Forte and Tablada is responsible for all phases of a capacity improvement project on Old Hammond Highway from 1500' west of the S Flannery Road intersection to Millerville Road. In addition to providing four travel lanes and sidewalks on Old Hammond Highway, this project will include a roundabout at the S Flannery Road intersection and will replace the existing timber bridge on S Flannery Road. The new bridge will be a concrete slab span bridge with a clear roadway width of 42' and 10' sidewalks on each side of the bridge. Scope of services for this project include Bridge and Roadway Design Studies, Topographic Surveying, Environmental Services, Right-of-Way plans, Hydraulic Studies, Traffic Engineering, Geotechnical Engineering, Lighting Design, and the development of Preliminary and Final Construction Plans.

FIRM MEMBERS INVOLVED: *Chad Bacas, PE, Allison Schilling, PE*



Old Hammond Highway Permanent Pavement Marking & Signs Layout

Firm Name	**Vectura Consulting Services, LLC**	Past Performance Evaluation Discipline(s)*	**Traffic**
Project Name	**I-12 To Bush - LA 3241 (I-12 – LA 36) Corridor Study**	Firm responsibility (prime or sub?)	Sub
Project Number	H.004957.5	Owner's Name	LADOTD
Project Location	Lacombe, LA	Owner's Project Manager	Joachim C Umeozulu, P.E
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1386, Joachim.Umeozulu@la.gov		
Services commenced by this firm (mm/yy)	09/16	Total consultant contract cost ($1,000's)	$1,895.000
Services completed by this firm (mm/yy)	05/17	Cost of consultant services provided by this firm ($1,000's)	$84.000

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

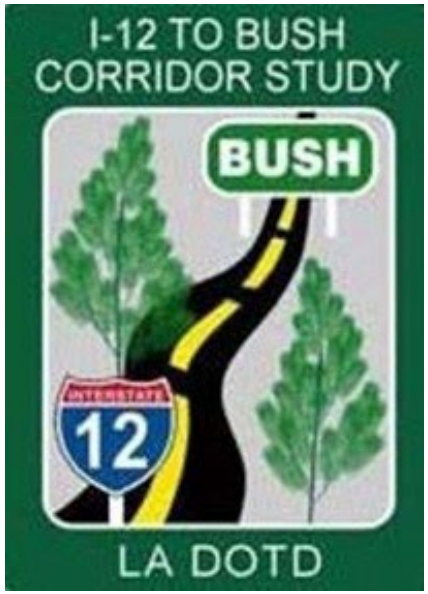
* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.

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

Task 1 Data Collection

Vectura collected the following traffic data for 10 intersections:

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



Task 2 Traffic Study

This task included a roundabout study as defined in EDSM VI.1.1.5, VI.1.1.1 and

DOTD Traffic Engineering Manual Section 20.2. This task included the following elements:

- Performed Vistro and Sidra analyses for existing conditions
- Performed Vistro and Sidra analyses for Implementation and Design Years.
- Intersection alternatives included restricted median openings, signalized and unsignalized intersections, median U-turns at existing signal locations, restricted crossing U-turn (RCUT) intersections, and roundabouts
- Developed Vissim model of the preferred corridor layout
- Developed Draft Traffic Study Report (3 copies)

Task 3 Safety Analyses

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

FIRM MEMBERS INVOLVED: *Brin Ferlito, Laurence Lambert*

Firm Name	**Vectura Consulting Services, LLC**			Past Performance Evaluation Discipline(s)*	**Traffic**
Project Name	**Belle Chasse Bridge & Tunnel Replacement PPP**			Firm responsibility (prime or sub?)	Sub
Project Number	H.004791	Owner's Name	LADOTD		
Project Location	Belle Chasse, LA		Owner's Project Manager	Nicholas Olivier, PE	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1133, Nicholas.olivier@la.gov				
Services commenced by this firm (mm/yy)	04/19	Total consultant contract cost ($1,000's)		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.

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 (RFIs)
- As-built plans for the traffic signals

FIRM MEMBERS INVOLVED: *Brin Ferlito, Laurence Lambert, Prasanth Malisetty, Reece Rodrigue*

Firm Name	**Vectura Consulting Services, LLC**			Past Performance Evaluation Discipline(s)*	**Traffic**
Project Name	**Roundabout: US 171 at Boone St.**			Firm responsibility (prime or sub?)	Sub
Project Number	H.011909.5-4	Owner's Name	LADOTD		
Project Location	Vernon Parish, LA	Owner's Project Manager	Josh Harrouch		
Owner's address, phone, email	PO Box 94245 Baton Rouge, LA 70804-9245, (225) 242-4640, Joshua.Harrouch@LA.GOV				
Services commenced by this firm (mm/yy)	11/20	Total consultant contract cost ($1,000's)	unknown		
Services completed by this firm (mm/yy)	12/21	Cost of consultant services provided by this firm ($1,000's)	$82.045		

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

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

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

Roundabout Pavement Marking QC Review

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

Temporary Traffic Signal Design

Vectura performed following design tasks to develop temporary traffic signal plans:

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

FIRM MEMBERS INVOLVED: *Brin Ferlito, Laurence Lambert, Prasanth Malisetty, Reece Rodrigue*

Firm Name	**APS Engineering and Testing, LLC**	Past Performance Evaluation Discipline(s)*	**Geotech**
Project Name	**I-10 Widening LA 415 to Essen LN**	Firm responsibility (prime or sub?)	Prime
Project Number	H.004100	Owner's Name	LADOTD
Project Location	Baton Rouge, LA	Owner's Project Manager	Kristy Smith, P.E.
Owner's address, phone, email	1201Capitol Access Rd., Baton Rouge, La. 70802-4438, 225-379-1016, Kristy.Smith2@la.gov		
Services commenced by this firm (mm/yy)	09/19	Total consultant contract cost ($1,000's)	N/A
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)	$ 400

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.

Geotechnical Investigation to provide client with the necessary information for planning and design I-10 widening. A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of **85 deep borings** that included land (77) and over water borings (8) starting at the Washington Exit and ending at the Acadia Exit. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All **laboratory testing** was performed at our accredited Laboratory. Additionally, 1000 Triaxial Compression tests (Unconsolidated Undrained) were performed to determine the soil strength. All laboratory testing was performed at our accredited Laboratory.

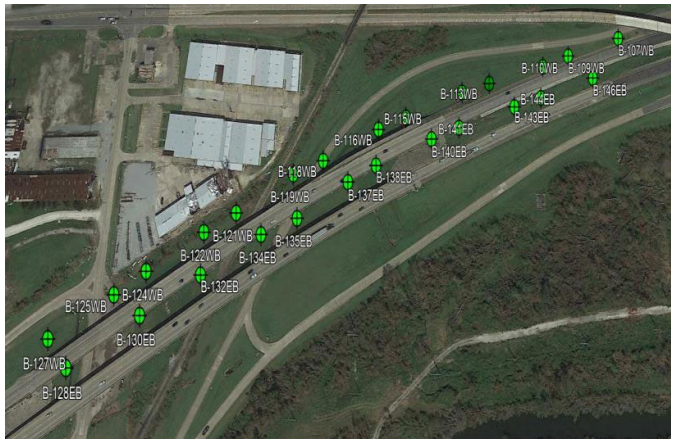
FIRM MEMBERS INVOLVED: *Sergio Aviles, PE, Sai Eddanapudi, M.E., PE, Surendra Raj Pathak, M.S., PE*

Firm Name	**APS Engineering and Testing, LLC**	Past Performance Evaluation Discipline(s)*	**Geotech**
Project Name	**I-10 Calcasieu River Bridge**	Firm responsibility (prime or sub?)	Prime
Project Number	H.003931	Owner's Name	LADOTD
Project Location	Calcasieu Parish, LA	Owner's Project Manager	Kristy Smith, P.E.
Owner's address, phone, email	1201Capitol Access Rd., Baton Rouge, La. 70802-4438, 225-379-1016, Kristy.Smith2@la.gov		
Services commenced by this firm (mm/yy)	06/21	Total consultant contract cost ($1,000's)	N/A
Services completed by this firm (mm/yy)	11/21	Cost of consultant services provided by this firm ($1,000's)	$ 247

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.

Geotechnical Investigation to provide client with the necessary information for planning and design a new I-10 Calcasieu bridge. A P S was tasked thru our DOTD geotechnical retainer to **drill and sample** a total of 26 deep borings. A P S performed all the **laboratory testing per ASTM standards** to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory.



FIRM MEMBERS INVOLVED: *Sergio Aviles, PE, Sai Eddanapudi, M.E., PE, Surendra Raj Pathak, M.S., PE*

Firm Name	**APS Engineering and Testing, LLC**	Past Performance Evaluation Discipline(s)*	**Geotech**
Project Name	**I-10 Loyola Interchange Improvements**	Firm responsibility (prime or sub?)	Prime
Project Number	H.011670	Owner's Name	LADOTD
Project Location	Jefferson Parish, LA	Owner's Project Manager	Kristy Smith, P.E.
Owner's address, phone, email	1201Capitol Access Rd., Baton Rouge, La. 70802-4438, 225-379-1016, Kristy.Smith2@la.gov		
Services commenced by this firm (mm/yy)	06/18	Total consultant contract cost ($1,000's)	N/A
Services completed by this firm (mm/yy)	10/18	Cost of consultant services provided by this firm ($1,000's)	$ 300

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.

Geotechnical investigation to provide client with the necessary information for planning and design a new Interchange to connect to the new airport terminal. **A total of 33 borings were completed**. A P S performed all the laboratory testing per ASTM standards to facilitate the geotechnical design. Soil classification tests such as, natural moisture contents, Unconsolidated Undrained, liquid and plastic limits, unit weight, grain-size analyses, consolidations, and specific gravity were performed. All laboratory testing was performed at our accredited Laboratory. DOTD tasked this project to A P S with accelerated program to meet their bidding deadline. A P S was successful to meet LADOTD ahead of their deadline and under budget to help keep the project on track.

FIRM MEMBERS INVOLVED: *Sergio Aviles, PE, Sai Eddanapudi, M.E., PE, Surendra Raj Pathak, M.S., PE*

Section 18

This graphic outlines some example project types and scope elements that may be issued as a part of this contract, considerations to approach, similar projects, and past performance narratives.

The GEC Team is equipped with lessons learned and the knowledge of how to proactively approach these various types of projects to provide successful and timely deliverables.

OVERLAYS / RECONSTRUCTION

APPROACH: Assess existing conditions, follow guidelines outlined in the Guidance for PRR Projects, 3R Minimum Design Guidelines, and LADOTD Road Design Manual as needed to expedite schedule.

RELEVANT GEC PROJECTS: US 190 (LA Hwy 22 to I-12) Widening and Resurfacing, H.007259 Fleur de Lis Blvd. Reconstruction, H.007213 WB Veterans: Severn Ave. - Clearview Parkway

ROADWAY / BRIDGE PLANS

APPROACH: Prepare report including cost analysis to analyze feasibility & determine most economical structure based on load rating & condition reports. Maintain project limits within ROW to avoid impacts to environmentally sensitive areas.

RELEVANT GEC PROJECTS: H.004540 LA 1: Leeville to Golden Meadow (Phase 2), H.003074 I-10: Williams Blvd. to Veterans Blvd., Bluebonnet Blvd. (Perkins Road to Picardy Avenue), H.011435 US 11 Improvements at Schneider Canal

INTERSECTION IMPROVEMENTS

APPROACH: Utilize LADOTD EDSMs for applicable improvement, host public meeting if necessary, follow guidelines outlined in LADOTD's Road Design Manual Chapter 6.

RELEVANT GEC PROJECTS: West Napoleon/Causeway Blvd. Intersection Improvements, H.008046 Mill and Overlay, Intersection Improvements including Additional Turn Lanes, US 190 Collins Blvd. Right Turn Lane at Lee Road

ENVIRONMENTAL PERMITTING

APPROACH: Deploy field staff to complete necessary wetland delineations, biological assessments, Phase I ESAs if LADOTD requires services.

RELEVANT GEC PROJECTS: H.004987 US 190/Collins Blvd. Widening EA, H.004983 US Highway 11 Widening EA, Highland Road Improvements

CONSTRUCTION SERVICES

APPROACH: Engage our suite of construction experts to develop pre-bid activities, bid documents, and contract documents to expedite contract award.

RELEVANT GEC PROJECTS: H.003003 I-10 Widening, LA 328 to I-49, H.010601 I-10 Widening, LA 347 to LA 328, H.004932, US 90 (Future I-49 South), LA 318 Interchange, Route US 90

DOTD PAST PERFORMANCE NARRATIVES

"The consultant demonstrated an effective knowledge of DOTD's policies and procedures and was responsive to modifications to those procedures at the request of DOTD. The submitted plans were of very high quality and were very comprehensive for preliminary plans."

"It was apparent throughout the plan development and submittal process that the consultant has very good understanding of the structural design of a very complex structure. The deliverables were thorough and of good quality."

"The consultant submitted a very good set of final plans. The consultant addressed the final plan comments quickly and correctly."

"GEC has exceptional knowledge of procedures for field surveys and needs little to no guidance from DOTD. Submittals required no major edits prior to submittal to regulatory agencies."

"GEC staff was very deligent with analyzing the contractor's CPM schedule. They assisted the Department with analysis of contractor claims for time due to utility delays etc. Were always very responsive to any questions or concerns that the Department had."

IDIQ Contract for Roadway Design Services

Summary of Experience

G.E.C., Inc. (GEC) is pleased to offer LADOTD a team significantly experienced in providing surveying, preliminary and final roadway and bridge plans, design services for the environmental process, traffic engineering, cost estimates and analyses, geotechnical engineering, hydraulic analysis and design, sanitary and storm drainage, development of special provisions, transportation management plans (TMPs), quality plan reviews, and construction services for LADOTD projects. **The GEC Team will provide the required services as needed to provide the highest quality and success for projects to advance to successful construction.**

> GEC, along with team members Vectura Consulting Services, LLC (Vectura), APS Engineering, and Testing (APS), both DBE firms, and Forte & Tablada (F&T) provides LADOTD all required services to meet the needs of this IDIQ contract. Vectura will provide all traffic engineering services, APS will provide all geotechnical engineering services, and F&T will provide all surveying services and assist in roadway design services.

GEC's 36+ year portfolio of road and bridge projects is diverse, ranging from pavement preservation projects and overlays for local 2-lane roadways to new multi-lane urban roadways and interstate widening. Our team of professional engineers and support staff have significant experience in the design of all major AASHTO highway classifications. 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 and District staff with the skill to exceed LADOTD's expectations for the various task orders, which may be issued under this IDIQ contract. 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.

GEC has extensive IDIQ contract management experience with LADOTD IDIQs. For the last 8 years, GEC has successfully managed 3 CE&I IDIQ contracts for LADOTD which has included over 9 task orders. In addition, GEC has performed professional services for LADOTD through Electrical and ITS IDIQ contracts.

Scope Understanding

The GEC Team understands the importance of LADOTD having an IDIQ as a valuable tool to assist in delivering roadway design services. GEC is available and ready to step in and work with them to deliver roadway projects on time, obligating the funding before and by the deadline. 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. Since this an IDIQ, the project approach will vary depending on the scope and any previous studies and work that may have already been performed. We understand the Highway Priority Program and the goals for prospective outcomes as well as the annual obligation of the federal funding budget partitions. **The GEC Team stands ready to serve as an extension of the LADOTD staff to provide effective design solutions while implementing cost-saving methods where identified and being responsive and attentive throughout the project.**

GEC Project Manager, Jerome Lohmann, PE, will serve as the primary contact and will work to provide deliverables in adherence to the approved schedule. For over 38 years, he has managed and designed numerous design projects to LADOTD standards. **This includes the LASAFE Airline and Main Street project, rendering pictured above, which utilized LADOTD Roadway Design Procedures and Details Manual.**

Approach

GEC understands LADOTD's typical sequence of project development and will complete all tasks that are part of each required submittal. 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 LADOTD'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. We will identify stakeholders (permitting agencies, landowners, utilities, railroads, and others as appropriate), and 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.

The types of task orders that may be issued as a part of this contract aligns 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, signage and striping improvements, full reconstruction, roundabouts and other intersection improvements, embankment and drainage, general line and grade studies, resurfacing, turn lanes, and more.

Methodology

GEC will perform all engineering services in support of roadway design as required to prepare Preliminary and Final Roadway Plans and associated services for roadway projects. The Team will follow the standard steps outlined in the LADOTD Road Design Manual & by following relevant guidelines as applicable to the issued task order. A sample project schedule is included (Figure 1) displaying a typical task order that would be issued as a part of the contract. GEC's Project Manager will continuously update the schedule throughout the project process and submit it monthly as a part of the invoice packet and with each project milestone. The schedule will include each task, estimated

completion dates, percent complete, and actual dates. Suitable reoccurring project meetings will be scheduled for both the internal team and the external team as needed as the project progresses. 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:

Project Kickoff

Once a project is assigned by Task Order, and a Notice to Proceed (NTP) is issued, GEC will hold a kick off meeting with LADOTD staff to determine the status and scope of the project. One of the most import activities in the TEPR and roadway design process process is the kick-off meeting. It is vitally important to ask the right questions so that consultant and LADOTD are starting the project in alignment. The steps for this work will include:

1. Field review to determine any constraints, including: right-of-way, drainage, utilities, railroad, and other design and construction impacts.
2. Preliminary pre-design criteria and LADOTD Minimum Design Guidelines will be established before and will be reviewed at the meeting.
3. Traffic data, geotechnical data, pavement design, as-built plans, environmental documents, and other relevant data that is available will be requested and reviewed at this meeting. If the project requires environmental clearance, GEC has the experience and the staff to provide these services.
4. Project point of contacts, schedule, budget, invoicing procedures, QA/QC procedures, QA/QC plan documents, project schedule, and other project management tasks will be discussed & established.
5. Minutes from this meeting will be prepared, distributed to attendees, and will become a part of the official project record.

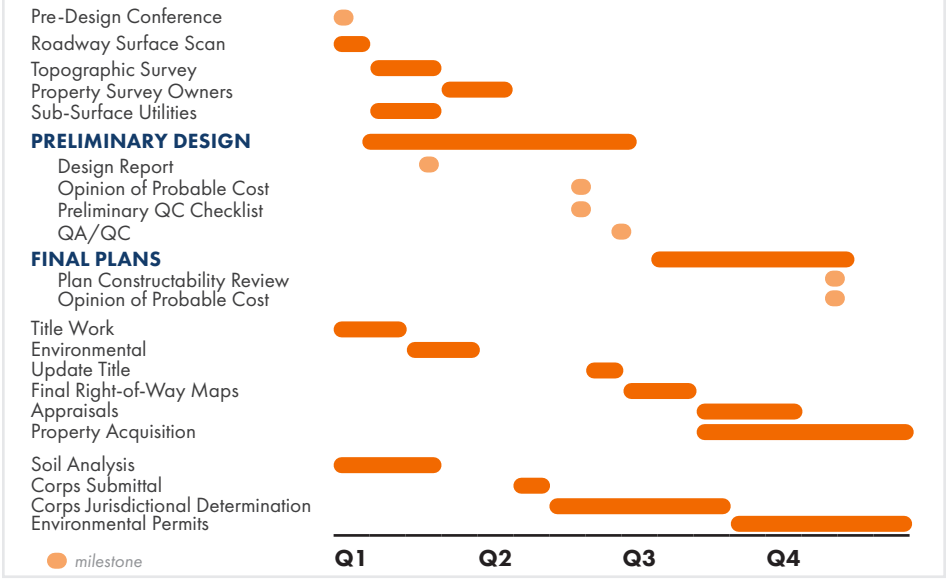
Topographic Surveys

F&T will perform survey services to provide topographic surveys and other field information necessary for the design and development of plans. F&T will ensure that topographic survey adheres to all modern survey theory, practice, and procedures and will follow the latest version of the LADOTD Location Survey Manual and Procedures. 3D Terrestrial Scanning may be utilized in conjunction with traditional means and methods to capture topography as applicable for each site and will adhere to all LADOTD Standards as related to Terrestrial and Mobile Scanning. The steps F&T will generally follow for a task order issued through this IDIQ include:

1. F&T will identify survey limits and determine the best surveying approach to complete the project in the most efficient timeframe and cost efficient manner. If a specific nonstandard method of surveying is recommended, then F&T and GEC will work with LADOTD to get the approval if possible. Once the NTP is received, a sketch of the survey line will be submitted to LADOTD prior to proceeding with the survey.
2. Obtain right-of-entry agreements; property owners along the corridor will be contacted in order to access properties during design.
3. Once approved, property surveys, establish primary control, TBM's, and coordination with the landowners. In the same vein, the office will start accumulating record/as-built data, title take offs, and perform an LA One Call for utilities and right-of-way and any other data throughout the project to the final submittal of the survey.
4. Perform Topographic Survey
   a. All roadway, drainage, driveways, structures, trees, buildings, apparent ROW, and any other necessary information will be captured
   b. Utility Survey- Prioer to, an LA OneCall will be initiated in order for the utilities to be marked before the survey. The surveyors will meet with the utility companies on site and will work alongside them during the marking and will request any relevant paper of digital maps and data.
5. Establish ROW if necessary- Title take offs will be requested from LADOTD or obtained from local courthouse, horizontal control monuments will be established, property lines will be established, and sketches developed.
6. Process Survey Data- All survey data will be processed including developing a DTM, and will be generated in accordance with the LADOTD Location Survey Manual
7. Drainage Map- The existing drainage map displaying the drainage features, FEMA floodplain areas, laterals, ditches, and other features will be developed.
8. The survey, which includes the standard Inroad files (FWD, ALG, DTM, CSV, etc.), will be forwarded to the prime with a letter of certification to adherence to all LADOTD standards that will be signed and sealed by the supervising professional land surveyor. At any time after submittal, if there is a defection is found in the survey

FIGURE 1. **SAMPLE PROJECT SCHEDULE**

This schedule represents the order of tasks anticipated for a typical road design task order issued by this IDIQ



scope area or a clarification is needed, F&T will update the survey to the prime. These requests are in the limits and parameters of the original approved scope.

F&T can first perform a roadway surface scan in order to provide existing information to the roadway design team so that design activities can begin before survey is complete; this **results in accelerated submittals; thus, cost and time savings to the owner**.

Preliminary & Final Roadway Design, Plan Development & Cost Estimates

GEC is very familiar with the LADOTD Road Design Manual, Bridge Design Manual, EDSM's, Standard Specifications for Roads and Bridges, Minimum Design Guidelines, & other LADOTD related guidelines, specifications, & standards. Due to 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, as our team members are utilizing this software now. 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.

30% PRELIMINARY PLANS

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

60% PRELIMINARY PLANS

a. Revise based upon comments received in 30% Preliminary Plan review
b. Existing and proposed hydraulics calculations and map
c. 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)

a. Revise based upon comments received in 60% Preliminary Plan Review
b. 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
c. 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
d. 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

a. Revise based upon comments received in 95% Plan-In-Hand Review
b. Final right-of-way taking lines transmitted to location and survey
c. Permit sketches, if needed; at this time environmental clearance may be necessary. The GEC Team has staff to provide for any required environmental tasks.
d. Preliminary cost estimate

60% FINAL PLANS

a. Revise based upon comments received in 100% Preliminary Plan Review
b. Final typical sections and hydraulic design
c. 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)

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

98% FINAL/100% FINAL PLANS

a. Advance check print comments addressed, revise plans and cost estimates as necessary
b. Develop final cost estimate, specifications, and any necessary special provisions
c. Other items may include SWPPP, final design report, etc.
d. Signed and sealed plans are transmitted to contracts and specifications and general files

GEC will evaluate Complete Streets opportunities where required, understanding that providing facilities for all users, including pedestrians & bicyclists, is a necessary component of design. GEC will follow the LADOTD Complete Streets Policy & Minimum Design Guidelines if such facilities are required.

Traffic Control Design, Traffic Signal Analysis and Design, TMPs

Vectura will perform all necessary traffic tasks to complete the task order. All proposed engineers for the project of Vectura have completed the LADOTD Traffic Engineering Process and Report (TEPR) class and are certified PTOE's. Vectura will provide all engineering services necessary for the design and analysis of traffic control features on road design projects in accordance with LADOTD's sign manual, pavement marking manual, traffic signal manual, the Traffic Engineering Process and Report (TEPR), and the traffic engineering manual. Vectura will also follow EDSM VI.1.1.8, which outlines what is required for a TMP. Depending on what traffic engineering services are required as a part of any task order, Vectura will perform the following tasks:

- Vectura will coordinate with LADOTD to obtain traffic volume and safety data for traffic study to perform safety analysis, alternative route design, traffic signal design, traffic control analysis and design, and any other traffic engineering scope requirements.
- If historic data is not available, Vectura will follow the Traffic Study Scope of Services as outlined on the LADOTD Traffic Engineering website. Staff from Vectura have worked closely with the staff of LADOTD through the development and implementation of the TEPR process. The team will utilize this experience to navigate the TEPR process to produce the required deliverables.

- 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.
- Dependent on the level of required TMP, submittals may include: TTC Details and Plan, Mitigation, Evacuation Strategies, Detour Analysis, Queue Analysis, Work Restrictions, Safety Analysis, and Stakeholder/Public Involvement.

Bridge Design

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

Hydraulic Analysis and 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 drainage design 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.

Environmental/Permitting

GEC will develop engineering drawings and details, and perform field surveys including wetlands delineations and biological assessments, for the purpose of obtaining the required permit(s). Depending on the scope and status of the project, GEC can provide alternative alignments for consideration if an EA is required. In addition to performing the required environmental services, GEC also has experience preparing exhibits, setting up, providing displays, technical presentations, and attending/managing Public Meetings and hearings. The environmental staff at GEC have completed the NHI Course NEPA and the Transportation Decision-making Process and have served as the Project Manager on and authored numerous LADOTD NEPA documents including: CEs, EAs, EISs, categorical exclusions, FONSIs, and Section 4f Net Benefit Statements.

Geotechnical Engineering

If additional geotechnical engineering is required, APS will fulfill these requirements. APS offers a full range of geotechnical analyses and soil testing services and has in depth experience performing field services for LADOTD projects. APS has the ability to perform these services immediately and in addition to their current backlog without delays.

Construction Support

In Stage 5 of the Project Delivery process, GEC provides construction support and construction related engineering for projects we have designed. GEC staff stands ready to provide pre-bid activities, bid documents, construction proposal documents, CPM scheduling, contract documents, construction support, shop drawing reviews, and plan revisions to adjust for unforeseen conditions. Construction Support shall consist of all services required to review and address Requests for Information (RFIs) from LADOTD's Construction Contractor. The Consultant shall be required to respond to all RFIs within 24 hours. Cost recovery for all RFIs due to plan/specification clarity or plan/specification error shall be as noted in the Errors and Omissions clause as established in the Original Contract. GEC will prepare a full set of construction documents in accordance with the plan preparation procedures in the LADOTD Road and Bridge Manuals. For the last 8 years, GEC's Brian Buckel has successfully managed three retainer contracts for District 03, which have included more than nine task orders with up to 20 inspectors. He will provide all construction support services for this IDIQ contract as task orders are 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 follow the procedures so that work is performed correctly and delivered on time and within budget. Deliverables must comply with current standards and sound practices and reflect current technology. An independent professional checks the deliverables and the originator corrects any errors. The lead roadway Quality Control reviewer, Cary Bourgeois, PE has 36 years of supervising and performing design services on a variety of roadway and bridge projects. Thomas Swanson, PE, PTOE, with 25 years of experience, will perform all necessary traffic engineering quality control reviews.

Workload / Firm Size

Regarding Section 19: Work categorized as "other" is mostly electrical; The Road Transfer Program involves only 1 GEC employee housed full-time at LADOTD HQ for the management of this program. It is unlikely the entire contract amount will be spent; The I-49 project design phase has been put on hold to revisit the NEPA process; therefore, GEC's involvement has been limited to the following: conceptual bridge layouts for the environmental assessment, pump station design, and project scheduling. GEC's roadway staff is not involved in the project. **The staff identified in this submittal will be immediately available upon receipt of NTP from LADOTD. GEC has sufficient staff and resources regardless of ongoing contracts listed in Section 19 of our response.**

> In choosing the GEC Team, LADOTD will have sufficient resources to be dedicated to simultaneous task orders and complete projects on time and on budget. We look forward to a continued working relationship with LADOTD on this project and appreciate the Selection Committee's review of our extensive qualifications. GEC and our team have the experience and knowledge to provide LADOTD with design plans that will improve and define the state's transportation system for future generations. We are immediately ready and available to assist LADOTD.

Sections 19-23

The staff identified in this submittal will be immediately available upon receipt of NTP from LADOTD.

The GEC Team is adequately staffed to meet the needs of LADOTD regardless of ongoing contracts listed in Section 19 of our response.

19. Workload

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining unpaid balance**
G.E.C., Inc.	Other (DOTD Support Svc)	4400016958	**Road Transfer Program Management, Statewide** (One GEC employee located at LADOTD)	1,625,483
G.E.C., Inc.		H.004273.5	**I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange) (Sub to Stantec) ***	
	Road		Geometrics *NOTE: GEC work is currently on hold - see Workload / Firm Size in Section 18	70,810
	Bridge, Environmental, ITS, Other		Bridge Study ($56,512), Environmental ($18,310), ITS ($19,447), Program Management ($94,541), Electrical ($301,419) & Implementation Strategies ($19,970)	510,199
G.E.C., Inc.		H.004100	**I-10 Baton Rouge Widening CMAR Segment 1 (Sub to Huval)**	
	Bridge, ITS & Other		Bridge ($43,192), ITS ($129,430), Project Management ($262,157), Retaining Walls ($67,149), Sound Walls ($116,143) & Electrical ($1,145,097)	1,763,168
G.E.C., Inc.		H.013897	**I-10 & I-12 College Drive Flyover Ramp Design-Build Project (Sub to Boh Bros.)**	
	Road		Road	258,860
	Bridge, ITS & Other		Bridge ($174,800), ITS ($28,665), Project Management ($33,334), Sound Walls ($44,640) & Electrical ($16,335)	297,774
G.E.C., Inc.	Bridge	H.008145.5	**Leeville to Golden Meadow, Route LA 1 Relocated, Const. Engineering Services (Sub to HNTB)**	224,005
		H.003074.5	**Williams Blvd – Veterans Blvd., Route I-10, Jefferson Parish, LA**	
G.E.C., Inc.	Bridge & Other		Bridge ($148,795) & Electrical ($54,012)	202,807
G.E.C., Inc.	Bridge	4400010099	**Retainer Contract for Off-System Complex Bridge Load Rating (Sub to Forte and Tablada)**	
		H.012485.1	Rating of Off-system Bridge Structures	19,056
		H.092481.5	Off-System Load Testing and Evaluation	14,800
G.E.C., Inc.	Bridge	H.015342	**Infrastructure Investment and Jobs Acts (IIJA), Off-System Bridge Program, District 61**	50,000
G.E.C., Inc.	Other (Electrical)	4400011354	**IDIQ Contract for Electrical Statewide**	
		H.013442.6	I-10: Crowder Boulevard Interstate Lighting	47,103
		H.013617.5	I-10: I-610E Interchange Lighting	37,334
		H.013617.6	I-10: I-610E Interchange Lighting	193,109
		H.014552.5	I-49: LA 31 Interchange Lighting (Opelousas)	305,803
		H.014553.5	I-49: LA 3233 Interchange Lighting (Opelousas) NOTE: Survey T.O. Work performed by GOTECH	N/A
		H.014556.5	I-49: US 190 Interchange Lighting (Opelousas) NOTE: Survey T.O. Work performed by GOTECH	N/A
		H.014557.5	I-49: Judge Walsh Drive Interchange Lighting (Opelousas) NOTE: Survey T.O. Work performed by GOTECH	N/A
G.E.C., Inc.	Other (Electrical)	H.004774.5 & H.007300.6	**Kansas Lane - Garrett Road Connector and I-20 Improvements (Sub to Lazenby & Associates, Inc.)**	45,351
G.E.C., Inc.	Other (Electrical)	4400005660	**Retainer Contract for Electrical Services (sub to Buchart Horn)**	
		H.012422.6	I-110 Interchange Modification at Terrace	59
		H.012874.6	I-55: LA 22 Interstate Lighting	20,153
G.E.C., Inc.	CE&I/OV	4400013710	**Retainer Contract for CE&I, Statewide with the Majority of Work in District 03**	
		H.003014.6	I-10 Widening and Reconstruction (LA 37 to ATCR BR.) St. Martin and Lafayette Parishes	34,921
G.E.C., Inc.	CE&I/OV	4400023074	**IDIQ for CE&I Services and Staff Augmentation, District 61**	

		H.010724.6	Pecan Island Road Over the Chenal, Pointe Coupee Parish	96,968
		H.012465.6	Dist 61 Flashing Yellow Arrow Part 3	444,962
		H.010960.6	LA 30 Roundabouts at Tanger Mall and I-10	675,975
		H.014694.6	LA 426: LA 73 - Sherwood Forest	272,544
G.E.C., Inc.	CE&I/OV	H.011670.6	**I-10/Loyola Interchange Improvements, Jefferson Parish**	656,511
G.E.C., Inc.	CE&I/OV	4400019950	**IDIQ for CE&I, Statewide, with Majority of Work in District 03**	
		H.002735.6	Bayou Vermillion Bridge	63,223
		H.003003.6	I-10: I-49 - LA 328	139,488
		H.002151.6	Bayou Parc Perdue and Creek Bridges	76,104
		H.010601.6	I-10 Widening and Reconstruction (LA 328 - LA 347)	50,004
		H.002868.6	I-49 S: Amb Caffery / US 90 Interchange	999,996
G.E.C., Inc.	CE&I/OV	4400014315	**Retainer Contract for Painting Inspection & Environmental Monitoring with CE&I, Statewide (Sub to GPI)**	
		H.003370.6	I-220/I-20 Interchange IMP & BAFB Access	19,035
		H.010000.6	US 171: Calcasieu River Bridge Repairs	189,142
G.E.C., Inc.	Other (DOTD Support Svc)	4400017329	**Retainer Contracts for Innovative Procurement and Alternative Delivery Support Services (Sub to HNTB)** (No Task Orders Issued) NOTE: No work expected for GEC under this Contract	N/A
F&T	Survey	H.011965.6	IWGO Bridge Rehabilitation	55,218
F&T	Survey	H.011684	LA 327 Spur: Staring Lane Extension Route LA 327-S	50,279
F&T	Survey	H.012072	LA 60 Drain Bridge	5,711
F&T	Survey	H.014560	LA 94: Vermillion River Bridge	4,553
F&T	Survey	H.014416	LA 3125 at LA 3274 Roundabout	60,543
F&T	Survey	H.004273.5	DOTD I-49 Connector (Lafayette Regional Airport to I-10/US 167 Interchange	149,183.69
F&T	Survey	H.011670	I-10/Loyola Additional Topo and ROW	43,811
F&T	Survey	H.011670	I-10/Loyola Interchange Improvements	0
F&T	Survey	H.003931.5	Calcasieu River Bridge Phase 3	45,755
Vectura	Traffic	H.010616	I-20: LA 544 Overpass Replacement	131,973
Vectura	Traffic	H.005168.2	New Orleans Rail Gateway Jefferson Highway EA	51,279
Vectura	Traffic	H.005168.2	New Orleans Rail Gateway Avondale EA	147,225
Vectura	CE&I	H.007160	EBR Computerized Traffic Signal, Ph VB	51,629
Vectura	Traffic	H.004791	Belle Chasse Bridge & Tunnel Replacement PPP	14,740
Vectura	Traffic	H.012030.5	KCS RR Overpasses HBI	28,026
Vectura	ITS	H.011504.5	Alexandria ITS Phase 2	54,179
A P S	Geotech	H.004100	Retainer Contract for Geotechnical Services	233,952
A P S	Geotech	440019336	Rural Bridges Replacement Initiative Phase II	443,715
A P S	Geotech	440019337	Rural Bridges Replacement Initiative Phase II	276,680

*F&T - **Forte and Tablada, Inc.** / Vectura - **Vectura Consulting Services, LLC***

20. Certifications/Licenses

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

Brandon Abbott

Certificate of Completion

presented to

Brandon Abbott

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: March 29, 2022
Location: Baton Rouge, Louisiana
Professional Development Hours (PDH(s) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

Certificate of Completion

presented to

Brandon Abbott

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: March 29, 2022
Location: Baton Rouge, Louisiana
Professional Development Hours (PDH(s) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

Certificate of Completion

presented to

Brandon Abbott

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: March 30, 2022
Location: Baton Rouge, Louisiana
Professional Development Hours (PDH(s) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

Bliss Bernard

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 (PDH(s) Awarded: 2.5

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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 (PDH(s) Awarded: 3.5

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Bliss Bernard

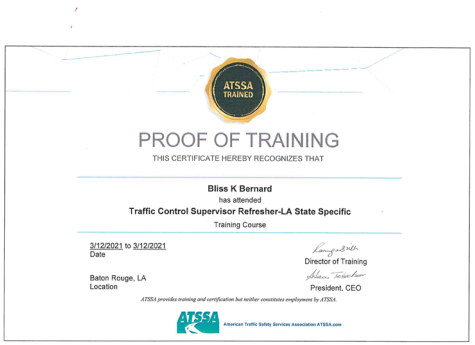
for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: January 30, 2020
Location: Baton Rouge, Louisiana
Professional Development Hours (PDH(s) Awarded: 3.5

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Brian Buckel


AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION

This is to affirm that

Brian Buckel

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Expiration Date 2-11-25 State Issued in LA

Instructor Signature

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


PROOF OF CERTIFICATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Brian D Buckel

has demonstrated a thorough knowledge of the standards, guidelines and practices control in highway construction and maintenance work areas; has completed all the requirements of the American Traffic Safety Services Association Certification Progr satisfaction of the Certification Board; and is hereby awarded the designation of:

Certified Flagger Instructor

This certified individual is fully entitled to all the rights and privileges associated with designation. This certificate will remain in effect until the expiration date noted herei otherwise revoked by action of the Certification Board.

Issue Date 2/11/2021

Expiration Date 2/10/2025

Certification #: 94961

Training Director

American Traffic Safety Services Association


The American Traffic Safety Services Association

Hereby recognizes that

Brian Buckel

has attended

Traffic Control Supervisor Refresher-LA State Specific

Training Course

02/06/2017

Date

Baton Rouge, LA

Location

Training & Products Dept. Director

President, CEO

Marc Dunn


AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION

SLOW

This is to affirm that

Marc Dunn

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Expiration Date 02-14-24 State Issued in LA

Instructor Signature

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


The American Traffic Safety Services Association

Hereby recognizes that

Marc Dunn

has attended

Traffic Control Supervisor Refresher-LA State Specific

Training Course

2/14/2020 to 2/14/2020

Date

Baton Rouge, LA

Location

Training & Products Dept. Director

President, CEO

Jerome Lohmann


The American Traffic Safety Services Association

Hereby recognizes that

Jerome Lohmann

has attended

Traffic Control Supervisor-LA State Specific

Training Course

1/13/16 to 1/14/16

Date

Baton Rouge, LA

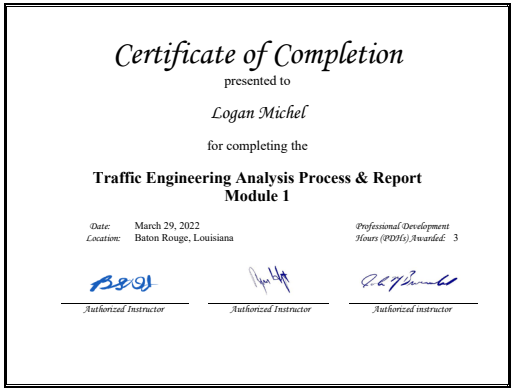
Location

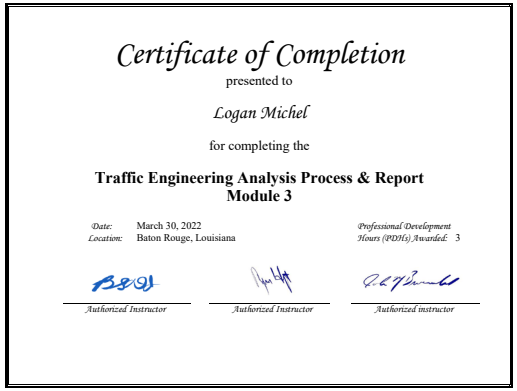
Training & Products Dept. Director

President, CEO

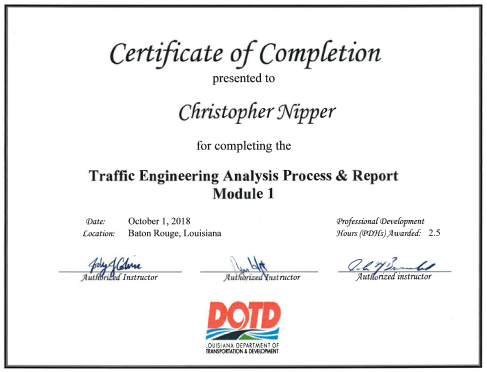
Roland Maurin

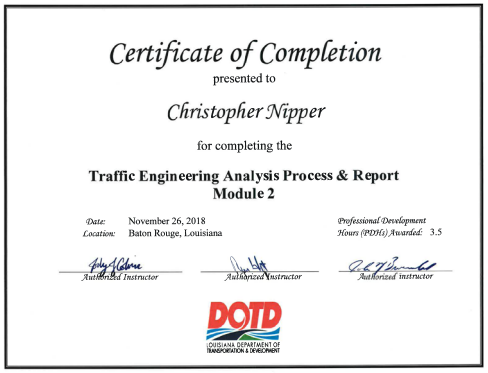
Logan Michel

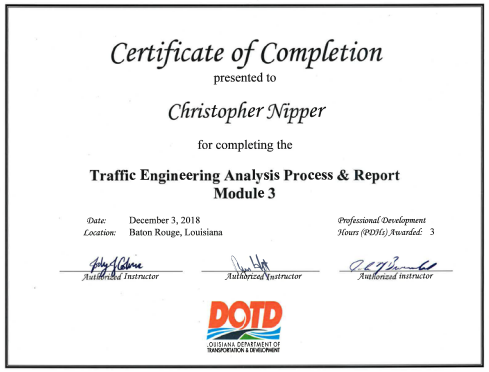




Christopher Nipper







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 (PDH(s) Awarded: 2

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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 (PDH(s) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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 (PDH(s) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Thomas Swanson
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

9/25/2020 to 9/25/2020
Date

Baton Rouge, LA
Location

Vice President of Member Services

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

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

Jace Richard


ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Jace Ricard
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

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

Director of Training

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

Kresten Brown


ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Kresten Brown
has attended
Traffic Control Supervisor-LA State Specific
Training Course

1/27/2021 to 1/28/2021
Date

Vice President of Education and Technical Services

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

Tyler Branch


ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Tyler Branch
has attended
Traffic Control Supervisor-LA State Specific
Training Course

1/27/2021 to 1/28/2021
Date

Vice President of Education and Technical Services

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

RTA

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

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

Vectura Consulting Services, LLC

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

NC488490, NC541330, NC541340

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

Certificate Eligibility: June 2022 to June 2023

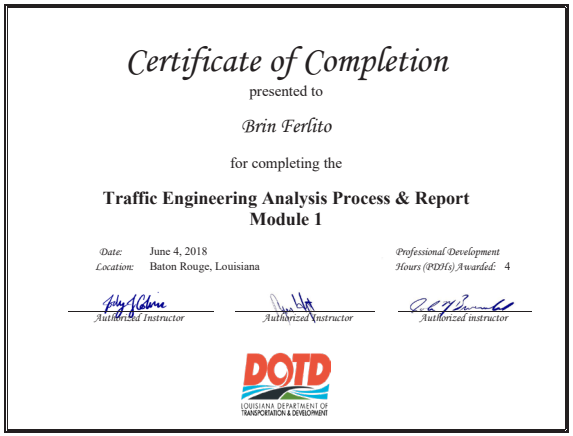
This certificate is valid through the above date provided. This firm meets the on-going programmatic standard and fulfills the annual update requirement to remain in good standing as a DBE. This certification is subject to annual verification and suspension or revocation based upon reasonable cause to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

Rhonda Wallace

Rhonda Wallace, DBE/SBE Programs Manager

Louisiana Department of Transportation & Development

Brin Ferlito



Certificate of Completion

presented to

Brin Ferlito

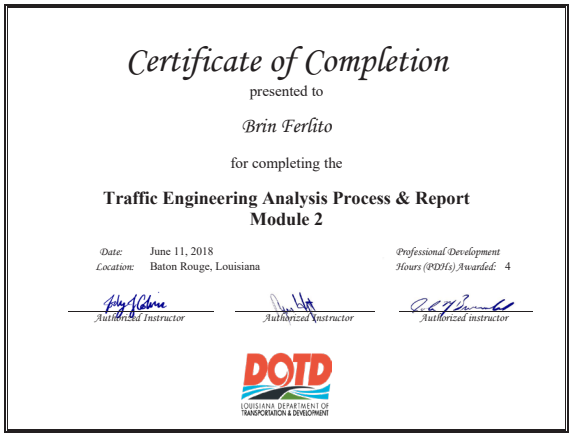
for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Brin Ferlito

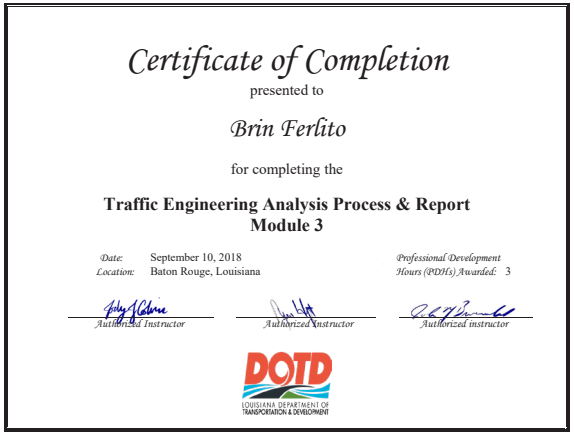
for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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

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

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

Your certification is renewed through 9/9/2024.

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

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

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

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

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

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

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

Sincerely,

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

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

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

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

Director of Training

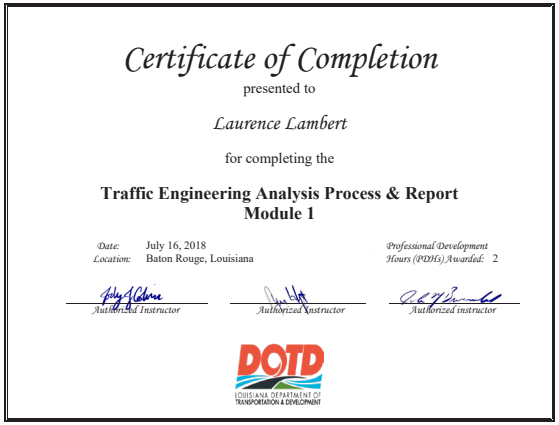
Baton Rouge, LA
Location

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

ATSSA American Traffic Safety Services Association ATSSA.com

Laurence Lambert



Certificate of Completion

presented to

Laurence Lambert

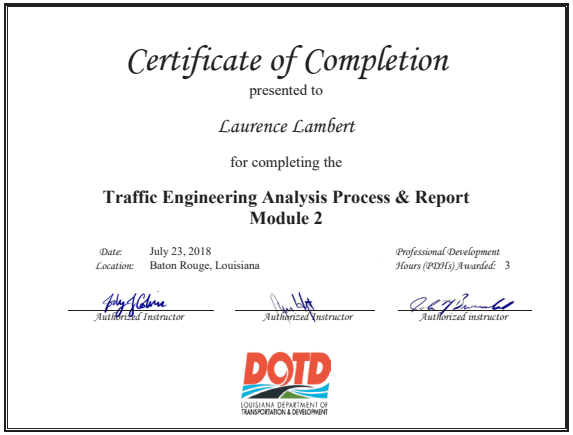
for completing the

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*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Laurence Lambert

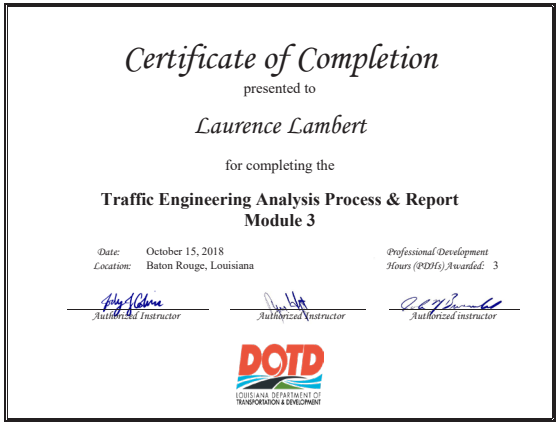
for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Laurence Lambert

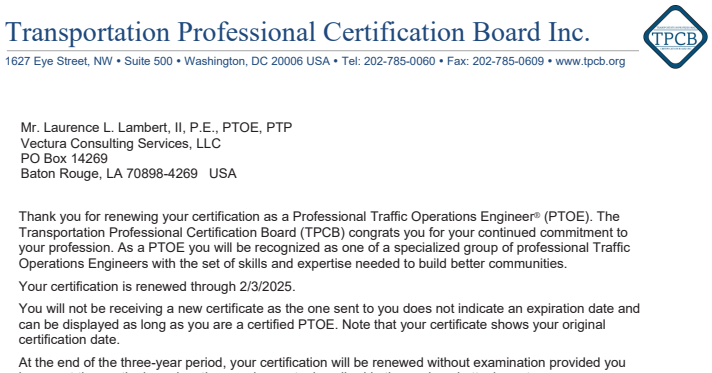
for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Transportation Professional Certification Board Inc.

TPCB

1627 Eye Street, NW • Suite 500 • Washington, DC 20006 USA • Tel: 202-785-0060 • Fax: 202-785-0609 • www.tpcb.org

Mr. Laurence L. Lambert, II, P.E., PTOE, PTP
Vectura Consulting Services, LLC
PO Box 14269
Baton Rouge, LA 70898-4269 USA

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

Your certification is renewed through 2/3/2025.

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

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

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

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

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

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

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

Sincerely,

Deborah L. Snyder

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

ATSSA TRAINED

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

Director of Training

Baton Rouge, LA
Location

President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

ATSSA American Traffic Safety Services Association ATSSA.com

Prasanth Malisetty

Certificate of Completion
presented to
Prasanth Malisetty
for completing the
Traffic Engineering Analysis Process & Report
Module 1

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

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion
presented to
Prasanth Malisetty
for completing the
Traffic Engineering Analysis Process & Report
Module 2

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

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion
presented to
Prasanth Malisetty
for completing the
Traffic Engineering Analysis Process & Report
Module 3

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

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Transportation Professional Certification Board Inc.

TPCB

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

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

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

Your certification is renewed through 7/20/2023.

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

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

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

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

Sincerely,

Diane W. Morabito

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

Attachments

The American Traffic Safety Services Association
Hereby recognizes that
Prasanth Malisetty
has attended
Traffic Control Technician-LA State Specific
Training Course

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

Baton Rouge, LA
Location

ATSSA SAFER ROADS SAVE LIVES

Training & Products Dept. Director

President, CEO

The American Traffic Safety Services Association
Hereby recognizes that
Prasanth Malisetty
has attended
Traffic Control Supervisor-LA State Specific
Training Course

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

Baton Rouge, LA
Location

ATSSA SAFER ROADS SAVE LIVES

Training & Products Dept. Director

President, CEO

Certificate of Training

this certifies that

Prasanth Malisetty

has successfully completed the training program requirements for

Online Flagger Certification Training Course

Awarded on this **29th** *day of* **January 2020**

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*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Laurence Lambert

From: Reece Rodrigue
Sent: Friday, June 10, 2022 8:55 AM
To: Laurence Lambert
Subject: FW: TPCB Renewal Approval Notice

See renewal notice below.

Reece Rodrigue, PE, PTOE
Vectura Consulting Services, LLC
m. 504.421.2782

From: info@ite.org <info@ite.org>
Sent: Friday, May 6, 2022 8:20 AM
To: Reece Rodrigue <rrodrigue@vecturacs.com>
Subject: TPCB Renewal Approval Notice

Transportation Professional Certificatic

1627 Eye Street, NW • Suite 600 • Washington, DC 20006 USA • Tel: 202-785-0060 • I

Mr. Reece J. Rodrigue, P.E., PTOE
Vectura Consulting Services, LLC

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

Your certification is renewed through 7/17/2025.

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

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

Prior to the expiration of your PTOE, you will be notified of your renewal deadline. Additional examinations are not required if you renew within three-months of your expiration date 7/17/2025. Failure to renew within the 3-month grace period will result in a certified inactive letter and penalty fees for renewal. Visit our website for more information. http://www.tpcb.org/PTOE/feeschedule.asp

TPCB seeks to maintain the highest level of quality for its certification programs. Since its inception, the TPCB has required its certificants to maintain records with regard fulfillment of continuing education requirements. Please be advised that as of January 1, 2018, TPCB is phasing in a policy in which 20% of certificant renewals will be randomly

1

selected for audit and the certificant will be required to provide documentation (certificates of completion, course syllabus, meeting agenda/registration, etc.) to demonstration fulfillment of continuing education requirements. The professional record-keeping system available from ITE, provides a resource to record the dates of completion of continuing education and maintain the necessary supporting documentation.

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

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

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

Sincerely,

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

2

Certificate of Training

this certifies that

Reece Rodrigue

has successfully completed the training program requirements for

ATSSA Online Flagger Certification Training Course

Awarded on this **24th** *day of* **September 2020**

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Reece Rodrigue
has attended
Traffic Control Supervisor-LA State Specific
Training Course

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

Baton Rouge, LA
Location

Vice President of Member Services

President, CEO

ATSSA American Traffic Safety Services Association ATSSA.com

Kristen Gallagan

Certificate of Completion
presented to
Kristen Gahagan
for completing the
Traffic Engineering Analysis Process & Report
Module 1

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

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD Louisiana Department of Transportation & Development

Certificate of Completion
presented to
Kristen Gahagan
for completing the
Traffic Engineering Analysis Process & Report
Module 2

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

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD Louisiana Department of Transportation & Development

Certificate of Completion
presented to
Kristen Gahagan
for completing the
Traffic Engineering Analysis Process & Report
Module 3

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

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD Louisiana Department of Transportation & Development

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

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

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

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

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

Kristen Alice Gahagan

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

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

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

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

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

Sincerely,

Diane W. Morabito

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

Attachments

ATSSA
AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION
This is to affirm that
Kristen Farrington
has satisfied the requirements to be designated as a
CERTIFIED FLAGGER
Expiration Date 7/5/2025 State Issued in LA
Instructor Signature
Verification available by calling 1-877-642-4637 or at http://www.flagger.com

ATSSA TRAINED
PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT
Kristen Farrington
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course
4/5/2021 to 4/5/2025
Training Valid Through
Director of Training
Baton Rouge, LA
Location
President, CEO
ATSSA provides training and certification but neither constitutes employment by ATSSA.
ATSSA American Traffic Safety Services Association ATSSA.com

RTA

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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)

APS Engineering & Testing, LLC.

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

NC221310, NC221320, NC541330, NC541370, NC541380, NC541620, NC541690

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

Certificate Eligibility: October 2021 to October 2022

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

21. QA/QC Plan and/or Work Plan

If the advertisement requires submission of a QA/QC plan or Work plan, include them here. Otherwise, leave this section blank.

Per advertisement instructions, GEC will submit our QA/QC plan to the DOTD PM within 10 business days of the award notification.

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 (as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
Vectura Consulting Services, LLC	8000 Innovation Park Drive Baton Rouge, LA 70820	Brin Ferlito bferlito@vecturacs.com	225-223-6685
Forte and Tablada, Inc.	9107 Interline Ave. Baton Rouge, LA 70809	Chad A. Bacas, P.E. BacasC@forteandtablada.com	225-927-9321
A P S Engineering and Testing, LLC	5261 Highland Rd. PMB #320 Baton Rouge, LA 70808	Sergio Aviles, PE, M.ASCE sergio@aps-testing.com	225-456-5714

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.

GEC

ENGINEERING THE FUTURE

8282 GOODWOOD BLVD.
BATON ROUGE, LOUISIANA

WWW.GECINC.COM

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