DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Statement of Qualifications

IDIQ CONTRACT FOR ROADWAY DESIGN SERVICES STATEWIDE

CONTRACT NO. 4400023943

GEC

US 11 Improvements at Schneider Canal, Slidell

JUNE 16, 2022

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	4400023943
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.001917
6. Prime consultant mailing address	P.O. Box 84010, Baton Rouge, LA 70844-4010
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: June 16, 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	**20%**

12. Past Performance Evaluation Discipline Table

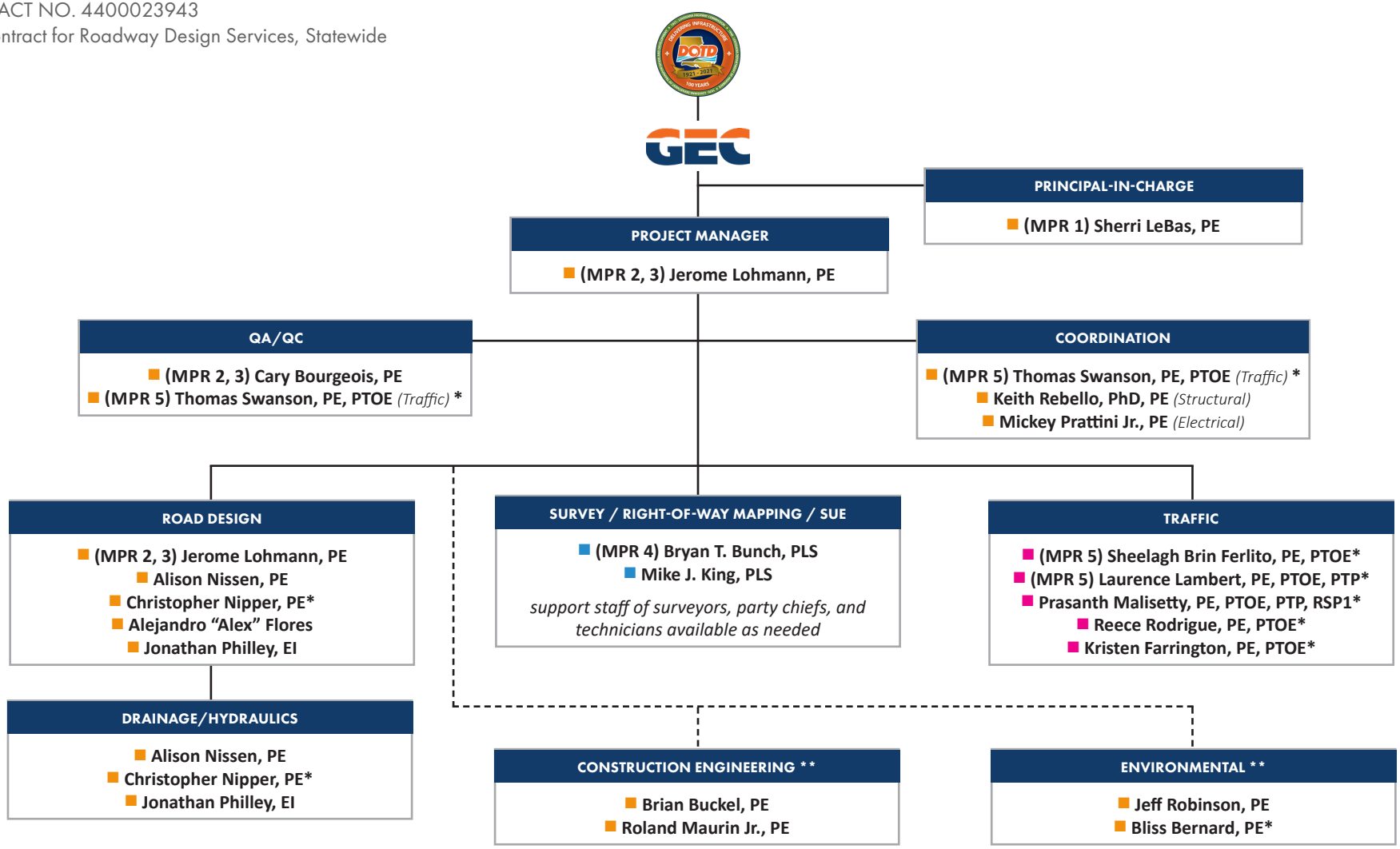
Evaluation Discipline	% of Overall Contract	G.E.C., Inc. (GEC) (**Prime**)	NTB Associates, Inc. (NTBA)	DBE FIRM Vectura Consulting Services, LLC
Road	60%	100%		
Traffic	20%			100%
Survey	20%		100%	
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.				
Percent of Contract	100%	60%	20%	20%

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
G.E.C., Inc.	Engineer	3	6
G.E.C., Inc.	Supervisor-Engineer	6	6
G.E.C., Inc.	Engineer Intern	1	2
G.E.C., Inc.	Technician	1	1
Vectura Consulting Services, LLC	Supervisor	2	2
Vectura Consulting Services, LLC	Engineer	3	5
NTB Associates, Inc.	Principal	1	1
NTB Associates, Inc.	Engineer	0	1
NTB Associates, Inc.	Surveyor	3	6
NTB Associates, Inc.	Supervisor Other	1	1
NTB Associates, Inc.	Senior Technician	1	1
NTB Associates, Inc.	CADD Technician	2	3
NTB Associates, Inc.	Technician	2	2
NTB Associates, Inc.	CADD Drafter	2	4
NTB Associates, Inc.	Party-Chief	9	17

14. Organizational Chart

CONTRACT NO. 4400023943
IDIQ Contract for Roadway Design Services, Statewide



LEGEND

- G.E.C., Inc.
- NTB Associates, Inc.
- Vectura Consulting Services, Inc.
- **(#)** Fulfills MPR
- * LTRC Modules 1-3 Training
- ** Services to be provided by GEC if needed

PRIME CONSULTANT NAME: **G.E.C., INC.**

15. Minimum Personnel Requirements

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license / certification & number	State of license	License / certification expiration date
1	Sherri LeBas, PE	GEC	PE No. 23844 (Civil, Environmental)	Louisiana	03/31/2023
2	Cary Bourgeois, PE	GEC	PE No. 23414 (Civil)	Louisiana	09/30/2023
2	Jerome Lohmann, PE	GEC	PE No. 24673 (Civil)	Louisiana	09/30/2022
3	Cary Bourgeois, PE	GEC	PE No. 23414 (Civil)	Louisiana	09/30/2023
3	Jerome Lohmann, PE	GEC	PE No. 24673 (Civil)	Louisiana	09/30/2022
4	Bryan T. Bunch, PLS	NTB Associates, Inc.	PLS No. 5014	Louisiana	03/31/2024
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
5	Thomas Swanson, PE, PTOE	GEC	PE No. 30139 (Civil) PTOE No. 1016	Louisiana	09/30/2022 04/10/2024

MPR Nos. 1 through 3 may be met by the same person.
MPR Nos. 4 and 5 must be met by separate individuals and may be satisfied through the use of a sub-consultant(s).

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: **Principal-in-Charge / MPR 1**		

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).
	*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	**LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT (LADOTD): Baton Rouge, LA.** *Secretary* - Ms. LeBas set the vision and led LADOTD in the delivery of the $1.8 Billion annual transportation infrastructure capital and operating program. She developed and discussed transportation policy, issues, feedback, future planning with stakeholders, media, citizens and local, state and national public and elected officials. She pursued and obtained funding working with state and 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; Design Build projects on I-12 in Livingston Parish as well as two Design Build 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: **QA/QC / MPR 2, 3**	

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).
	*Mr. Bourgeois is GEC's Senior Vice President involved in supervising activities and performing design services on several large-scale projects. Mr. Bourgeois is experienced 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.*
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.
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.
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.

Firm employed by	**G.E.C., Inc.**
Name	**Cary Bourgeois, PE** *Continued Resume*
06/17-12/21	**H.003074, I-10 WIDENING, WILLIAMS TO VETERANS: Jefferson Parish, LA.** *Principal-in-Charge/QA/QC* - Mr. Bourgeois oversaw 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.
04/19-12/21	**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.
2019-Present	**LA SAFE-AIRLINE AND MAIN COMPLETE STREETS: Laplace, LA.** *Principal-in-Charge/QA/QC* - This project consists of a 10' shared use path, 5' sidewalk along the north side of US 90, bike lanes on shoulders, and softening of the median. 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.
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.
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, and drainage. Mr. Bourgeois was Principal-in-Charge and oversaw the design phase of the project.
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.
08/20-Present	**H.013897 / I-10 & I-12 COLLEGE DR. FLYOVER RAMP DESIGN-BUILD PROJECT: East Baton Rouge Parish, LA.** *Design Manager* - Mr. Bourgeois is responsible for the overall design and design quality control of this $53,000,000 project which will provide exit ramps that are separated from the merge of I-10 and I-12. To accomplish this, I-12 westbound will be re-routed under a rebuilt I-10 westbound bridge.

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 / 09-30-2022	
Year registered	1992	Discipline	Professional Engineer, Civil
Contract role(s) / brief description of responsibilities		Role on this Project: **Project Manager, Road Design / MPR 2, 3**	

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).
	*Mr. Lohmann has over 38 years of diversified engineering, surveying, and construction experience to his credit. He began his career working for an engineering/construction company in 1969. Since that time, he has gained progressive experience, an Associate degree in Applied Science (Surveying), and B.S. in Civil Engineering. His career has included extensive experience in the area of surveying (right-of-way, boundary, topographic, hydrographic, construction, route/location, etc.), sanitary sewer design, water supply systems, highway and transportation systems, drainage design, etc. Mr. Lohmann has served as Project Manager/Design Engineer on various LADOTD Projects. He has been responsible for the design and management of projects ranging in magnitude from Off- System Bridge Replacement Projects to a major interchange on I-49.*
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. (City-Parish Project No. 19-CPHC-0034)
11/18-02/21	**I-10 SERVICE ROAD BRIDGE REPLACEMENTS: Slidell, LA.** *Project Manager* - Mr. Lohmann managed the GEC design staff for the replacement of two-slab span bridges and approximately 1.1 miles of milling and overlay. He oversaw design of the vertical alignment, proposed length of the bridges, placement of the new bridges, and guardrail design. Mr. Lohmann also oversaw the design of the new roadway approaches to the new bridge, calculation of quantities, and construction cost estimating for the project. Construction of the project was completed in June 2021.
12/21-Present	**SHARP ROAD: Mandeville, LA.** *Project Manager* - Mr. Lohmann is managing the preparation of preliminary and final construction plans for roadway improvements, subsurface drainage installation, and sidewalk construction.
09/19-present	**LA SAFE-AIRLINE AND MAIN COMPLETE STREETS: LaPlace, LA.** *Project Manager* - Mr. Lohmann is managing the development of typical sections and preliminary layout for the project, which consists of a 10' shared use path, 5' sidewalk along the north side of US 90, bike lanes on shoulders, and softening of the median. 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 from surveying to construction.
04/19-12/21	**CHEVELLE DRIVE AND SARASOTA DRIVE BRIDGE REPLACEMENTS: East Baton Rouge Parish, LA.** *Project Manager* - Mr. Lohmann was Project Manager performing a Design Study including hydraulics, environmental, and geotechnical considerations, overseeing topographic survey and right-of-way (ROW) mapping as required; and developing preliminary and final construction plans and cost estimates. The project included 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. (Bridge Recall No(s). 800541 and 800561; City Parish Project No. 18-BRUS-0016)

Firm employed by	**G.E.C., Inc.**
Name	**Jerome Lohmann, PE** *Continued Resume*
07/19-Present	**H.011670, I-10 / LOYOLA INTERCHANGE IMPROVEMENT, DESIGN-BUILD PROJECT: Jefferson Parish, LA.** *Quality Assurance* - GEC is the Owner Verification Firm (OVF) for this design-build project which includes the CE&I, right-of-way acquisition, and utility relocation. As LADOTD's OVF representative, GEC is responsible for the acceptance of the work and materials in order to ensure contract compliance. As LADOTD's designated representative, Mr. Lohmann administers the contract which includes design oversight.
08/17-07/18	**H.004932, US 90 (FUTURE I-49 SOUTH), LA 318 INTERCHANGE: ROUTE US 90: St Mary Parish, LA.** *Quality Assurance* - As LADOTD's OVF representative, Mr. Lohmann was responsible for the acceptance of the work and materials in order to ensure contract compliance. As LADOTD's designated representative, Mr. Lohmann administered the contract which included design oversight. He reviewed the design-builder's RFC for compliance with the design standard, performance specification, etc. and reviewed as-built was for completeness and provided recommendation to the LADOTD Project Manager and Chief Engineer for approval. He reviewed D-B team proposed resolutions to RFIs and NCR to ensure sound engineering judgement was used as the basis for all responses.
09/19-Present	**WEST TAMMANY HILLS DRAINAGE: Covington, LA.** *Project Manager* - Mr. Lohmann is overseeing 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. Mr. Lohmann's road design services include pavement structural design for rehabilitated and/ or reconstructed sections and preliminary and final roadway design and plan development. He will also work with the Parish to finalize plans and specifications into the Parish frontend documents and format for bidding, address request for information (RFIs) during the bidding process, attend and document pre-bid meeting, review and tabulate bids, and make recommendation on acceptance of bids as required.
09/17-12/18	**CAMP COUSHATTA ROAD IMPROVEMENTS: Allen Parish, LA.** *Project Manager* - Mr. Lohmann managed the design of a new road for the Coushatta Tribe of Louisiana, including the new alignment and drainage structures/systems. The road consisted of two eleven foot 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.
2015-2016	**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.
11/15-12/21	**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. Final design plans are over 90% complete. The total project length is 2.58 miles and consists of the construction of one 12' additional lane with a 10' shoulder inside along the I-10 eastbound and westbound roadways. 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.
2002-2013	**TIMED PROGRAM PROJECT MANAGEMENT: Statewide, LA.** *Design Segment Manager* - For the two years Mr. Lohmann served as a Design Segment Manager (DSM), he was responsible for taking over 8 DOTD TIMED projects at different stages of completion and coordinates all the preconstruction activities through letting. His duties included overseeing the Contract Design Consultant (CDC), justifying contract changes, managing plan in hand inspections, insuring that the CDC used current DOTD STD Plans and pay items and resolving day to day problems, along with budgeting.

Firm employed by	**G.E.C., Inc.**		
Name	**Alison Nissen, PE**	Years of relevant experience with this employer	2
Title	Civil Engineer	Years of relevant experience with other employer(s)	24
Degree(s) / Years / Specialization		B.S. / 1984 / Civil Engineering	
Active registration number / state / expiration date		28801 / Louisiana / 09-30-2022	
Year registered	2000	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).
	*Ms. Nissen joined GEC in 2019 as a civil engineer with 24 years of experience with project management and transportation design projects. Her engineering and management experience includes preliminary and final design, plan preparation, and construction phase services. She has experience with project supervision, frequently interfaces with clients, subconsultants and government agencies, and has prepared roadway design, drainage, traffic control plans, and other associated design for preliminary and final design of roadways from major thoroughfares to residential streets for private land developers and city, parish/county, and stage agencies. Ms. Nissen has a wealth of experience in the design of roadways and drainage, inclusive of the design of roundabouts.*
01/16-11/16	**H.012185 / LA 3034, SULLIVAN ROAD (WAX-HOOPER): East Baton Rouge Parish, LA.** *Project Engineer* - Ms. Nissen was responsible for design of major roadway improvements replacing the 2-lane asphalt roadway with a 4-lane concrete, divided roadway with raised median. The road improvements were for Sullivan Road from West of Wax Road to Hooper Road on over 1.2 miles of roadway and included horizontal and vertical geometry, intersection design and drainage improvements.
2019	**LADOTD H.004104, PECUE LANE/I-10 INTERCHANGE: Baton Rouge, LA.** *Project Manager* - Ms. Nissen provided engineering design services for widening Pecue Lane (Perkins to Airline) including a Diverging Diamond Interchange with I-10. She prepared construction plans and construction cost estimates for Pecue Lane from Jamestown Blvd to south of Ward Creek and the I-10 EB entrance and exit ramps. Tasks included horizontal and vertical alignments, typical sections, super elevation diagrams, intersection layout, geometric details, storm drainage design, construction sequencing, cross section development, maintenance of traffic plans, and construction cost estimates.
03/12-04/13	**H.004526 / LA 1 IMPROVEMENTS GOLDEN MEADOW TO PORT FOURCHON: Lafourche Parish, LA.** *Project Engineer* - Ms. Nissen was responsible for preparation of the final line and grade study, preliminary roadway and right-of-way plans and construction cost estimate for an 8-mile segment of a 17-mile, 4-lane bridge structure to replace the existing LA 1 roadway. She was responsible for coordinating road and bridge designs including horizontal and vertical alignment, roadway tie-ins, major pipeline crossings and a levee crossing, scheduling, and interfacing with client, project subconsultants, governmental agencies and pipeline companies.
01/15-01/16	**H.002301 / NORTH SHERWOOD FOREST DRIVE IMPROVEMENTS: Baton Rouge, LA.** *Project Engineer* - Ms. Nissen was responsible for the design of 1.7 miles of roadway replacing the existing 2-lane rural roadway with a 5-lane urban roadway. Her responsibilities during construction plan preparation included sequence of construction, signing and striping, erosion control, quantities and QA/QC reviews.
10/19-12/21	**EBR CITY-PARISH, CHEVELLE DRIVE AND SARASOTA DRIVE BRIDGE REPLACEMENTS: East Baton Rouge Parish, LA.** *QA/QC* - Ms. Nissen provided plan review services for this project which 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, Louisiana.
2018	**H.011798 / AIRLINE PARK BLVD. REHABILITATION AND DRAINAGE UPGRADE: New Orleans, LA.** *Project Manager* - Ms. Nissen performed preparation of plans, specifications, and cost estimate for improvements to Airline Park Blvd. (500' north of Camphor to West Napoleon Ave). Her responsibilities included horizontal and vertical geometry, storm sewer design, earthwork calculations, and sequence of construction.

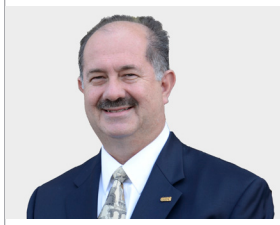
Firm employed by	**G.E.C., Inc.**
Name	**Alison Nissen, PE** *Continued Resume*
10/19-07/20	**I-10 SERVICE ROAD BRIDGE REPLACEMENTS: Slidell, LA.** *QA/QC* - The project includes the replacement of two slab span bridges. Ms. Nissen provided review of the project plans. Construction of the project was completed in June 2021.
10/19-Present	**MID CITY GROUP C, D, & E, FEMA RECOVERY ROADS PROGRAM: New Orleans, LA.** *Project Engineer* - Ms. Nissen 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.
09/20-Present	**BLUEBONNET BLVD. (PERKINS TO PICARDY): Baton Rouge, LA.** *Design Engineer* - For the widening of Bluebonnet Blvd., Ms. Nissen completed a design study of a six-lane, curb and gutter roadway with subsurface drainage, bridge replacement, green infrastructure and pedestrian facilities. Design is in accordance with MOVEBR Design Guidelines and Consultant Services Manual. Ms. Nissen made slight modifications to the horizontal alignment to avoid conflicts with existing railroad and pedestrian bridge support columns, raised the profile for the replacement bridge over Dawson Creek. Ms. Nissen prepared typical sections, roadway plan and profile drawings, geometric details and construction cost estimate for the design study report.
2016	**CHEROKEE STREET DRAINAGE IMPROVEMENTS: New Orleans, LA.** *Project Engineer* - Ms. Nissen was responsible for preparation of plans and specifications for roadway replacement, drainage improvements and Green Infrastructure on Cherokee Street in the southwest region of the City near Audubon Park. The proposed improvement project consisted of a new subsurface storm water system to address localized flooding along a two-block region of Cherokee Street. Green Infrastructure design elements of the project consisted of rain gardens with high performance modular bio-filtration systems at intersection radii and the use of permeable pavers with perforated pipe underdrain for parking lanes on each side of the roadway.
03/14-01/15	**MT. PLEASANT BLVD. WIDENING (BARNETT ROAD TO LA 964) AND AMERICANA ROUNDABOUT: Zachary, LA.** *Project Engineer* - Ms. Nissen was responsible for the conceptual layout and subsequent final design for replacing approximately 7,000 feet of the existing 2-lane rural roadway with a 4-lane divided roadway with a raised median. Project included a double-lane roundabout for the proposed main entrance to the Americana Traditional Neighborhood Development (TND). She was responsible for roadway and roundabout geometrics, plan preparation and construction cost estimates. Also coordinated with the City, LADOTD, subconsultants, and Americana TND engineers.
03/13-02/14	**HIGHWAY 64 BYPASS ROAD: Zachary, LA.** *Project Engineer* - Ms. Nissen was responsible for the design of approximately 4,300 feet of new 4-lane divided roadway with a 16-foot raised median, and 1,700 feet of 2-lane roadway. The project included the study and conceptual design of two double-lane roundabouts. She was responsible for plan preparation, construction cost estimates, determining right-of way requirements for the roundabouts and coordinating with property owners. She coordinated with LADOTD and the subconsultant providing roundabout study and conceptual design.
04/17-07/19	**FILMORE NORTH GROUP B, FEMA RECOVERY ROADS PROGRAM, CITY OF NEW ORLEANS: New Orleans, LA.** *Project Engineer* - As Project Engineer on this pavement reconstruction project for several streets in the Filmore Neighborhood, Ms. Nissen prepared the PS&E for the removal and replacement of exiting asphalt and concrete pavement and drainage structures, as well as replacement of waterline & sewer main. Plan development tasks included horizontal & vertical geometry, subsurface drainage design, and cross section development.

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).
	*Mr. Nipper has 7 years of experience in roadway widening and realignment in both rural and urban environments. In addition, he has designed drainage systems and milling and overlay. Prior to joining GEC, Mr. Nipper worked with LADOTD for more than two years, affording him knowledge of their standards and guidelines required for roadway projects. He is also familiar with AASHTO standards and guidelines and has completed the Traffic Engineering Analysis Process and Report Modules 1-3 training.*
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.
04/19-05/20	**EBR CITY-PARISH, 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.
06/17-2021	**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.
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.
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	**LA SAFE 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.

Firm employed by	**G.E.C., Inc.**
Name	**Christopher Nipper, PE** *Continued Resume*
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.
2017	**LA 3152, CLEARVIEW OPERATIONAL IMPROVEMENTS: Jefferson Parish, LA.** *Designer* - This project involved the milling and overlaying of LA 3152. Along with the milling and overlaying, turn lanes were being added, extended, etc., so new pavement sections were designed. Mr. Nipper was involved in checking and correcting the plans. He checked and calculated quantities and the estimated costs associated with this project.
06/17-10/18	**H.012783 / WB VETERANS, SEVERN AVE. – CLEARVIEW PKWY.: Jefferson Parish, Veterans Blvd.** *Co*-Designer – This project involved the milling and overlay of Veterans Blvd. Two new drainage systems were also designed to reduce ponding along the road way. Christopher 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.
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 eleven foot 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-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.
2018	**US 90 (FUTURE I-49 SOUTH), LA 318 INTERCHANGE, ROUTE US 90: St Mary Parish, LA.** *QA/QC* - GEC was the Owner Verification Firm (OVF) for this Design-Build Project, which includes the CE&I, right-of-way acquisition, and utility relocation. Mr. Nipper was involved in the QA/QC of the construction plans. He checked quantities, and verified that elements of the design met LADOTD standards.
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.

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	N/A		
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).
	*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.*
2010-2017	**ORETHA CASTLE (O.C.) HALEY BOULEVARD STREETSCAPE: New Orleans, LA.** *Lead Planner* - GEC was the urban planning and engineering design firm selected by the City of New Orleans Department of Public Works to prepare the redevelopment design of Oretha Castle Haley Blvd. from Calliope St. to St. Andrew St. The strategies consisted of infill development assistance, home ownership initiative, façade improvements, sidewalk repairs, asphalt pavement restoration or reconstruction, lighting, landscaping, geometric improvements, signage and striping, ADA-compliant sidewalks and ramps, and evaluation of existing / future traffic flow. The strategy also considered progressive design solutions to reduce crime along the corridor. The urban design vision was to create a design plan to inspire and catalyze the redevelopment of the Central City Main Street Corridor while improving safety for bicycle, pedestrian, transit and vehicle use in the corridor. The implementation of Complete Streets policy was an integral part of this project. The construction of this project was completed in March 2017 and, in June 2017, The National Main Street Center Organization awarded Oretha Castle Haley Blvd. with the national distinction of "Great American Main Street Award" (GAMSA) for the creation of a more economically, socially, and culturally vibrant commercial district. GEC's contribution consisted in the application of Urban Planning Strategies, engineering, landscaping, and construction management and inspection.
2016-2017	**PALMISANO BOULEVARD MULTI-USE TRAIL: St Bernard Parish, LA.** *Senior Planner* - Mr. Flores participated in the design of a multi-use trail along Palmisano Blvd. from St. Bernard Hwy. to Karen Street. The primary feature of the design involved construction of a 10' wide concrete multi-use trail suitable for walkers, joggers, skaters, bicyclists, and other non-motorized transportation users. The path provides improved access to Chalmette High School and Activity Centers, the Parish Library, and it increases pedestrian safety at Judge Perez Drive.
2011-2014	**SOUTH BROAD AND WASHINGTON AVENUE STREETSCAPE: New Orleans, LA.** *Senior Planner* - The City of New Orleans contracted GEC to design the streetscape improvements for South Broad Street. To restore the pedestrian friendly aspect of this neighborhood business area, it was imperative to reduce the speed of through traffic through this exceptionally wide corridor to improve pedestrian safety and reinforce the feeling of reaching a destination. Several specific improvements were studied. The following planning was designed and constructed: sidewalk buffers at street corners; signage and striping; street lighting; street planting; and neutral ground improvements.

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).
	*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. Prior to joining GEC, Mr. Philley worked with HRC Engineers, Surveyors, and Landscape Architects and Pritchard Engineering, affording him knowledge of the standards and guidelines required for roadway projects. He is also very familiar with AASHTO standards and guidelines.*
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 LA DOTD standards and guidelines.
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 LA DOTD standards and guidelines.
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.
2019	**THE VILLAGES AT BROOKMONT: Douglas County, GA.** *Designer* - This project involved design of 27 lots for townhomes. It required extending an existing road, lot grading, stormwater drainage and retention, sediment calculations, and erosion control. This project required the analysis of the local drainage areas. Using the collected data from the drainage areas it was determined an existing storm water management pond could be used. Cut and fill volumes were calculated. This project was designed with the current Douglas County standards and guidelines.
2019-2020	**HAMRICK LAKE: Douglas County, GA.** *Designer* - This project involved the permitting of several existing lots. This required lot grading, lot fit, and the design of erosion control measures. Quantities of cut/fill volume, and sediment volumes were computed. This project was designed with the current Douglas County standards and guidelines.
2019-2020	**THE VIEW AT CEDAR MOUNTAIN: Douglas County, GA.** *Designer* - This project involved the permitting of several existing lots. This required lot grading, lot fit, and the design of erosion control measures. Quantities of cut/fill volume, and sediment volumes were computed. This project was designed with the current Douglas County standards and guidelines.
2019-2020	**BRYSON LAKE: Paulding County, GA.** *Designer* - This project involved the permitting of several existing lots. This required lot grading, lot fit, and the design of erosion control measures. Quantities of cut/fill volume, and sediment volumes were computed. This project was designed with the current Paulding County standards and guidelines.

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).
	*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*
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.
05/15-09/21	**H.009479 / WEST LAROSE VERTICAL LIFT SPAN BRIDGE REHABILITATION: Larose, LA.** *Principal-in-Charge* - Mr. Buckel is providing project management and oversight for the GEC Project Engineer and inspectors for the rehabilitation 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.
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.

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 / 09-30-2022	
Year registered	1983	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).
	*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.
08/05-09/06	**DISTRICT MAINTENANCE ENGINEER, LADOTD:** Mr. Maurin managed all LADOTD maintenance activities in District 62, Hammond, which consists of 6 parishes, 1842 miles of roadway, 550 bridges, 8 movable bridges & 3 rest areas. Responsible for roadway, bridge/facility maintenance, movable bridge operations, painting, signs, signals, striping, drainage, rest area operations, herbicide program, fleet management & emergency operations.

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).
	*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".*
2011-Present	**GREATER NEW ORLEANS EXPRESSWAY COMMISSION (GNOEC): New Orleans, LA.** *Environmental Engineer* - Since 2011, Mr. Robinson has provided environmental program management oversight for improvements to the Lake Pontchartrain Causeway. He has prepared Programmatic and Categorical Exclusions (PEC/CE) for maintenance, repair, and improvement projects requiring coordination and permitting by U.S. Coast Guard. Projects include: H.011217 – Demolition of 9-Mile Turnaround (2018); H.010440 - North Toll Plaza Widening (2011); H.009322 - Piling Restoration/ Transformer Platforms (2012); H.009323 - North Channel Bascule Control System (2012); H.005972 - 9-Mile Turnaround and Crossover No. 5 (2013); and H.011231 - North Toll Plaza Scour Protection (2014). GEC documented these projects in accordance with the LADOTD's Environmental of Standard Practice guidance regarding Stage 0 – Feasibility and Stage 1 – Planning/Environmental processes. GEC prepared preliminary Purpose and Need Statements, assessed alternatives, and identified potential environmental constraints using the Department's Environmental Determination Checklist. GEC prepared and conducted regulatory Solicitations of Views (SOVs); prepared responses to regulatory comments/guidance; conducted wetland delineations and threatened/ endangered species assessments; prepared wetland/water body survey reports; and prepared Section 10/404, LDEQ Water Quality Certification, Coastal Use Permit, and USCG Bridge Permit applications.
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 in Covington, LA.
01/14-05/16	**H.004983 / U.S. HWY. 11 WIDENING (LAKE PONTCHARTRAIN-SPARTAN DRIVE): Slidell, 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 2.8 miles of U.S. Hwy 11 in Slidell in accordance with DOTD, FHWA, and NEPA requirements, a project which also included plans to raise the highway at its intersection with a flood protection levee. 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.

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: **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).
	*Mrs. Bernard is a licensed Professional Engineer, experienced with a range of engineering projects including environmental planning, water resources (open channel, sub-surface, floodplain mapping, and numerical modeling), coastal/habitat restoration, traffic engineering, and roadway design. 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. She 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, the LADOTD Traffic Engineering Process and Report Training Modules 1, 2, and 3, and the LADOTD Louisiana Road Safety 101 webinar*
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 the planning, public outreach, and engineering and environmental services necessary to gauge public support and 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.
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.
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	**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 / 09-30-2022 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 / MPR 5**	

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).
	*Mr. Swanson's career began over 33 years ago when he worked as an electrician for the U.S. Navy. Even though he graduated in Civil Engineering, he completed several Electrical and Power Engineering courses and much of his career has focused on Electrical Engineering since he graduated in 1992. He has over 20 years of experience with transportation planning and traffic engineering. 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 and traffic signal design, traffic data collection and analysis, traffic signal warrant analysis, traffic signal timing and optimization, design of isolated traffic signal intersections, development of traffic control devices plans and computerized signal system design and engineering projects.*
09/19-Present	**LA SAFE 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 Street 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.
2007	**TRAFFIC SIGNAL / ITS STUDY AND DESIGN, DISTRICT 61, TASK 1 – LA HIGHWAY 73 AT I-10 AND LA 621: Ascension Parish, LA.** *Traffic Engineer* - Mr. Swanson provided Signal Modifications and Geometric Study. Task required conducting a traffic and transportation network analysis of LA 73/LA 621 at the I-10 interchange including project management, warrant analysis, traffic signal study, traffic signal timing and optimization, temporary work zone signage and assigned deliverables. Traffic counts, warrant analysis, field inspection of all four intersections; deliverables (report); Unsignalized intersection analysis and with signal study for St. John Street at Main Street, LA 22 at Pine and LA 22 at LA21/ LA1077. Traffic Signal Study - Manual Traffic Counts for LA 21 at Pine and St. John Street at Main Street (LA 21); Manual Traffic Counts for LA 22 at Pine and LA 22 at LA 21/LA 1077; Condition Diagram and Condition Report.
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. Performed the Stage 0 and was involved in the Transportation Management Plan.
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	**ORMOND BLVD. REHABILITATION: St. Charles Parish, LA.** *Traffic Engineer* - Mr. Swanson performed traffic counts and a new roadway striping plan.

Firm employed by	**G.E.C., Inc.**		
Name	**Keith Rebello, PhD, PE**	Years of relevant experience with this employer	22
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).
	*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	**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.
02/19-05/19	**ST. CLAUDE AVENUE BRIDGE BICYCLE AND PEDESTRIAN IMPROVEMENTS: New Orleans, LA.** *Structural Engineer* - Dr. Rebello designed an elevated walkway and platform, attached to the outside of the vehicular bridge, to support a cantilevered traffic signal pole. Pole design and support design conformed to AASHTO LRFD Specifications for Highway Signs, Luminaries and Traffic Signals with wind loads based on ASCE 7-10. The pole base plates and anchors were designed to provide a full moment connection to the roadway supports.
07/09-Present	**GNOEC, INSPECTION OF THE CAUSEWAY BRIDGE AND APPROACHES: Jefferson and St Tammany Parishes, LA.** *Load Rating Structural Engineer* - Dr. Rebello is the primary Load Rating Structural Engineer on this project. Federal Law 39 FR 10430 requires that all bridges on public roads be inspected and rated in accordance with National Bridge Inspection Standards (NBIS), 23 CFR Part 650, Subpart C. As Consulting Engineer for the Greater New Orleans Expressway Commission (GNOEC), GEC is responsible for the NBIS inspection and load rating for all GNOEC-owned bridges. Dr. Rebello has performed superstructure ratings for double-leaf steel Bascule Spans, prestressed concrete box girder spans, prestressed concrete monolithic girder and slab spans, and, composite steel girder and concrete deck spans on the GNOEC owned system. All rating has been done in accordance with American Association of State Highway Transportation Officials (AASHTO) Manual for Bridge Evaluation.
04/19-12/21	**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.
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.
04/13-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

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).
	*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.*
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.
02/20-Present	**H.013897 / I-10 & I-12 COLLEGE DR. FLYOVER RAMP DESIGN-BUILD PROJECT: East Baton Rouge Parish, LA.** *Electrical Engineer of Record* - Mr. Prattini has provided photometric and lighting design review and quality control review for the GEC/Boh Bros. team. GEC is responsible for engineering and design quality control services as necessary to complete the design and construction for the I-10 & I-12 College Dr Flyover Ramp Design-Build Project.

Firm employed by	**NTB Associates, Inc.**		
Name	**Bryan T. Bunch, PLS**	Years of relevant experience with this employer	12.5
Title	Executive Vice President	Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization	B.S. / 1998 / Survey and Land Information Systems		
Active registration number / state / expiration date	5014 / Louisiana / 03-31-2024		
Year registered 2009	Discipline: Professional Land Surveyor		
Contract role(s) / brief description of responsibilities	Role on this Project: **Topographic Surveying / MPR 4**		

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).
08/21 – 06/22	**LADOTD RURAL BRIDGE REPLACEMENT INITIATIVE PHASE II, DISTRICTS 05, 08, AND 58 (4400019337):** Project Manager directing survey crews, file processing, drafting, and submittals for topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection for 34 bridge and culvert replacements as a sub-consultant to BKI.
04/21 – 06/22	**LADOTD RURAL BRIDGE REPLACEMENT INITIATIVE PHASE II, DISTRICTS 02, 03, 07, 61, & 62 (4400019338):** Project Manager directing survey crews, file processing, drafting, and submittals for topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection for 21 bridge and culvert replacements as a sub-consultant to Sigma.
12/20 – 03/22	**LADOTD LA 47 IWGO BRIDGE REHABILITATION, HISTORIC BRIDGE IMPROVEMENT (HBI), ORLEANS PARISH, LA (4400017713):** Project Manager directed survey crews, file processing, drafting, and submittals for topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection for bridge repair/ rehabilitation.
05/15 – 12/20	**CITY OF BOSSIER, WALTER O. BIGBY CARRIAGEWAY (N. PKWY EXT.) BOSSIER PARISH, LA (CITY PROJ. NO. 8-15):** QC Surveyor supervised south LA crew members and technicians for topographic surveying services for a parkway facility design featuring new roads, additional lanes, roundabouts, and a bridge.
12/17 – 07/20	**LADOTD I-10, LA 415 TO ESSEN LANE ON I-10 AND I-12, WEST & EAST BATON ROUGE PARISHES, LA (H.004100.5):** Project Manager directed survey crews, file processing, drafting, and submittals for topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection for interstate rehabilitation.
07/19 – 02/20	**LADOTD I-10, LOYOLA INTERCHANGE, KENNER, JEFFERSON PARISH, LA (H.011670):** Project Manager directed survey crews, file processing, drafting, and submittals for topographic surveying services as a sub-consultant to Forte & Tablada, Inc.
12/18 – 01/20	**LADOTD LA 951, ROADWAY WASHOUT REPAIRS, EAST FELICIANA PARISH, LA (H.013643):** Project Manager directed survey crews, file processing, drafting, and submittals for topographic surveying services and surveys in support of SUE for road rehabilitation and bridge replacement.
03/19 – 10/19	**LADOTD US 167, LA 2, MIDDLE SLOUGH & CREEK BRIDGES, UNION PARISH, LA (4400009385 & H. 012037.5):** Assistant Project Manager assisted in the supervision of survey crews, file processing, drafting, and submittals for topographic surveying services.
06/18 – 10/18	**LADOTD I-10, WILLIAMS BLVD. TO VETERANS BLVD., JEFFERSON PARISH, LA (H.003074.5 & H.009087.5):** Project Manager directed survey crews, file processing, drafting, and submittals for topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection for interstate rehabilitation as a sub-consultant to GEC, Inc.
05/16 – 06/18	**LADOTD LA 675 & LA 87 IMPROVEMENTS IN NEW IBERIA, IBERIA PARISH, LA (4400002562 & 4400006814):** Project Manager directed survey crews, file processing, drafting, and submittals for topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection for drainage rehabilitation as a sub-consultant to Stanley Consultants, Inc.
12/15 – 06/17	**LADOTD COTTON TO SILO BRIDGE REPLACEMENT, ST. MARY PARISH, LA (4400003592 & H.001723.5):** Project Manager directed survey crews, file processing, drafting, and submittals for topographic surveying services as a sub-consultant to Denmon Engineering.

Firm employed by	**NTB Associates, Inc.**	
Name	**Bryan T. Bunch, PLS**	*Continued Resume*
07/16 – 03/17	**LADOTD BAYOU FOUNTAIN, ROUTE LA 327 SPUR (GARDERE LANE) EAST BATON ROUGE PARISH, LA (4400006527 & H.002337.5):** Project Manager directed survey crews, file processing, drafting, and submittals for topographic surveying services.	
05/16 – 12/16	**LADOTD I-110, INTERCHANGE MODIFICATIONS, EAST BATON ROUGE PARISH, LA (4400006527 & H.012422.5):** Project Manager directed survey crews, file processing, drafting, and submittals for topographic surveying services.	
10/15 – 07/16	**LADOTD MACARTHUR INTERCHANGE COMPLETION PHASE II, ROUTE US 90-Z, JEFFERSON PARISH, LA (4400005142 & H.011309.5):** Project Manager directed survey crews, file processing, drafting, and submittals for topographic surveying services as a sub-consultant to SDR Engineering.	
04/15 – 02/16	**LADOTD I-20 (AIRLINE DRIVE TO I-220) BOSSIER PARISH, LA (4400005532 & H.011319.5):** Assistant Project Manager supervised south LA crew members and technicians for topographic surveying services.	
04/15 – 09/15	**LADOTD LA 3094, HEARNE AVE. BRIDGE REHAB, ROUTE LA 3094, CADDO PARISH, LA (4400001798 & H.011094.5):** Assistant Project Manager assisted in the supervision of survey crews and technicians for topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection for bridge rehabilitation.	
02/14 – 03/15	**LADOTD EARHART EXPRESSWAY EXTENSION TO US 61, ROUTE LA 3139, JEFFERSON PARISH, LA (H.004367.5):** Project Manager directed survey crews, file processing, drafting, and submittals for topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection as a sub-consultant to AECOM.	
07/12 – 01/14	**LADOTD I-10 LOYOLA AVE. TO WILLIAMS BLVD., JEFFERSON PARISH, LA (H.003074.5 & H.009087.5):** Project Manager directed survey crews, file processing, drafting, and submittals for topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection as a sub-consultant to GEC, Inc.	
07/12 – 06/13	**LADOTD I-10 WILLIAMS BLVD. TO VETERANS BLVD., JEFFERSON PARISH, LA (H.003074.5 & H.009087.5):** Project Manager directed survey crews, file processing, drafting, and submittals for topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection as a sub-consultant to GEC, Inc.	
07/10 – 10/12	**LADOTD LA 42 WIDENING AND IMPROVEMENTS DISTRICT 61, ASCENSION PARISH, LA (700-03-0125 & 701-65-1538):** Project Surveyor assisted in the supervision of survey crews, file processing, drafting, and submittals for topographic surveying services.	
01/12 – 04/12	**LADOTD I-12 WALKER TO SATSUMA, LIVINGSTON PARISH, LA (4400001798 & H.009836.5):** Project Surveyor assisted in the supervision of survey crews, file processing, drafting, and submittals for topographic surveying services.	
02/11 – 08/11	**LADOTD I-20 REHABILITATION WESTERFIELD AVENUE TO INDUSTRIAL DRIVE, DISTRICT 04, BOSSIER PARISH, LA (H.003860.5 & 700-99-0525):** Project Surveyor assisted in the supervision of south LA survey crews, file processing, drafting, and submittals for topographic surveying services.	
09/09 – 03/10	**LADOTD LAWRENCE, BOGALUSA, AND COBURN CREEK BRIDGES, ROUTE LA 10, WASHINGTON PARISH, LA (700-99-0484 & 701-65-1347):** Project Manager directed survey crews, file processing, drafting, and submittals for topographic surveying services.	

Firm employed by	**NTB Associates, Inc.**		
Name	**Mike J. King, PLS**	Years of relevant experience with this employer	15
Title	Staff Surveyor	Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization		B.S. / 2012 / Construction Management	
Active registration number / state / expiration date		5127 / Louisiana / 09-30-2023	
Year registered	2015	Discipline	Professional Land Surveyor
Contract role(s) / brief description of responsibilities		Role on this Project: **Topographic surveying services**	

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).
08/21 – 06/22	**LADOTD RURAL BRIDGE REPLACEMENT INITIATIVE PHASE II, DISTRICTS 05, 08, AND 58 (4400019337):** Assistant Project Manager assisting in the management of survey crews and technicians for topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection for 34 bridge and culvert replacements as a sub-consultant to BKI.
04/21 – 06/22	**LADOTD RURAL BRIDGE REPLACEMENT INITIATIVE PHASE II, DISTRICTS 02, 03, 07, 61, & 62 (4400019338):** Assistant Project Manager assisting in the management of survey crews and technicians for topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection for 21 bridge and culvert replacements as a sub-consultant to Sigma.
12/20 – 03/22	**LADOTD LA 47 IWGO BRIDGE REHABILITATION, HISTORIC BRIDGE IMPROVEMENT (HBI), ORLEANS PARISH, LA (4400017713):** Assistant Project Manager assisted in the management of survey crews and technicians for topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection for bridge repair/ rehabilitation.
12/20 – 03/21	**LADOTD LA 6, YOUNGS BAYOU BRIDGE REHAB, NATCHITOCHES PARISH, LA (4400017713 & H.013821.5):** Project Manager directed survey crews, file processing, drafting, and submittals for topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection for bridge rehabilitation.
05/15 – 12/20	**CITY OF BOSSIER, WALTER O. BIGBY CARRIAGEWAY (N. PKWY EXT.) BOSSIER PARISH, LA (CITY PROJ. NO. 8-15):** QC Surveyor reviewed data and drafting for topographic surveying services.
12/17 – 07/20	**LADOTD I-10, LA 415 TO ESSEN LANE ON I-10 AND I-12, WEST & EAST BATON ROUGE PARISHES, LA (H.004100.5):** Assistant Project Manager assisted in the management of survey crews and technicians for topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection for interstate rehabilitation.
07/19 – 02/20	**LADOTD I-10, LOYOLA INTERCHANGE, KENNER, JEFFERSON PARISH, LA (H.011670):** Assistant Project Manager assisted in the management of survey crews and technicians for topographic surveying services as a sub-consultant to Forte & Tablada, Inc.
12/18 – 01/20	**LADOTD LA 951, ROADWAY WASHOUT REPAIRS, EAST FELICIANA PARISH, LA (H.013643):** Assistant Project Manager assisted in the management of survey crews and technicians for topographic surveying services for road rehabilitation and bridge replacement.
03/19 – 10/19	**LADOTD US 167, LA 2, MIDDLE SLOUGH & CREEK BRIDGES, UNION PARISH, LA (4400009385 & H. 012037.5):** QC Surveyor reviewed data and drafting for topographic surveying services for bridge rehabilitation/ design for two separate bridge site locations.
06/18 – 10/18	**LADOTD I-10, WILLIAMS BLVD. TO VETERANS BLVD., JEFFERSON PARISH, LA (H.003074.5 & H.009087.5):** Assistant Project Manager assisted in the management of survey crews and technicians for topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection for interstate rehabilitation as a sub-consultant to GEC, Inc.
05/16 – 06/18	**LADOTD LA 675 & LA 87 IMPROVEMENTS IN NEW IBERIA, IBERIA PARISH, LA (4400002562 & 4400006814):** Assistant Project Manager assisted in the management of survey crews and technicians for topographic surveying services utilizing HDS 3D Terrestrial Laser Scanning methods of data collection for drainage rehabilitation as a sub-consultant to Stanley Consultants, Inc.

Firm employed by	**Vectura Consulting Services, LLC**		
Name	**Sheelagh "Brin" Ferlito, PE, PTOE**	Years of relevant experience with this employer	6
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 / MPR 5**	

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.
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	6
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 / MPR 5**		

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.
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*
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	1
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).
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.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.
10/16 – 12/18	**H.012685 LA 385 RYAN STREET FEASIBILITY STUDY:** (Lake Charles, LA) Prasanth was the project engineer responsible for developing feasible alternatives to preserve / enhance mobility and safety along the corridor. The 1.8-mile corridor study area includes 22 intersections and 133 driveways. The project included data collection, safety / crash review, traffic forecasting, developing alternatives, analysis of existing and proposed conditions and benefit / cost analysis. The future year traffic for the proposed roadway alternatives was forecasted utilizing IMCAL travel demand model.
09/10 – 02/12	**S.P. NO. 700-99-0447 US 190 SUPERSTREET STUDY:** (Covington, LA) Prasanth was the project engineer responsible for performing corridor study and develop solutions to improve mobility along the corridor. The alternatives analyses included R-CUT and signalized intersection using Synchro and SimTraffic. Responsible for data collection, travel time runs and intersection analysis.

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.
09/20 – 12/21	**H.011909.5-4 ROUNDABOUT US 171 AT BOONE ST.:** (Vernon Parish) Reece was a project engineer, who participated in the production of the temporary signal design associated with the sequence of construction for the roundabout at US 171 at Boone St. He conducted a thorough analysis of the US 171 corridor's existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.
09/20 – 12/21	**H.010960.5 LA 30 ROUNDABOUTS AT TANGER I-10:** (Ascension Parish) Reece was a project engineer, who assisted in the production of the temporary signal design associated with the sequence of construction for the roundabouts on LA 30 in Gonzales, LA. This project consists of eight proposed construction phases. He assisted in calculating the temporary pole heights, determining the placement location for the temporary poles for each phase, measuring and calculating clearance intervals. Reece conducted a thorough analysis of the LA 30 corridor's existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.
04/20 - Current	**H.004791 DOTD BELLE CHASSE BRIDGE & TUNNEL REPLACEMENT PUBLIC-PRIVATE PARTNERSHIP PROJECT:** (Belle Chasse) Reece is the project engineer who designed the temporary traffic signal for the intersection of LA 23 at Engineers Rd. The design of the temporary signals is set for eight phases of construction per 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.

17. Firm Experience

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

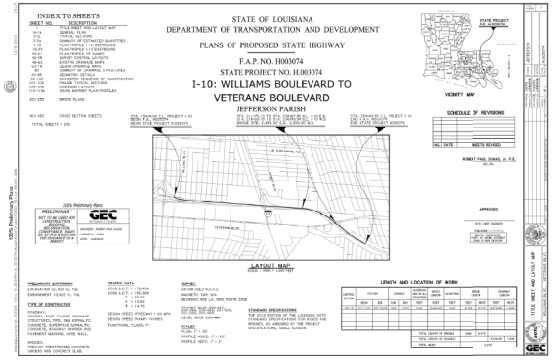
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)
* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used

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 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.

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.

Firm Members Involved: Cary Bourgeois, Jerome Lohmann, Keith Rebello, Christopher Nipper

Firm Name	**G.E.C., Inc.**	Past Performance Evaluation Discipline(s)*	**Road**
Project Name	**Chevelle Drive and Sarasota Drive Bridge Replacements**	Firm responsibility (prime or sub?)	Prime
Project Number	Bridge Recall No(s). 800541 and 800561; City Parish Project No. 18-BR-US-0016; Contract No. 800001943	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)	04/19	Total consultant contract cost ($1,000's)	$ 319
Services completed by this firm (mm/yy)	12/21	Cost of consultant services provided by this firm ($1,000's)	$ 271

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 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.

GEC's preliminary and final design study tasks included planning, procuring, and preparing environmental studies for preliminary design. GEC performed an alignment study to determine detour routes, typical sections, and horizontal and vertical alignments along with bridge site/watershed evaluations and associated preliminary construction cost estimates.

GEC provided a hydraulic analysis using HEC-RAS, following LADOTD's Guidelines for Off System Bridges. This included an analysis of alternate replacement structures, based on flow and compared replacement alternates to the existing structure, along with recommendations for replacement and scour analyses.

GEC prepared a final report summarizing findings. GEC also conducted a wetland analysis/delineation for the replacement project, performed in accordance with Section D, Subsection 2 of Technical Report Y-87-1, Corps of Engineers Wetlands Delineation Manual as well as the Atlantic and Gulf Coastal Plains Regional Supplement.

GEC also provided USACE Permitting services including a Pre-Construction Notification (PCN) packet.

GEC performed final design of both replacement bridges and 98% final plans were submitted. Each replacement bridge provides 30' clear roadway with a 7'-0" walkway on each side. GEC designed 20' approach slabs with sidewalks at each end. Detailed design for each bridge consisted of the following:

Chevelle Drive Bridge: This bridge crosses the west fork of the north branch of Ward Creek at a 30-degree skew angle. This 80' long slab span bridge consists of four 20' spans supported by pile bents within 16" square PPC piles.

Sarasota Bridge: This 100' long slab span bridge crosses Engineers Depot Canal with zero skew angle and consists of five 20' spans supported by pile bents with 24" square PPC piles.

Rebuilding of the approach roadways and drainage were also included in the project.

Firm Members Involved: Cary Bourgeois, Keith Rebello, Jerome Lohmann, Alison Nissen, Chris Nipper

Both bridges were located in a FEMA flood plain and the 100 year design water surface could not be raised

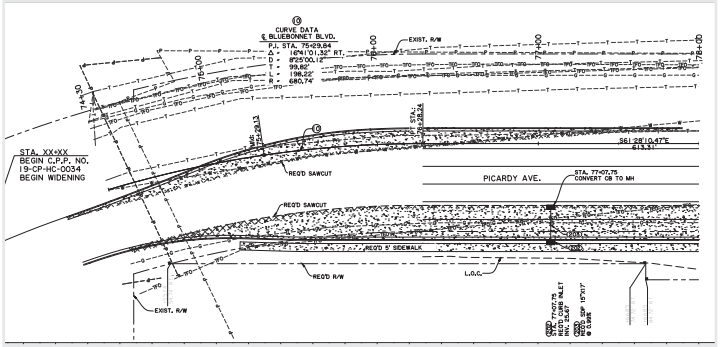
Firm Name	**G.E.C., Inc.**	Past Performance Evaluation Discipline(s)*	**Road**
Project Name	**Bluebonnet Blvd. (Perkins Road to Picardy Avenue)**	Firm responsibility (prime or sub?)	Prime
Project Number	City-Parish Project No. 19-CP-HC-0034	Owner's Name	City-Parish of East Baton Rouge
Project Location	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.

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.



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

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, Keith Rebello, Jerome Lohmann, Alison Nissen, Chris Nipper

Firm Name	**G.E.C., Inc.**	Past Performance Evaluation Discipline(s)*	**Road**
Project Name	**I-10 & I-12 College Dr Flyover Ramp Design-Build**	Firm responsibility (prime or sub?)	Prime
Project Number	H.013897	Owner's Name	LADOTD
Project Location	Baton Rouge, Louisiana	Owner's Project Manager	Peggy Jo Paine, PE
Owner's address, phone, email	1201 Capital Access Road, Baton Rouge, LA 70804, Peggy.paine@la.gov, (225) 379-1065		
Services commenced by this firm (mm/yy)	02/20	Total consultant contract cost ($1,000's)	$ 52,385
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)	$ 6,079

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.

LADOTD selected the BOH/GEC Team to provide engineering services for this Design-Build contract. Our Team's design improves the flow of traffic and increases safety by realigning the two existing I-12 WB through lanes to more closely follow the I-12 EB existing alignment. Our design replaces the I-10 WB Overpass Bridge with a new structure at a bridge width, which will accommodate both the I-10 WB through lanes and the I-10 WB College Drive exit ramp, while utilizing the existing I-12 WB pavement for the I-12 WB College Drive exit ramp. GEC's design services also include improvements to the I-12/I-10 exit lane at the College Drive intersection.

GEC designed the widening of the I-10 westbound bridge over Ward Creek, a bridge structure encompassing three (3) 55' long simple spans composed of rolled steel girders with a cast-in-place concrete deck. While the bridge is in a curve, the girders are parallel with a varying overhang. The spans are skewed at approximately 55 degrees. GEC's design rehabilitates the existing bridge, replaces the deck joints, and incorporates a bridge sound barrier. The project requires that 5-lanes of traffic be maintained at all times though this heavily-traveled corridor; therefore, GEC staff developed the bridge plans to construct the widening and rehabilitation in multiple phases.

In addition to bridge design, GEC completed roadway construction plans and geometric layout for the entire project, ensuring conformance to LADOTD and AASHTO standards. GEC also provided hydraulic design, which included several subsurface drainage systems, cross drains, and a hydraulic channel analysis to ensure the project did not negatively impact the surrounding areas.

GEC's electrical department provided a photometric report and lighting design plans, which consist of both high-mast and low-mast lighting. GEC's electrical design includes eight (8) new high-mast light poles and re-uses four (4) existing high-mast light poles, along with the addition of three (3) ground-mount low-mast light poles and twenty-two (22) median barrier mount low-mast light poles.

GEC staff is currently providing construction engineering and inspection services, which requires the review of engineering shop drawings and equipment submittals from the contractor for this ongoing project.

GEC's innovative design allows the majority of the project to be constructed without any significant changes to current traffic patterns, greatly increasing worker and public safety.

Firm Members Involved: Cary Bourgeois, Keith Rebello, Jerome Lohmann, Alison Nissen, Chris Nipper

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.

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

Firm Members Involved: Jerome Lohmann

Firm Name	**NTB Associates, Inc.**	Past Performance Evaluation Discipline(s)*	**Survey**
Project Name	**Rural Bridge Replacement Initiative Phase II**	Firm responsibility (prime or sub?)	Sub
Project Number	4400019337	Owner's Name	LaDOTD Baton Rouge/ Burk-Kleinpeter, Inc.
Project Location	Districts 05, 08, and 58	Owner's Project Manager	Mr. Nicholas Matherne
Owner's address, phone, email	4176 Canal Street, New Orleans, LA 70119 (504) 486-5901 nmatherne@bkiusa.com		
Services commenced by this firm (mm/yy)	08/21	Total consultant contract cost ($1,000's)	$1,364,616
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)	$1,364,616

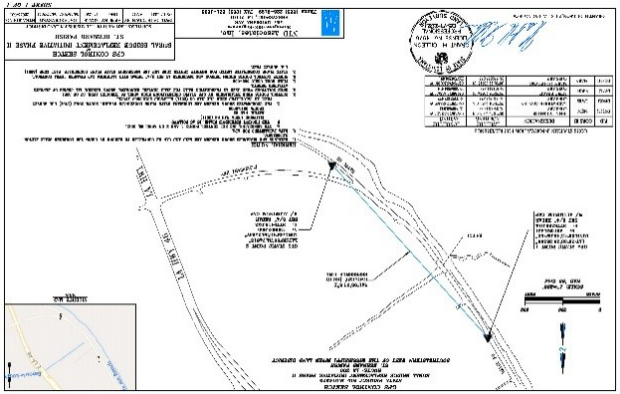
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

* 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.

NTBA is performing Static GPS Control, topographic and property surveying services, and subsurface utility engineering for 34 bridge and culvert replacements throughout Central Louisiana. Topographic surveying utilizing HDS 3D Terrestrial Laser Scanning methods includes surveying of all sub-surface drainage structures, 200 feet upstream and downstream with cross-sections every 50 feet along channels, deck gutter lines, centerline of joints, low chord elevations, bent locations, and right-of-way 800 feet either side of structure. Subsurface utility engineering services include QL C and D utility mapping. NTBA will produce electronic topographic drawings in MicroStation depicting all utility and topographic information. This data is provided to the engineering consultant for incorporation into their hydraulic model being utilized to evaluate the system. NTBA is providing property surveys on 2 of the 34 bridge sites currently with the potential for additional sites in the future based on design needs. Property surveying will include surveying of each parcel affected by either construction servitude or additional right-of-way requirements along with production of preliminary and final right-of-way maps and parcel descriptions. All services are being completed in accordance with the Location and Survey Manual and all currently accepted Location and Survey Automated procedures.

Nature of firm's responsibility & firm members involved who are featured in this 24-102:

Static GPS Control, Topographic & Property Surveying Services, HDS 3D Terrestrial Laser Scanning, QL C & D SUE Services, Preliminary and Final Right-of-Way Maps, and Parcel Descriptions



Firm Members Involved: B. Bunch, PLS, M. King, PLS

Firm Name	**NTB Associates, Inc.**			Past Performance Evaluation Discipline(s)*	**Survey**
Project Name	**LA 47 IWGO Bridge Rehabilitation, Historic Bridge Improvement (HBI)**			Firm responsibility (prime or sub?)	Prime
Project Number	4400017713	Owner's Name	LADOTD		
Project Location	Orleans Parish, LA		Owner's Project Manager	Mr. Barrett Smith, PLS	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802 (225) 379-1133 barrett.smith@la.gov				
Services commenced by this firm (mm/yy)	12/20	Total consultant contract cost ($1,000's)		$588.4	
Services completed by this firm (mm/yy)	03/22	Cost of consultant services provided by this firm ($1,000's)		$588.4	

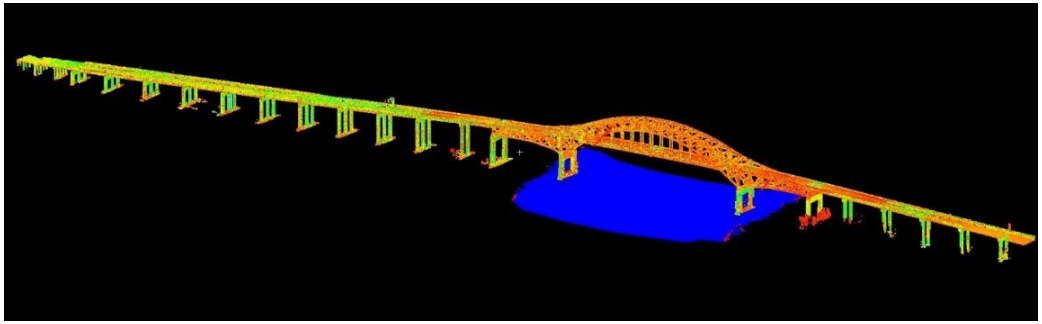
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

* 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 LA 47: IWGO Bridge Rehabilitation Project is 6,622 feet long Historic Bridge Improvement (HBI) project connecting New Orleans East and Chalmette across the Intercoastal Waterway Gulf Outlet in Orleans Parish. The "Preservation Priority" bridge consists of concrete slab spans, pre-stressed girder spans, welded steel plate girder spans, and tied-arch girder truss spans. NTBA's services on the project entailed installation of six deep rod monuments, topographic surveys, establishing a Static GPS Control Network, HDS 3D Terrestrial Laser Scanning, hydrographic surveying, and QL C, and D Subsurface Utility Engineering Services. From the data collected, NTBA developed surface models to provide drawings of specified piers, joint, and truss locations at 4 separate times as deliverables. NTBA also provided traffic control coordination of a complete closure of the bridge from Friday at 8pm until Monday at 5am on 4 separate occasions to complete the project on time, within budget and with minimal disruption to the public and local businesses. All services were completed in accordance with the Location and Survey Manual and all currently accepted Location and Survey Automated procedures.

Nature of firm's responsibility:

Static GPS Control, Topographic & Hydrographic Surveying Services, HDS 3D Terrestrial Laser Scanning, and QL C & D SUE Services



Firm Members Involved: B. Bunch, PLS, M. King, PLS

Firm Name	**NTB Associates, Inc.**			Past Performance Evaluation Discipline(s)*	**Survey**
Project Name	**I-10: LA 415 to Essen Lane on I-10 and I-12**			Firm responsibility (prime or sub?)	Prime
Project Number	H.004100.5	Owner's Name	LADOTD		
Project Location	West & East Baton Rouge Parishes, LA		Owner's Project Manager	Mr. Nicholas J. Olivier, PE	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802 (225) 379-1133 nicholas.olivier@la.gov				
Services commenced by this firm (mm/yy)	12/17	Total consultant contract cost ($1,000's)		$7,192.2	
Services completed by this firm (mm/yy)	07/20	Cost of consultant services provided by this firm ($1,000's)		$3,823.7	

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

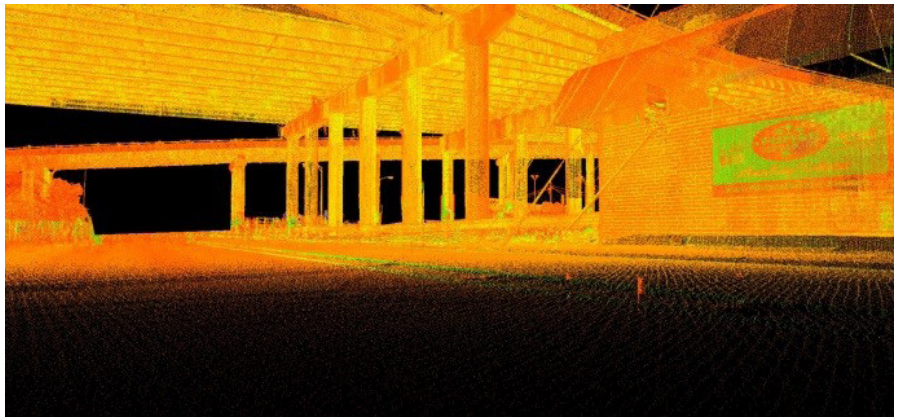
* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.

NTBA performed topographic surveying services and HDS 3D Terrestrial Laser Scanning for approximately 10 miles of the project corridor of I-10 and 1.5 miles of the project corridor of I-12 in West Baton Rouge and East Baton Rouge Parishes beginning 1,500 feet west of the entrance/exit ramps of LA 415 and I-10 interchange and ending 500 feet past the gore of the exit/entrance ramps of the Essen Lane Intersection on both I-10 and I-12. NTBA performed the topographic survey of the designation of utilities performed by Cardno as well as NTBA crews in order to prepare utility maps. This task involved major coordination efforts to schedule field crews in conjunction with Cardno's designating crew to ensure that utility markings were collected timely and correctly. NTBA also developed surface models from LiDAR data obtained from our field crews as well as those of the 3 other sub-consultants. This involved much coordination with the sub-consultants to ensure that the surfaces were seamless at the transitions between the different surveys.

The areas included major thoroughfares, surface streets, railroad right-of-ways, and drainage canals. MicroStation files were provided as the deliverable. NTBA was the prime consultant and in direct supervision and control of 7 sub-consultants with multiple project milestones. This project was completed in accordance with the most current edition of the Location and Survey Manual and all currently accepted Location and Survey Automation procedures.

Nature of firm's responsibility:

Topographic Surveying Services, Surveying Support for SUE Services, SUE, and HDS 3D Terrestrial Laser Scanning



Firm Members Involved: B. Bunch, PLS, M. King, PLS

Firm Name	**Vectura Consulting Services, LLC**	Past Performance Evaluation Discipline(s)*	**Traffic**
Project Name	**I-10 ITS Scott to Lake Charles**	Firm responsibility (prime or sub?)	Sub
Project Number	H.013256.5	Owner's Name	LADOTD
Project Location	I-10 (District 07)	Owner's Project Manager	Roy Esteven, PE
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-2527, Roy.Esteven@LA.gov		
Services commenced by this firm (mm/yy)	01/21	Total consultant contract cost ($1,000's)	unknown
Services completed by this firm (mm/yy)	03/21	Cost of consultant services provided by this firm ($1,000's)	$20,162

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

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

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

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

Firm Members Involved: Laurence Lambert, Prasanth Malisetty, Reece Rodrigue, & Kristen Farrington

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, and 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, Prasanth Malisetty, Reece Rodrigue, Laurence Lambert

IDIQ Contract for Roadway Design Services, Statewide

Summary of Experience

G.E.C., Inc. (GEC) is pleased to offer LADOTD a team significantly experienced in LADOTD topographic surveys, traffic control and design, traffic signal analysis and design, preliminary and final roadway plans, cost estimates, hydraulic analysis and design, road design services during the environmental process, development of special provisions, transportation management plans (TMPs), quality plan reviews, and construction support. The GEC Team will provide roadway design and surveying and traffic services expertise to provide the highest quality and success for projects to advance to successful construction. GEC, along with team members NTB Associates, Inc. (NTBA) and Vectura Consulting Services, a DBE firm, provides LADOTD all required services to meet the needs of this IDIQ Contract.

GEC's 36+ year portfolio of roadway projects is diverse, ranging from local 2 lane roadways and bridge replacement projects to multi-lane urban roadways and interstate widening. The GEC Team will perform engineering services in support of roadway design as required to prepare Preliminary and Final Roadway Plans and associated services for statewide projects under separate Task Orders (TOs) for this IDIQ contract. **This extremely experienced team has current working relationships and the skill to exceed LADOTD's expectations for the various task orders which may be issued under this IDIQ contract.**

Approach

GEC understands LADOTD's typical sequence of project development and will complete all tasks that are a part of each required submittal. 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. The following is an overview of the project development process GEC will follow for a standard project that may be issued as a part of this IDIQ; however, it will be altered appropriately for each independent task order scope. A sample project schedule is included (Figure 1) displaying a typical task order that would be issued as a part of the IDIQ contract.

GEC will perform all engineering services in support of roadway design as required to prepare Preliminary and Final Roadway Plans and associated services for statewide projects. This includes the following services:

Project Kickoff

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

1. Field Review to determine any constraints, including: right-of-way, drainage, utilities, railroad, and other design and construction impacts
2. The pre-design criteria, DOTD Minimum Design Guidelines, and project schedule will be established before the kick off meeting and will be reviewed at the meeting.
3. Traffic data, geotechnical data, pavement design, as-built plans, and other relevant data that is available will be requested and reviewed at this meeting.
4. The scope will be used to determine the appropriate level of environmental clearance, i.e. Categorical Exclusion (CE), Environmental Assessment (EA), or Environmental Impact Statement (EIS). GEC has the experience and the staff to provide the services for either a CE, EA, or EIS, if required.
5. Project point of contacts, schedule, budget, invoicing procedures, and other project management tasks will be discussed and established.
6. Minutes from this meeting will be prepared and distributed to all attendees and will become a part of the official project record.

Topographic Surveys

NTBA will perform survey services to provide topographic surveys and other field information necessary for the design and development of roadway construction plans. NTBA will perform all survey tasks in accordance with the LADOTD Location Survey Manual and Procedures. NTBA has in depth experience in conducting topographic and property surveys with title takeoffs and ROW mapping for LADOTD. NTBA is a current sub-consultant to GEC for the Bluebonnet Blvd. widening project in Baton Rouge and worked as a sub on the I-10 Widening Williams to Veterans in New Orleans.

The steps NTBA will generally follow for a task order issued through this IDIQ includes:

1. Obtain Right-of Entry Agreements; Property owners along the corridor will be identified and will be contacted in order to access properties during the design
2. Establish monuments and control, confirm accuracy of control
3. Roadway Scan- NTBA will first perform a roadway

Jerome Lohmann, PE will serve as the Project Manager for all tasks assigned to GEC. 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.

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

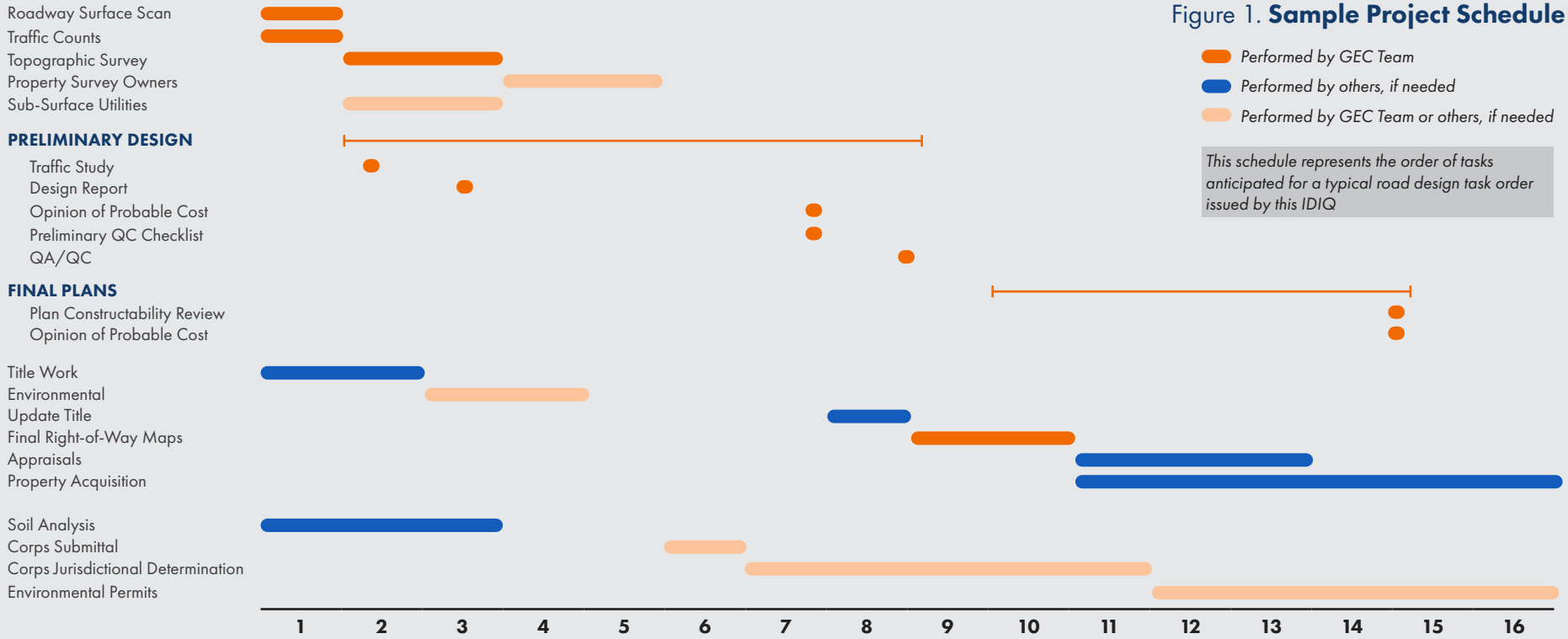
4. Perform Topographic survey
   a. All roadway features, drainage features, driveways, structures, trees, buildings, apparent ROW, and any other necessary structures will be captured
   b. Utility Survey- Prior to, an LA OneCall will be initiated in order for the utilities to be marked prior to performing the survey. The surveyors will meet with the utility companies on site and work alongside them during the marking and will request any relevant paper or 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 in accordance with LADOTD Standards.
8. The required survey submittals will be finalized and submitted to LADOTD.

GEC has in depth experience in utility and right-of-way coordination. This will minimize the potential delays that usually occur during these steps. If ROW acquisition is required, the design team will provide the survey team with the proposed taking ROW, title take offs will be obtained, property boundaries established, a joint plan review will be held to review the ROW maps, final ROW maps will be developed and provided to LADOTD for ROW acquisition.

Traffic Control Design, Traffic Signal Analysis and Design, Transportation Management Plans (TMPs)

Vectura will perform all necessary traffic tasks. Vectura and GEC are working on the Bluebonnet project in Baton Rouge. All proposed engineers for the project of Vectura have completed the DOTD Traffic Engineering Process and Report (TEPR) class and are certified PTOEs. 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

Figure 1. **Sample Project Schedule**



will also follow EDSM VI.1.1.8, which outlines what is required for a TMP. Depending on what level TMP is required, Vectura will perform the following tasks:

- Coordinate with LADOTD to obtain traffic volume and safety data for traffic study to perform safety analysis and alternative route analysis.
- If historic data is not available, follow the Traffic Study Scope of Services as outlined on the LADOTD Traffic Engineering website.
- Along with specifying the correct TTC Details, coordinate with the bridge/road designers on a Work Zone Impact Management Strategy document to minimize risk and delays to the travel public.

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 arrive upon the optimum detour route.

- 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.

Preliminary and Final Roadway Design, Plan Development and Cost Estimates

For over 30 years, GEC has maintained a core team of engineers that specialize in transportation projects in our Baton Rouge Headquarters office and our Metairie office supported by other experienced technical staff. We have performed planning, environmental and engineering services for roadways, bridges, traffic and ITS systems, port facilities, flood protection, water and sewer systems for LADOTD and other agencies and municipalities throughout Louisiana in accordance with the current edition of LADOTD's Roadway Design Procedures and Details Manual. As seen in our portfolio of projects, GEC has performed road design services for state routes, whether it was directly through contract with LADOTD or through permit for a municipality. GEC has also provided design reviews on Design Build projects for LADOTD through Owner Verification contracts. In addition, GEC has provided project management and road design services to local entities on non-state highways as well as complete streets elements including bike and pedestrian paths and green infrastructure.

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

GEC is very familiar with the LADOTD and national and local standards and practices. Due to our diverse portfolio of roadway design and management services for both LADOTD and municipalities, GEC is poised to provide LADOTD with robust experiences that will allow the GEC team to provide innovative solutions to the toughest roadway design challenges.

If required, The GEC Team will upload e-deliverables into the LADOTD ProjectWise repository at any necessary milestone as required by the Task Order. For each required LADOTD submittal, The GEC Team will perform stringent quality reviews to ensure all required items are submitted and that they are accurate and meet our quality acceptance criteria. The plan submittals for this work will generally adhere to the LADOTD Road Design requirements, as follows:

1. **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
2. **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
3. **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.

For the I-10/Pecue Interchange, GEC's Alison Nissen, PE identified and performed design work needed to set/acquire ROW, letting clearing & grubbing work prior to the Interchange Justification Report (IJR) expiration, which satisfied FHWA's requirements of the IJR. **This resulted in cost savings and time savings of 2 years.**

4. **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

5. **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
6. **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)
7. **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

Hydraulic Analysis and Design

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

Quality Plan Reviews

GEC will perform detailed engineering reviews not limited to construction plans, cost estimates, and special provisions developed in association with this contract, by LADOTD's in-house design section or by other consultants. GEC's written Quality and Assurance procedures meet LADOTD's requirements and serve as the basis for our work on all contracts, requiring that each member of the team follows the procedures so that work is performed correctly and delivered on time and within budget. Deliverables must comply with current standards and sound practices and reflect current technology. An independent professional checks the deliverables and the originator corrects any errors. The lead roadway Quality Control reviewer, Cary Bourgeois, PE has 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.

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

Other Services

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

Road Design Services during the Environmental Process

GEC will develop engineering drawings and details, which illustrate proposed work with the purpose of obtaining required permit(s). 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. Once an alignment is chosen and the project is cleared environmentally, GEC and team will perform the services for the development of preliminary plans which includes the hydraulic analysis, traffic analysis and design, roadway design including geometric alignments for mainline and intersections, existing and proposed right-of-way taking lines, transportation management plans, and cost estimates. These requirements are subject to the National Environmental Protection Act (NEPA). The environmental staff on the GEC Team have completed the NHI Course NEPA and the Transportation Decision-making Process and have served as the Project Manager on and authored numerous LADOTD NEPA documents including: EAs, EISs, categorical exclusions, FONSIs, and Section 4f Net Benefit Statements.

Construction Support

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

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 roadway design plans that will improve and define the state's transportation system for future generations. We are immediately ready and available to assist LADOTD.

19. Workload

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining unpaid balance**
G.E.C., Inc.	Planning	SP# 4400016958	Road Transfer Program Management, Statewide (Note: Unlikely to bill this entire amount)	1,688,247
G.E.C., Inc.	Planning	Contract #'s 4400006551, 4400006552 and 4400006553	Retainer Contracts for Comprehensive Strategic Advisory Related to Louisiana Transportation Authority (LTA) Participation In Public-Private Partnerships (PPP) (Sub to HNTB) (No Task Orders Issued)	N/A
G.E.C., Inc.		SP# H.004273.5	I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange) (Sub to Stantec)	
	Road		Geometrics	70,810
	Bridge		Bridge Study	71,333
	Environmental		Environmental	19,863
	ITS		ITS	19,447
	Other		Program Management ($107,009), Electrical ($301,419)	408,428
	Geotechnical		Geotechnical (Task Closed)	51,213
G.E.C., Inc.		S.P.# H.004100	I-10 Baton Rouge Widening CMAR Segment 1 (Sub to Huval)	
	Bridge		Bridge	205,112
	ITS		ITS	168,789
	Other		Project Management ($435,309), Retaining Walls ($211,202), Sound Walls ($128,334) & Electrical ($1,409,387)	2,184,232
G.E.C., Inc.		S.P.# H.013897	I-10 & I-12 College Drive Flyover Ramp Design-Build Project (Sub to Boh Bros.)	
	Road		Road	412,410
	Bridge		Bridge	174,700
	ITS		ITS	28,665
	Other		Project Management ($100,002), Sound Walls ($44,640) & Electrical ($16,335)	160,977
G.E.C., Inc.	Bridge	SP# H.008145.5	Leeville to Golden Meadow, Route LA 1 Relocated, Const. Engineering Services (Sub to HNTB)	233,102
G.E.C., Inc.		SP# H.003074.5	Williams Blvd – Veterans Blvd., Route I-10, Jefferson Parish, LA	
	Bridge		Bridge	148,795
	Other		Electrical	55,474

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining unpaid balance**
G.E.C., Inc.	Bridge	Contract # 4400010099	Retainer Contract for Off-System Complex Bridge Load Rating (Sub to Forte & Tablada)	
		TO# H.012485.1	Rating of Off-system Bridge Structures	19,056
		TO# H.092481.5	Off-System Load Testing and Evaluation	14,800
G.E.C., Inc.	ITS	Contract # 4400009327	Retainer for Intelligent Transportation Systems	
		TO# H.014512	Monroe Regional ITS Architecture Update (Note: Contract Expired. Remaining amounts will not be billed.)	44,245
		TO# H.012381.5-1	Fiber Optic Mapping and Management (Note: Contract Expired. Remaining amounts will not be billed.)	38,242
G.E.C., Inc.	Other	Contract # 4400011354	IDIQ Contract for Electrical Statewide	
	(Electrical)	TO# H.013442.6	I-10: Crowder Boulevard Interstate Lighting	47,379
		TO# H.013617.5	I-610E Interchange Lighting	38,918
		TO# H.014552.5	I-49: LA 31 Interchange Lighting (Opelousas) (Note: Survey T.O. Work performed by GOTECH.)	N/A
		TO# H.014553.5	I-49: LA 3233 Interchange Lighting (Opelousas) (Note: Survey T.O. Work performed by GOTECH.)	N/A
		TO# H.012469.5	US 190: BRB-Navigation Light Replacement	0
		TO# H.014556.5	I-49: US 190 Interchange Lighting (Opelousas) (Note: Survey T.O. Work performed by GOTECH.)	N/A
		TO# 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)	S.P. # H.004774.5 & H.007300.6	Kansas Lane - Garrett Road Connector and I-I-20 Improvements, Ouachita Parish (Sub to Lazenby & Associates, Inc.)	2,100
G.E.C., Inc.	CE&I/OV	Contract # 440013710	Retainer Contract for CE&I, Statewide with the Majority of Work in District 03	
		TO# H.003014.6	I-10 Widening and Reconstruction (LA 37 to ATCR BR.) St. Martin and Lafayette Parishes	40,623
		TO# H.010601.6	I-10 Widening and Reconstruction (LA 328 - LA 347)	305,776
G.E.C., Inc.	CE&I/OV	Contract # 4400023074	IDIQ for CE&I Services and Staff Augmentation, District 61	
		TO# H.010724.6	Pecan Island Road Over the Chenal, Pointe Coupee Parish	155,876
G.E.C., Inc.	CE&I/OV	S.P. # H.011670.6	I-10/Loyola Interchange Improvements, Jefferson Parish	0
G.E.C., Inc.	CE&I/OV	Contract No. 4400019950	IDIQ for CE&I, Statewide, with Majority of Work in District 03	
		TO# H.002735.6	Bayou Vermillion Bridge	91,813

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining unpaid balance**
		TO# H.003003.6	I-10: I-49 - LA 328	0
		TO# H.002151.6	Bayou Parc Perdue and Creek Bridges	146,782
		TO# H.010601.6	I-10 Widening and Reconstruction (LA 328 - LA 347)	101,498
G.E.C., Inc.	CE&I/OV	Contract # 440005410	Retainer Contract for CE&I w/Painting Inspection & Environmental Monitoring, Statewide (Sub to GPI)	
		TO# H.009479.6	W. Larose Vertical Lift Bridge Rehab., Route LA 1	0
G.E.C., Inc.	CE&I/OV	Contract # 440014315	Retainer Contract for Painting Inspection & Environmental Monitoring with CE&I, Statewide (Sub to GPI)	
		TO# H.003370.6	1-220/1-20 Interchange IMP & BAFB Access	102,598
		TO# H.010000.6	US 1 71 : Calcasieu River Bridge Repairs	195,107
G.E.C., Inc.	CE&I/OV	Contract # 4400017329	Retainer Contracts for Innovative Procurement and Alternative Delivery Support Services (Sub to HNTB Corporation) (No Task Orders Issued)	N/A

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

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

19. Workload

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining unpaid balance**
Vectura Consulting Services, LLC	Traffic	H.010616	I-20: LA 544 Overpass Replacement	4,959
Vectura Consulting Services, LLC	Traffic	H.005168.2	New Orleans Rail Gateway Jefferson Highway EA	52,436
Vectura Consulting Services, LLC	Traffic	H.005168.2	New Orleans Rail Gateway Avondale EA	209,504
Vectura Consulting Services, LLC	CE&I	H.007160	EBR Computerized Traffic Signal, Ph VB	58,309
Vectura Consulting Services, LLC	Traffic	H.004791	Belle Chasse Bridge & Tunnel Replacement PPP	21,999
Vectura Consulting Services, LLC	Traffic	H.012030.5	KCS RR Overpasses HBI	28,026

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

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

19. Workload

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining unpaid balance**
NTB Associates, Inc.	Survey	4400019338	Contract for Rural Bridge Replacement Initiative Phase II, Districts 05, 08, 58 (Sub to Sigma)	$6,032
NTB Associates, Inc.	Survey	4400019337	Contract for Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (Sub to BKI)	$442,696
NTB Associates, Inc.	Survey	4400017713	IDIQ Contract for Professional Surveying Services – Task Order No. 5 – Monkhouse to I-49, Caddo Parish	$1,220,254
NTB Associates, Inc.	Survey	4400017713	IDIQ Contract for Professional Surveying Services – Task Order No. 6 – I-10 Additional Topographic Surveys	$8,276
NTB Associates, Inc.	Survey	4400019715	IDIQ Contract for Hydrographic Surveying Services – Task Order No. 4 – Summer Bridges	$66,205
NTB Associates, Inc.	Other	4400014660	IDIQ Contract for Subsurface Utility Engineering (SUE) Services – Task Order No. 2 – I:10 LA to Essen Additional SUE Services	$4,672

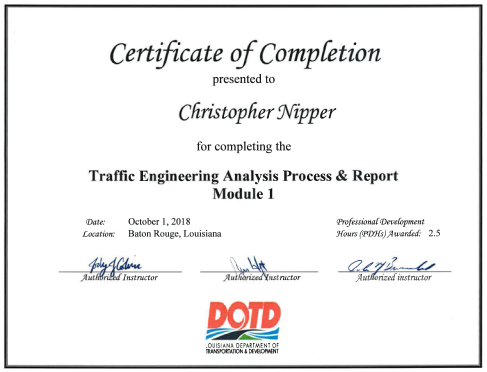
* The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other. If a firm has more than one past performance evaluation discipline for any single project, the firm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

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

20. Certifications/Licenses

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

Christopher Nipper



Certificate of Completion

presented to

Christopher Nipper

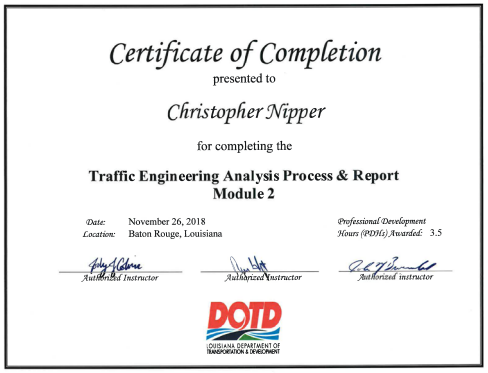
for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: October 1, 2018
Location: Baton Rouge, Louisiana
Professional Development Hours (PDHs) Awarded: 2.5

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Christopher Nipper

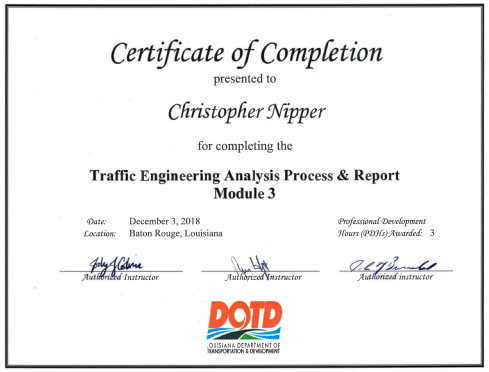
for completing the

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

Christopher Nipper

for completing the

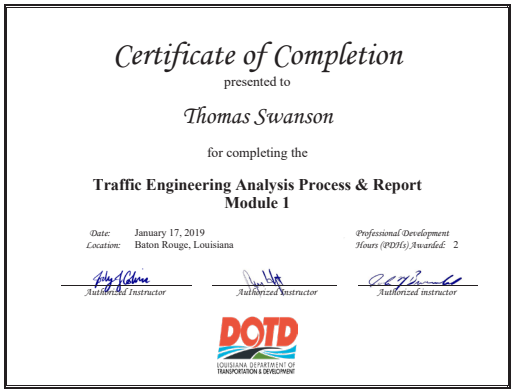
Traffic Engineering Analysis Process & Report
Module 3

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

Thomas Swanson



Certificate of Completion

presented to

Thomas Swanson

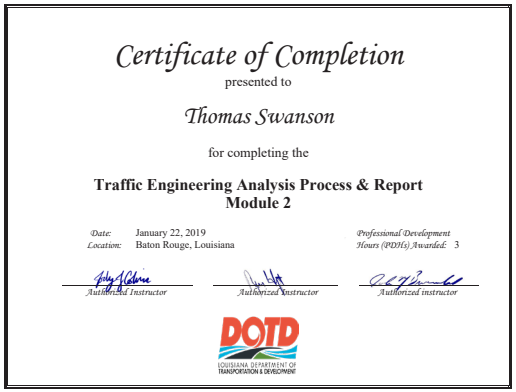
for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: January 17, 2019
Location: Baton Rouge, Louisiana
Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Thomas Swanson

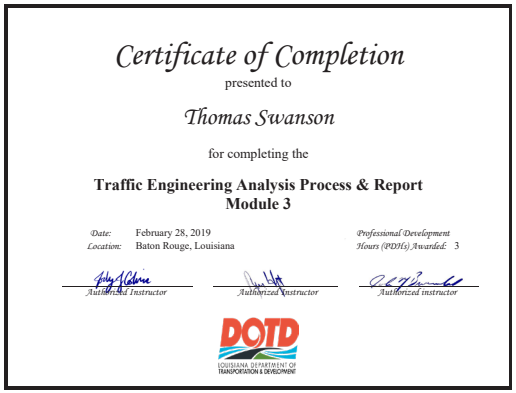
for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: January 22, 2019
Location: Baton Rouge, Louisiana
Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Thomas Swanson

for completing the

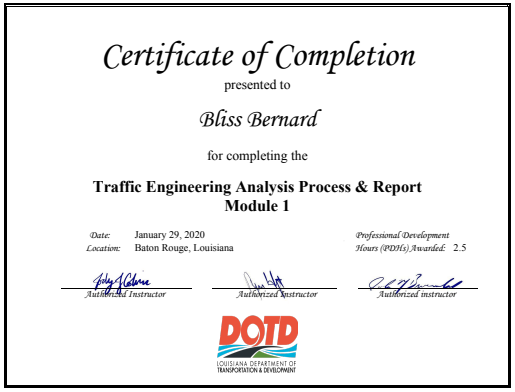
Traffic Engineering Analysis Process & Report
Module 3

Date: February 28, 2019
Location: Baton Rouge, Louisiana
Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Bliss Bernard



Certificate of Completion

presented to

Bliss Bernard

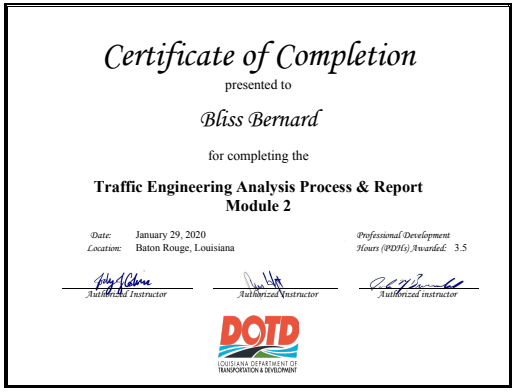
for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: January 29, 2020
Location: Baton Rouge, Louisiana
Professional Development Hours (PDHs) Awarded: 2.5

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Bliss Bernard

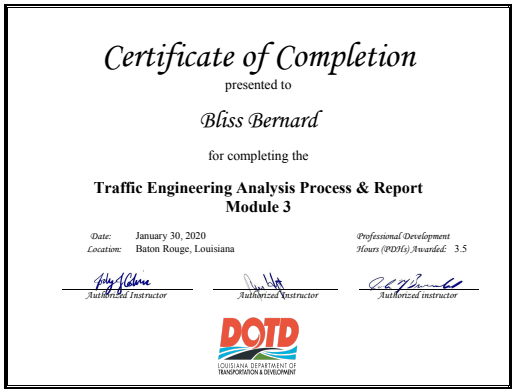
for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: January 29, 2020
Location: Baton Rouge, Louisiana
Professional Development Hours (PDHs) 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 (PDHs) Awarded: 3.5

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Sheelagh “Brin” Ferlito

Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

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 *Professional Development Hours (PDHs) Awarded:* 4
Location: Baton Rouge, Louisiana

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 *Professional Development Hours (PDHs) Awarded:* 3
Location: Baton Rouge, Louisiana

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ATSSA
SAFER ROADS SAVE LIVES

Dear Certified Flagger:

Enclosed, please find your card signifying you as a Certified ATSSA Flagger. This card should be carried and presented to employers while performing work on our roadways. Please be aware that the card is not valid without a Photo I.D.

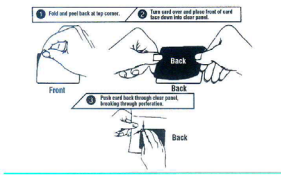
American Traffic Safety Services Association (ATSSA) commends you on your decision to become an ATSSA Certified Flagger. This distinction reflects that you have been trained by the "Leader in Roadway Safety" and also entitles you to be listed on our National Flagger Database. Please review your state requirements for expiration of your flagger card. Also, please inform us of any changes in name or address so we may keep our records up to date.

Once again, ATSSA thanks you for your dedication to ensuring that our work zones are safe and that lives will be saved with proper training. Please visit our website at www.atssa.com for additional training courses or for any of our products created for use in a work zone.

Sincerely,

Director of Training

Laminating the front of your card with Dual Laminate:



American Traffic Safety Services Association
15 Riverside Parkway, Suite 100 • Fredericksburg, VA 22406-1077
Office: 540-368-1701 • Toll-Free: 800-272-8772 • Fax: 540-368-1717
www.atssa.com

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.

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 *Professional Development Hours (PDHs) Awarded:* 2
Location: Baton Rouge, Louisiana

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 *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

Laurence Lambert

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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

ATSSA
SAFER ROADS SAVE LIVES

AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION

SLOW

This is to affirm that

LAURENCE LAMBERT

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Expiration Date 7/25/2022 *State Issued in* LA

Instructor Signature

Verification available by calling 1-877-[illegible]4637 or at http://www.flagger.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 (PDH's) 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 (PDH's) 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 (PDH's) Awarded:* 3
Location: Baton Rouge, Louisiana

Authorized Instructor Authorized Instructor Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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**

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

Reece Rodrigue

Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: November 5, 2018 *Professional Development*
Location: Baton Rouge, Louisiana *Hours (PDH's) 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 *Professional Development*
Location: Baton Rouge, Louisiana *Hours (PDH's) 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 *Professional Development*
Location: Baton Rouge, Louisiana *Hours (PDH's) Awarded:* 3

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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 Gahagan

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

Date: July 30, 2018
Location: Baton Rouge, Louisiana
Professional Development Hours (PDH's) Awarded: 2.5

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
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
Kristen Gahagan
for completing the
Traffic Engineering Analysis Process & Report
Module 3

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

Authorized Instructor *Authorized Instructor* *Authorized Instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

ATSSA
SAFER ROADS SAVE LIVES

Dear Certified Flagger:

Enclosed, please find your card signifying you as an ATSSA Certified Flagger. This card should be carried and presented to employers while performing work on our nation's roadways. Please be aware that the card is not valid without a Photo I.D.

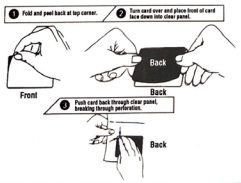
We commend you on your decision to become an ATSSA Certified Flagger. This distinction reflects that you have been trained by the leader in roadway safety and also entitles you to be listed on our National Flagger Database. Please review your state requirements for expiration of your flagger card. Also, please inform us of any errors or changes in your name or address so we may keep our records up to date.

Once again, ATSSA thanks you for your dedication to ensuring that our work zones are safe and that lives will be saved with proper training. Please visit our website at www.atssa.com for additional training courses and work zone safety products.

Sincerely,

Director of Training

Laminating the front of your card with Dual Laminate:



American Traffic Safety Services Association
15 Riverside Parkway, Suite 100 • Fredericksburg, VA 22406-1077
Office: 540-368-1701 • Toll-Free: 800-272-8772 • Fax: 540-368-1717
www.atssa.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

Vectura DBE

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

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
NTB Associates, Inc.	Corporate Headquarters: 525 Louisiana Ave., Shreveport, LA 71101 Branch Office: 8643 Main St., Zachary, LA 70791	Bryan T. Bunch, PLS bbunch@ntbainc.com	(225) 751-4002

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.

WWW.GECINC.COM