

Statement of Qualifications

RESOLUTION NO. 144319

ROUTINE ENGINEERING SERVICES FOR STREETS PROJECTS

Presented to: Jefferson Parish Government



July 16, 2024





July 16, 2024

Jefferson Parish Council
General Government Building
200 Derbigny Street, Suite 4400
Gretna, LA 70053
Submitted electronically

**RE: REQUEST FOR QUALIFICATIONS TO PROVIDE ROUTINE ENGINEERING SERVICES FOR
STREETS PROJECTS IN JEFFERSON PARISH (RESOLUTION NO. 144319)**

Dear Consultant Selection Committee,

G.E.C., Inc. (GEC) is pleased to present our proposal in response to Jefferson Parish's request for qualifications for the referenced services. Our proposal is compliant with the RFQ instructions and demonstrates our ability to successfully deliver professional services. GEC (EF.0001917) is licensed to perform and complete professional services in the State of Louisiana through the Louisiana Professional Engineering and Land Surveying Board.

COMPANY HISTORY

Established in 1986, GEC has more than 130 employees and a long history of experience with similar projects. GEC offers comprehensive, multidisciplinary project planning, design, and implementation services for public and private clients nationwide. The diverse resources of the company include design and construction engineering, economic analysis, environmental and ecological sciences, and GIS applications. We commit to producing high quality planning and design documents on time and within budget in keeping with the special needs of our clients so they can meet their objectives in a timely and efficient manner. Many of the GEC personnel assigned to this contract have more than 10 years of experience providing similar services.

GEC is committed to providing responsive engineering and technical solutions for our clients. As the proposed Professional-in-Charge for this assignment, I will work to provide innovative, safe, environmentally responsible, and transparent professional services. We appreciate the opportunity to present our qualifications to Jefferson Parish for this as-needed contract.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Many Heymann', written in a cursive style.

Many Heymann, PE
Vice President, G.E.C., Inc

TEC PROFESSIONAL SERVICES QUESTIONNAIRE

A. PROJECT NAME AND ADVERTISEMENT RESOLUTION NUMBER:

Routine Engineering Services for Streets Projects in Jefferson Parish
(Resolution No. 144319 | SOQ 24-021)

B. FIRM NAME & ADDRESS WHERE PROJECT WORK WILL BE PERFORMED:

G.E.C., Inc. (GEC)
3501 N. Causeway Blvd., Suite 210
Metairie, Louisiana 70002

C. NAME, TITLE AND CONTACT INFORMATION OF PRINCIPAL, AS DEFINED IN SECTION 2-926 OF THE JEFFERSON PARISH CODE OF ORDINANCES, WHO IS A REGISTERED, LICENSED ARCHITECT, PROFESSIONAL ENGINEER, OR SURVEYOR IN THE STATE OF LOUISIANA:

Sherri LeBas, PE, Senior Vice President
P. (225) 612-3000 E. slebas@gecinc.com
Louisiana Licensed Professional Civil Engineer No. 23844 (1990)

D. NAME AND CONTACT INFORMATION OF EMPLOYEE WHO IS A REGISTERED AND LICENSED ARCHITECT, PROFESSIONAL ENGINEER, OR SURVEYOR IN THE STATE OF LOUISIANA IN THE APPLICABLE DISCIPLINE. A SUBCONTRACTOR MAY BE SUBSTITUTED HERE ONLY IF THE ADVERTISED PROJECT REQUIRES MORE THAN ONE DISCIPLINE.

Many Heymann, PE, Vice President
P. (504) 838-6009 E. mheyman@gecinc.com
Louisiana Licensed Professional Civil Engineer No. 35554 (2010)

E. PLEASE PROVIDE THE NUMBER OF EMPLOYEES WHOSE PRIMARY FUNCTION CORRESPONDS WITH EACH CATEGORY:

9	Administrative	**	Estimators	***	Specification Writers
0	Architects (Licensed)	1	Geologists	6	Structural Engineers
0	Chemical Engineers	0	Geotechnical Engineers	2	Graduate Engineers
24*	Civil Engineers	0	Interior Designers	2	Project Managers
26	Construction Inspectors	0	Landscape Architects	0	Clerical
7**	Ecologists	0	Land Surveyor	0	Grant/Funding Specialist
5	Electrical Engineers	1	Mechanical Engineers	****	Sanitary Engineers
7	Engineer Intern	4	Environmental Engineers	39	Other
0	Professional Land Surveyors	0	Urban Planner	133	TOTAL

*Coastal, Transportation and Hydrologist included in Civil Engineers

**Senior Technical Personnel prepare Cost Estimates

***Senior Technical Personnel prepare Specifications

****Sanitary Engineers included in Environmental Engineers

F. IS THIS SUBMITTAL BY A JOINT-VENTURE? PLEASE CHECK: YES _____ NO ☒

IF MARKED "NO" SKIP TO SECTION I. IF MARKED "YES" COMPLETE SECTIONS G-H.

TEC PROFESSIONAL SERVICES QUESTIONNAIRE

G. IF SUBMITTAL IS BY JOINT-VENTURE, LIST THE FIRMS PARTICIPATING AND OUTLINE SPECIFIC AREAS OF RESPONSIBILITY (INCLUDING ADMINISTRATIVE, TECHNICAL, AND FINANCIAL) FOR EACH FIRM. PLEASE ATTACH ADDITIONAL PAGES IF NECESSARY.

1.
N/A

2.

H. HAS THIS JOINT-VENTURE PREVIOUSLY WORKED TOGETHER? PLEASE CHECK:

YES _____ NO _____

I. LIST ALL SUBCONTRACTORS ANTICIPATED FOR THIS PROJECT. PLEASE NOTE THAT ALL SUBCONTRACTORS MUST SUBMIT A FULLY COMPLETED COPY OF THIS QUESTIONNAIRE, APPLICABLE LICENSES, AND ANY OTHER INFORMATION REQUIRED BY THE ADVERTISEMENT. SEE JEFFERSON PARISH CODE OF ORDINANCES, SEC. 2-928(A)(3). PLEASE ATTACH ADDITIONAL PAGES IF NECESSARY.

NAME & ADDRESS	SPECIALTY	WORKED WITH FIRM BEFORE (YES OR NO):
N/A		

J. PLEASE SPECIFY THE TOTAL NUMBER OF SUPPORT PERSONNEL THAT MAY ASSIST IN THE COMPLETION OF THIS PROJECT:

9 (additional individuals available to be assigned as needed)

TEC PROFESSIONAL SERVICES QUESTIONNAIRE

K. LIST THE PROFESSIONAL IN CHARGE, KEY PERSONS, SPECIALISTS, AND INDIVIDUAL CONSULTANTS ANTICIPATED FOR THIS PROJECT AND PROVIDE THEIR RELEVANT INFORMATION BELOW. IF NECESSARY, PLEASE ATTACH ADDITIONAL DOCUMENTATION (I.E. RESUME) THAT DEMONSTRATES THE EMPLOYMENT HISTORY AND EXPERIENCE OF THE FIRM'S KEY PERSONS THAT MAY ASSIST IN THE COMPLETION OF THIS PROJECT. PLEASE ATTACH ADDITIONAL PAGES IF NECESSARY.

PROFESSIONAL IN CHARGE OF PROJECT:

NAME & TITLE:

MANY HEYMANN, PE, Vice President of Operations

PROJECT ASSIGNMENT:

Professional-in-Charge

NAME OF FIRM WITH WHICH ASSOCIATED:

G.E.C., INC.

YEARS' EXPERIENCE WITH THIS FIRM:

1 (21 total)

EDUCATION: DEGREE(S)/YEAR/SPECIALIZATION:

B.S. / 2002 / Chemical Engineering

ACTIVE REGISTRATION: YEAR FIRST REGISTERED/DISCIPLINE:

2010 / Licensed Professional Civil and Environmental Engineer No. 35554

OTHER EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED PROJECT:

Mr. Heymann has been a Civil Engineer for over 20 years and is responsible for the design and oversight of water distribution projects, roadway projects, drainage projects, sewer system projects, and construction projects. His experience includes the development of cost estimates, quantity calculations, drainage design, geometric design, erosion control, maintenance-of-traffic, grading plans, preparation of construction documents, and construction management.

RELEVANT PROJECT EXPERIENCE

H.010673 / US90Z, HARVEY CANAL TUNNEL REHABILITATION: Jefferson Parish, Louisiana. Project Engineer - Mr. Heymann oversees engineering and inspection services (CE&I) staff for the Harvey Canal Tunnel Rehabilitation Project. (06/23-Present)

LITTLE FARMS, JEFFERSON PARISH: River Ridge, LA. Project Principal - Mr. Heymann provided project oversight and review for the rehabilitation of the roadway for Little Farms Ave. (Russell Street - Jefferson Highway). The project scope of work included conducting topographic and boundary surveys, developing preliminary design

plans, final plans and specifications, and bid documents reconstruction of damaged roadways, curbs, and driveways. Responsibilities also included coordinating with utility owners and providing construction administration services. (2018-2023)

IRIS AVENUE WATERLINE REPLACEMENT FROM RIVER ROAD TO JEFFERSON HIGHWAY: Jefferson Parish, LA. Project Manager – Mr. Heymann was Project Manager for design services for the replacement of 3,500 feet of 12" PVC-C-900 waterline and associated street repairs. The project also includes resident inspection services and is expected to be under construction in the fall of 2013.

BOURBON STREET REHABILITATION (PHASES 1 AND 2), CITY OF NEW ORLEANS: New Orleans, LA. Project Director - Mr. Heymann provided design services and oversight for the repair and rehabilitation of eight (8) blocks of Bourbon Street including underground infrastructure from Canal Street to Dumaine St. Scope of work included coordinating and sequencing construction after engaging the City of New Orleans, Department of Public Works, Sewerage and Water Board of New Orleans, Entergy,



TEC PROFESSIONAL SERVICES QUESTIONNAIRE

NAME & TITLE:

MANY HEYMANN, PE, *Continued Resume*

OTHER EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED PROJECT:

AT&T and Cox. Because many of the existing utilities are well over 100 years old, the work for this project included upsizing the existing storm water collection system, replacing the existing water lines, repairing the existing sewer lines, replacing, and improving the existing low-pressure gas lines, replacing the existing underground electrical conduits, and replacing the existing roadway pavement, brick sidewalks and granite curbs. (2017-2021)

ST. ANN STREET REHABILITATION (BOURBON STREET TO DAUPHINE STREET), CITY OF NEW ORLEANS: New Orleans, LA. Project Director and Responsible Charge Engineer - Mr. Heymann provided project management and plan development services for the full reconstruction of St. Ann Street surface and subsurface infrastructure from Bourbon Street to Dauphine Street. The project required close coordination for an accelerated design as a result of the existing sewer system being in poor condition causing large subsurface voids beneath the existing roadway. The sequence of construction was also developed while engaging the City of New Orleans, Department of Public Works, the Sewerage and Water Board of New Orleans, AT&T, Entergy Gas and Electric, residents, business owners, utilities, and contractors. (2019-2021)

OLD SPANISH TRAIL (NOTTINGHAM DR. TO SHERWOOD DR.), CITY OF NEW ORLEANS: New Orleans, LA. Engineer - Mr. Heymann was responsible for the provided plan services for the reconstruction of Old Spanish Trail (Nottingham Dr. to Sherwood Dr.) surface and subsurface infrastructure from Nottingham Drive to Sherwood Drive. Scope of work also included bidding, construction administration and resident inspection. (2012-2022)

MILNEBURG (GROUP A), RR130, CITY OF NEW ORLEANS: New Orleans, LA. Engineer - Mr. Heymann was responsible for the design and surveying services for FEMA-eligible street repairs at the Milneburg neighborhood. Field surveys were conducted to identify locations and extents of damage that has occurred as a

result of Hurricane Katrina and related cleanup operations. Data was provided detailing features to be reconstructed in order to obtain FEMA funds. The project scope of work includes conducting topographic and boundary surveys, developing preliminary design plans, final plans and specifications, and bid documents for use in the reconstruction of damaged roadways, curbs, utilities, and driveways. Responsibilities included coordinating with utility owners and providing construction administration services. (2017-2023)

LAKE TERRACE AND LAKE OAKS (GROUP A), RR069 (PCI) CITY OF NEW ORLEANS: New Orleans, LA. Engineer – Mr. Heymann was responsible for providing design and surveying services for FEMA-eligible street repairs in the Lake Terrace and Lake Oaks neighborhoods. Field surveys were conducted to identify locations and extents of damage that has occurred as a result of Hurricane Katrina and related cleanup operations. Data was provided detailing features to be reconstructed in order to obtain FEMA funds. The project scope of work includes conducting topographic and boundary surveys, developing preliminary design plans, final plans and specifications, and bid documents for use in the reconstruction of damaged roadways, curbs, utilities, and driveways. Responsibilities included coordinating with utility owners and providing construction administration services. (2017-2019)

LAKE TERRACE AND LAKE OAKS (GROUP B), RR070, CITY OF NEW ORLEANS: New Orleans, LA. Project Principal – Mr. Heymann oversaw the design and surveying services for FEMA-eligible street rehabilitation in the Lake Terrace neighborhood. The project scope of work includes conducting topographic and boundary surveys, developing preliminary design plans, final plans and specifications, and bid documents for the full reconstruction of all subsurface utilities located in nine (9) neighborhood blocks. (2020-2023)

TEC PROFESSIONAL SERVICES QUESTIONNAIRE

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

NAME & TITLE:

ELIZABETH GUIZA, PE, Sr Manager of Engineering GNO

PROJECT ASSIGNMENT:

Civil Engineer

NAME OF FIRM WITH WHICH ASSOCIATED:

G.E.C., INC.

YEARS' EXPERIENCE WITH THIS FIRM:

1 (13 total)

EDUCATION: DEGREE(S)/YEAR/SPECIALIZATION:

B.S. / 2010 / Civil Engineering

ACTIVE REGISTRATION: YEAR FIRST REGISTERED/DISCIPLINE:

2015 / Louisiana Licensed Professional Civil Engineer No. 39531

OTHER EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED PROJECT:

Ms. Guiza provides engineering support for a range of projects including water systems, sewer systems, civil/site developments, tunnel inspection, tunnel rehabilitation, gravity stormwater systems, and roadway construction. Ms. Guiza is experienced in the development of cost estimates, quantity calculations, drainage design, retention pond design, stormwater management plans, geometric design, erosion control, canal bank stabilization, maintenance-of-traffic, preparation of specifications, and construction management

RELEVANT PROJECT EXPERIENCE

H.010673 / US90Z, HARVEY CANAL TUNNEL REHABILITATION: Jefferson Parish, Louisiana. Project Engineer - Ms. Guiza serves as Project Engineer responsible for the engineering and inspection services (CE&I) of the Harvey Canal Tunnel Rehabilitation Project. She manages inspection staff working to oversee the contractor's construction operations to ensure that all work is performed in accordance with the plans and specifications and using approved materials. For unforeseen conditions which may require field engineering, Ms. Guiza provides design services. (06/23-Present)

BOURBON STREET REHABILITATION, CITY OF NEW ORLEANS: New Orleans, LA. Engineer - Because many of

the existing utilities are well over 100 years old, the work for this project included upsizing the existing drain lines, replacing the existing water lines, repairing the existing sewer lines, replacing, and improving the existing low-pressure gas lines, replacing the existing underground electrical conduits, and replacing the existing pavement

FEMA STREET REPAIRS AT MILNEBURG, CITY OF NEW ORLEANS: New Orleans, LA. Project Engineer - Engineer for professional engineering design and surveying services for FEMA-eligible street repairs. The project scopes of work included conducting topographic and boundary surveys, developing preliminary design plans, final plans and specifications, and bid documents for use in the reconstruction of damaged roadways, curbs, drainage, utilities, and driveways for approximately 18 linear miles of roadways. Ms. Guiza conducted detailed field assessments to identify locations and extents of damage that has occurred as a result of Hurricane Katrina. Ms. Guiza was responsible for compiling and organizing the data to present to our client along with recommendations for repair and reconstruction in order to obtain FEMA funds. Additional responsibilities include engineering design for all civil aspects including pavement design, coordination with utility owners, opinion of probable



TEC PROFESSIONAL SERVICES QUESTIONNAIRE

NAME & TITLE:

ELIZABETH GUIZA, PE, *Continued Resume*

OTHER EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED PROJECT:

cost and providing construction administration services. (2017-2023)

FEMA STREET REPAIRS AT LAKE TERRACE AND LAKE OAKS NEIGHBORHOODS, CITY OF NEW ORLEANS: New Orleans, LA. Engineer Intern – Ms. Guiza was an Intern for professional engineering design and surveying services for FEMA-eligible street repairs. The project scopes of work include conducting topographic and boundary surveys, developing preliminary design plans, final plans and specifications, and bid documents for use in the reconstruction of damaged roadways, curbs, drainage, utilities, and driveways for approximately 8 linear miles of roadways. Ms. Guiza conducted detailed field assessments to identify locations and extents of damage that has occurred as a result of Hurricane Katrina. Ms. Guiza was responsible for compiling and organizing the data to present to our client along with recommendations for repair and reconstruction in order to obtain FEMA funds. Additional responsibilities included engineering design for all civil aspects including pavement design, coordination with utility owners, opinion of probable cost and providing construction administration services. (2017-2019)

VETERANS MEMORIAL BOULEVARD WIDENING, LADOTD 742-26-0079: Kenner, LA. Engineer Intern - The project scope included design services to prepare plans and specifications for the widening of a two lane roadway to a four lane divided roadway. During preliminary design the widening was found to be not feasible. As a result, Veterans Boulevard became an improvement project; including mill and overlay of the existing roadway, reconstructed turnouts, waterline relocation and the replacement of a 20' x 28' bridge over Canal No. 17. The project included horizontal site layout, pavement design, waterline relocation design, and the design of signage, striping, detour and traffic control plans per MUTCD standards. (2012-2015)

LA 23 / RIVER ROAD INTERSECTION IMPROVEMENTS: Plaquemines Parish, Port Sulphur, LA. Project Manager

- The project scope included topographic survey, geotechnical survey, preliminary design plans, final plans and specifications, bid documents, and construction administration for a new asphalt roadway segment of River Rd., a welcome monument, 60' flag pole, associated lighting and landscaping. Ms. Guiza's responsibilities include project management and engineering design for all civil aspects including horizontal layout of the site, site grading, drainage design, pavement design, cost estimate, required LADOTD and UASCE permitting, signage, striping and utility relocation. (2014-2016)

BAYOU ST. JOHN (PARK ISLAND) BRIDGE, LADOTD - 713-36-0100, FAP NO. 0200S(391)M: Orleans Parish, LA. Engineering Intern - Project involved Construction Engineering & Inspection services for this Off-System Bridge, which is a 3 slab span bridge with approach roadways, landscaping, water service, sanitary sewer and related work. This project included the jack and bore of a gravity sewer pipe under Bayou St. John. (2010-2011)

NEW ORLEANS SEWERAGE AND WATER BOARD - FEMA WATERLINE REHABILITATION AT ST. ANTHONY AND DILLARD NEIGHBORHOODS: New Orleans, LA. Project Engineer - The project scope includes developing preliminary design plans, final plans and specifications, bid documents, and construction administration for the design of 30,000LF of waterlines in New Orleans. Ms. Guiza's responsibilities included horizontal and vertical layout of waterlines, providing an opinion of probable cost and construction administration.

IRIS AVENUE WATERLINE REPLACEMENT FROM RIVER ROAD TO JEFFERSON HIGHWAY, JEFFERSON PARISH: Jefferson Parish, LA. Engineering Intern - Project involved design services for the replacement of 3,500 feet of 12" PVC-C-900 waterline and associated street repairs. Ms. Guiza's responsibilities included horizontal and vertical layout of waterlines, providing an opinion of probable and construction administration.

TEC PROFESSIONAL SERVICES QUESTIONNAIRE

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

NAME & TITLE:

JEROME LOHMANN, PE, Roadway Engineer

PROJECT ASSIGNMENT:

Civil Engineer

NAME OF FIRM WITH WHICH ASSOCIATED:

G.E.C., INC.

YEARS' EXPERIENCE WITH THIS FIRM:

8 (40 total)

EDUCATION: DEGREE(S)/YEAR/SPECIALIZATION:

B.S. / 1981 / Civil Engineering

ACTIVE REGISTRATION: YEAR FIRST REGISTERED/DISCIPLINE:

1992 / Louisiana Licensed Professional Civil Engineer No. 24673

OTHER EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED PROJECT:

Mr. Lohmann has over 40 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.

RELEVANT PROJECT EXPERIENCE

POWER BLVD. MEDIAN IMPROVEMENTS: Kenner, LA. Project Manager - This project included a shared-use path beginning at W. Esplanade Avenue and ending at Vintage Drive. A 12'-wide concrete shared use path replaced a 6'-wide 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 features 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. Lohmann's responsibilities as Project Manager included completion of preliminary plans for the shared use path including QA/QC of horizontal and vertical geometry, typical sections, construction phasing, signing and striping and estimated quantities. In February 2019, GEC received an amendment to the contract to revise the preliminary plans. Final Plans were submitted in December of 2022 and the project is currently scheduled for letting in June 2023. (2015-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



TEC PROFESSIONAL SERVICES QUESTIONNAIRE

NAME & TITLE:

JEROME LOHMANN, PE, *Continued Resume*

OTHER EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED PROJECT:

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. (09/20-Present) (City-Parish Project No. 19-CPHC-0034)

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. (12/21-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. (09/2019-07/24)

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. (04/19-12/21) (Bridge Recall No(s). 800541 and 800561; City Parish Project No. 18-BRUS-0016)

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. (11/18-02/21)

METAIRIE ROAD DRAINAGE EVALUATION (CAUSEWAY BLVD. TO FOCIS ST.): Jefferson Parish, LA. Project Manager - Mr. Lohmann managed this project, which included an examination of the existing drainage system and recommending improvements to reduce flooding. He oversaw development of preliminary drainage assessments, SWMM modeling, selecting alternatives, modeling and assessing selected alternatives, and preparing a final report. (01/19-09/19)

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. (09/17-12/18)

US 11 IMPROVEMENTS AT SCHNEIDER CANAL: St. Tammany Parish, LA. Project Manager: Mr. Lohmann designed approximately 2,700' of divided two lane and multi lane roadway to raise the roadway over the levee on Schneider Canal. (2016)

TEC PROFESSIONAL SERVICES QUESTIONNAIRE

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

NAME & TITLE:

CHRIS NIPPER, PE, Road Design Engineer

PROJECT ASSIGNMENT:

Road Design

NAME OF FIRM WITH WHICH ASSOCIATED:

G.E.C., INC.

YEARS' EXPERIENCE WITH THIS FIRM:

7 (9 total)

EDUCATION: DEGREE(S)/YEAR/SPECIALIZATION:

B.S. / 2014 / Civil Engineering

ACTIVE REGISTRATION: YEAR FIRST REGISTERED/DISCIPLINE:

2019 / Louisiana Licensed Professional Civil Engineer No. 43281

OTHER EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED PROJECT:

Mr. Nipper has 9 years of experience with civil design projects, including roadway widening and realignment, including those requiring drainage systems. In addition, he has designed projects requiring milling and overlay. He has experience performing hydraulic analyses and preparing associated hydraulics reports for bridge and roadway design projects. Prior to joining GEC, Mr. Nipper worked with LADOTD for over two years, affording him knowledge of their standards and guidelines required for roadway projects. He is also very familiar with AASHTO standards and guidelines.

RELEVANT PROJECT EXPERIENCE

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. (09/20-Present) (City-Parish Project No. 19-CP-HC-0034)



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. (09/19-07/24)

SHARP RD.: St. Tammany Parish, LA. Road Design Engineer – This project involved the design of subsurface drainage systems, and the replacement of existing cross drains. The existing cross drains were analyzed and upgraded accordingly to handle the 50-year design storm in that region. The project also involved the reconstruction of the roadway and roadside ditches, while staying within the existing right-of-way, and the construction of a pedestrian

TEC PROFESSIONAL SERVICES QUESTIONNAIRE

NAME & TITLE:

CHRIS NIPPER, PE, *Continued Resume*

OTHER EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED PROJECT:

walkway. Mr. Nipper was responsible for the entire design for the project, including delineating drainage areas for multiple cross drains, and many subsurface systems, and determining the sizes and placement for these new drainage structures. Mr. Nipper developed the construction plans for the project, and also calculated the quantities required for construction. (06/22-Present)

I-10 SERVICE ROAD BRIDGE REPLACEMENTS: Slidell, LA. Road Design Engineer - The project included the replacement of two (2) 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 construction costs for the project. (02/19-05/19)

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 horizontal and vertical alignment and a hydraulic analysis. (04/19-05/20) (LADOTD S.P. No. H.013542) (City Parish Project No. 18-BR-US-0016)

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. (06/20-10/20)

I-10 WIDENING, WILLIAMS BLVD. TO VETERANS BLVD.: Jefferson Parish, LA. Engineer - This project included 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 the bridge bents and girders. (06/17-05/19) (H.003074)

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. (09/19-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. (2016-Present)

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. (2018)

TEC PROFESSIONAL SERVICES QUESTIONNAIRE

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

NAME & TITLE:

TOM SWANSON, PE, PTOE, ITS Section Manager

PROJECT ASSIGNMENT:

Traffic Engineer

NAME OF FIRM WITH WHICH ASSOCIATED:

G.E.C., INC.

YEARS' EXPERIENCE WITH THIS FIRM:

17 (27 total)

EDUCATION: DEGREE(S)/YEAR/SPECIALIZATION:

B.S. / 1992 / Civil Engineering

ACTIVE REGISTRATION: YEAR FIRST REGISTERED/DISCIPLINE:

2002 / Louisiana Licensed Professional Civil Engineer No. 30139

2006 / Professional Traffic Operations Engineer (PTOE), License No. 1016

OTHER EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED PROJECT:

Mr. Swanson 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. He has been a QA reviewer for Stage 3 Design services for Roadway Lighting projects and has over 10 years' experience working on these projects, especially in preparing transportation management plans and reviewing the Final Design. He has also served as project manager on a variety of ITS maintenance and design contracts for LADOTD.

RELEVANT PROJECT EXPERIENCE

PALMISANO BLVD. IMPROVEMENTS: Chalmette, LA. Traffic Engineer - GEC was tasked with upgrading the drainage system for a multi-use path from Karen Drive to St. Bernard Highway. Mr. Swanson developed the permanent striping/signing plan. (2016)



FLEUR DE LIS BLVD IMPROVEMENTS: New Orleans, LA. Traffic Engineer - Mr. Swanson performed a Highway Safety Analysis and designed the striping and signage for the roadway, which included crosswalks and roadside parking. (2018)

CHEVELLE DRIVE AND SARASOTA DRIVE BRIDGE REPLACEMENTS: East Baton Rouge Parish, LA. Traffic Engineer - Mr. Swanson provided traffic signing for the project. (04/19-12/21) (Bridge Recall No(s). 800541 and 800561; City Parish Project No. 18-BRUS-0016)

OC HALEY BLVD IMPROVEMENTS: New Orleans, LA. Traffic Engineer - Mr. Swanson designed the final striping and signing plan. The implementation of complete streets policy was an integral part of this project. (2018)

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. (09/19-07/24)

TEC PROFESSIONAL SERVICES QUESTIONNAIRE

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

NAME & TITLE:

MICKEY PRATTINI JR., PE, Electrical Section Manager

PROJECT ASSIGNMENT:

Electrical Engineer

NAME OF FIRM WITH WHICH ASSOCIATED:

G.E.C., INC.

YEARS' EXPERIENCE WITH THIS FIRM:

9 (20 total)

EDUCATION: DEGREE(S)/YEAR/SPECIALIZATION:

B.S. / 2004 / Electrical Engineering

ACTIVE REGISTRATION: YEAR FIRST REGISTERED/DISCIPLINE:

2011 / Louisiana Licensed Professional Electrical Engineer No. 35993

OTHER EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED PROJECT:

Mr. Prattini's more than 20 years of electrical design experience includes lighting, 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.

RELEVANT PROJECT EXPERIENCE

CLEARY & W. NAPOLEON LIFT STATION RENOVATION:

Jefferson Parish, LA. Electrical Engineer of Record- Mr. Prattini designed and developed the electrical plans and specifications for the upgrading of existing equipment to two 67 HP dry well pumps operating on variable frequency drives, SCADA interface, and controls. (2017)

LASAFE AIRLINE AND MAIN STREET COMPLETE

STREETS: St. John the Baptist Parish, LA. Electrical Engineer of Record - Mr. Prattini designed and supervised the electrical design of the roadway lighting system. This project involved the design and illumination of a sidewalk

along Airline Highway that will connect to Main Street. This sidewalk will accommodate pedestrians and bicyclists. Additional illumination is provided for the parking area of St. John Parish Utilities building, located at the intersection of Main Street and Airline Highway. (09/19-07/24)

RETAINER NO. 44-5267, H.003074.5 / WILLIAMS BLVD

- VETERANS BLVD., ROUTE I-10: Jefferson Parish, LA. Electrical Engineer of Record - Mr. Prattini is overseeing the photometrics, electrical calculations, and drawing development of the project, which includes a total length of 2 miles of widening and three interchanges, all of which will need revisions to the existing lighting systems as well as FAA coordination for the lighting design. (04/19-Present)

H.004100.5 / I-10, LA 415 TO ESSEN LANE ON I-10

AND I-12: West and East Baton Rouge Parishes, LA. Electrical Engineer of Record - Mr. Prattini completed an enhancement lighting study for Segment 1 of the project to incorporate aesthetic lighting at the City Park Lake Bridge and emphasize the Greenway path from the Expressway Park to the bridge. Though the project is currently in design, Mr. Prattini is currently overseeing and collaborating on the design of the enhancement, roadway, and walkway lighting. (09/20-Present)



TEC PROFESSIONAL SERVICES QUESTIONNAIRE

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

NAME & TITLE:

BRIAN BUCKEL, PE, Senior Vice President, Construction

PROJECT ASSIGNMENT:

Construction Administration

NAME OF FIRM WITH WHICH ASSOCIATED:

G.E.C., INC.

YEARS' EXPERIENCE WITH THIS FIRM:

11 (42 total)

EDUCATION: DEGREE(S)/YEAR/SPECIALIZATION:

B.S. / 1981 / Civil Engineering

ACTIVE REGISTRATION: YEAR FIRST REGISTERED/DISCIPLINE:

1985 / Louisiana Licensed Professional Civil Engineer No. 21816

OTHER EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED PROJECT:

Mr. Buckel joined GEC 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. Additionally, he served as district construction engineer for seven years, managing the seven parishes under District 02. Mr. Buckel served as an area engineer throughout the state of Louisiana for a seven years and was a project engineer in the New Orleans area for several years. As Chief Construction Engineer, he directed policy implementation, testing, and inspection of all asphalt pavement construction state wide. Building on his asphalt mix and laydown experience as project engineer and District Construction Engineer, he led the state into significant asphalt pavement innovations such as Superpave and warm mix. He has a working knowledge of major construction in urban areas, the constraints on operations, the control of traffic and public safety, the maintenance of traffic, and contract time with the CPM method used by LADOTD.

RELEVANT PROJECT EXPERIENCE

EAST BATON ROUGE CITY PARISH STREET AND ROAD REHABILITATION PROGRAM: 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 -6 inspectors certified by LADOTD in Asphaltic Concrete Paving, PCC Paving or Embankment and Base Course construction. (09/12-Present)

SUBMERGED ROADS PROGRAM: Jefferson Parish, LA. This project consists of design, construction administration and resident inspection of a Streets Improvement Program for specific projects located throughout Council Districts 1, 2, and 5 in Jefferson Parish. (2017)

007232 LAFAYETTE MPO NON STATE PAVEMENT MARKING: Lafayette Parish, LA. Project Engineer - Mr. Buckel served as the PE for the DOTD and City of Lafayette on this staff augmentation striping project parish wide. He oversaw the construction and contact administration of the City of Lafayette. (2016)

I-10 SERVICE ROAD BRIDGE REPLACEMENT: Slidell, LA. Construction Engineer - This project included the replacement of a concrete slab span bridge over French Branch Canal. Mr. Buckel oversaw the construction engineering and inspection for this project. (09/20-12/21)

TEC PROFESSIONAL SERVICES QUESTIONNAIRE

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

NAME & TITLE:

CARY BOURGEOIS, PE, Senior Vice President

PROJECT ASSIGNMENT:

QA/QC

NAME OF FIRM WITH WHICH ASSOCIATED:

G.E.C., INC.

YEARS' EXPERIENCE WITH THIS FIRM:

39 (39 total)

EDUCATION: DEGREE(S)/YEAR/SPECIALIZATION:

B.S. / 1983 / Civil Engineering

ACTIVE REGISTRATION: YEAR FIRST REGISTERED/DISCIPLINE:

1983 / Louisiana Licensed Professional Civil Engineer No. 23414

OTHER EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED PROJECT:

Mr. Bourgeois is GEC's Senior Vice President, currently involved in supervising activities and performing design services on several large-scale projects. Mr. Bourgeois is experienced in the areas of Bridge, Roadway, Toll Collection Systems and Intelligent Transportation Systems (ITS) design. He has extensive experience in safety inspection of bridges. He has valuable experience in the design of prestressed concrete girders, curved steel plate girders, continuous slabs, inverted "T" cap column bents, pile bents, footings, retaining walls, as well as geometry associated with bridge structures and roadways. He is thoroughly familiar with AASHTO Standard Specifications for Highway Bridges, AASHTO Policy on Geometric Design of Highways and Streets, Manual on Uniform Traffic Control Devices, the Highway Capacity Manual and the Standard Specifications for Structural Support for Highway Signs, Luminaries and Traffic Signals.

RELEVANT PROJECT EXPERIENCE

GREATER NEW ORLEANS EXPRESSWAY COMMISSION (GNOEC), LAKE PONTCHARTRAIN CAUSEWAY, CONSULTING ENGINEER: Jefferson and St. Tammany Parishes, LA. Overall Project Manager - 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 15 years. In this time GEC has designed and implemented over \$125,000,000 in improvements to the GNOEC system. (1991-Present)

BLUEBONNET BLVD. (PERKINS TO PICARDY): Baton Rouge, LA. Principal-in-Charge - 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. (09/20-Present) (City-Parish Project No. 19-CP-HC-0034)



TEC PROFESSIONAL SERVICES QUESTIONNAIRE

NAME & TITLE:

CARY BOURGEOIS, PE, *Continued Resume*

OTHER EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED PROJECT:

H.003074, I-10 WIDENING, WILLIAMS TO VETERANS : Jefferson Parish, LA. Principal in Charge - 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 whether to 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. (06/17-2021)

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. (03/95-06/10)

I-10 SERVICE ROAD BRIDGE REPLACEMENTS: Slidell, LA. Principal-in-Charge - The project includes the replacement of two slab span bridges. Mr. Bourgeois is Principal-in-Charge and oversaw the design phase of the project. (10/19-11/20)

LA SAFE-AIRLINE AND MAIN COMPLETE STREETS: Laplace, LA. Principal-in-Charge - 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. (2019-Present)

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. (04/19-12/21)

USACE, 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. (07/09-06/12)

TEC PROFESSIONAL SERVICES QUESTIONNAIRE

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:

NAME & TITLE:

SHERRI LEBAS, PE, Senior Vice President

PROJECT ASSIGNMENT:

Principal-in-Charge

NAME OF FIRM WITH WHICH ASSOCIATED:

G.E.C., INC.

YEARS' EXPERIENCE WITH THIS FIRM:

8 (39 total)

EDUCATION: DEGREE(S)/YEAR/SPECIALIZATION:

B.S. / 1985 / Civil Engineering

ACTIVE REGISTRATION: YEAR FIRST REGISTERED/DISCIPLINE:

1990 / Louisiana Licensed Professional Civil Engineer No. 23844

OTHER EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED PROJECT:

Ms. LeBas has managed numerous Louisiana State projects and programs over her 35-year career from hands on day to day management to leading the 4,200 LADOTD staff members in the delivery of the \$1.8 Billion annual budget for capital improvements and operations while Secretary of the LADOTD. She is driven by her goal to provide our citizens with excellent and safe infrastructure improvements that require problem solving, innovative solutions, and best practices by leading and engaging in teamwork and collaboration. She enjoys working with stakeholders and citizens by informing, explaining and working to find common ground.

While at the Division of Administration, Facility Planning and Control, she served as Project Manager for numerous diverse capital outlay projects throughout the state ranging from municipal utilities to roadways and from livestock arenas to the planetariums managing contracts, schedules and cash flow. She served as the LADOTD Assistant Program Manager for the \$5.2 Billion Transportation Infrastructure Model for Economic Development (TIMED) program. As LADOTD Assistant Secretary for Policy, she managed the \$1.2 Billion State Surplus program and while LADOTD Deputy Secretary, she managed the \$430 million American Recovery Reinvestment Act program (ARRA).



RELEVANT PROJECT EXPERIENCE

I-10 & I-12 COLLEGE DRIVE FLYOVER RAMP DESIGN-BUILD: Baton Rouge, Louisiana. Assistant Quality Design Manager- Ms. LeBas is providing quality design 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. (08/20-Present)

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 the project, overseeing GEC's engineering services, including right-of-way corridor preservation milestone plan preparation for the corridor from the College Drive east ramp terminals to the I-10/I-12 interchange area. Ms. LeBas is assisting the Prime with project transition and data transfer, document control, meetings and coordination, project tracking, initial financial plan, Project Management Plan (PMP), and Project Implementation Plan (PIP). (09/20-Present)

ROAD TRANSFER PROGRAM MANAGEMENT: Statewide, LA. Principal-in-Charge - Ms. LeBas serves as a resource to GEC's Program Manager of the Louisiana Department of Transportation and Development

TEC PROFESSIONAL SERVICES QUESTIONNAIRE

NAME & TITLE:

SHERRI LEBAS, PE, *Continued Resume*

OTHER EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED PROJECT:

(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. (2016-Present)

WORK DONE PRIOR TO JOINING GEC

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 the LADOTD Administration, LADOTD staff and the consultant LTM team. This included reviewing the program changes, change orders, and total program costs from design through construction. In addition, Ms. LeBas worked with the LADOTD TIMED Program Manager in the coordination with the LTM team for plan delivery and construction schedule. (07/95-01/98)

I-49 SHREVEPORT URBAN INTERSTATE (INNER LOOP EXPRESSWAY (LA 3132) TO THE I-49/I-20 INTERCHANGE): Caddo Parish, LA. Project Manager LADOTD Road Design: Ms. LeBas served as Project Manager responsible for scope, schedule & budget, plans, specifications, & estimate (PS&E) of new interstate (I-49) through Shreveport Urban area from Inner Loop Expressway (LA 3132) to I-49/I-20 Interchange which at this time was largest roadway program at LADOTD. During construction, she worked closely with District Construction Engineers to resolve issues. Sherri was responsible for developing scope & fee, negotiating contracts for final design plans, scheduling and tracking plan submittals. Ms. LeBas was responsible for checking roadway design plans & coordinating plan reviews with other LADOTD sections. Sherri prepared the summary of estimated quantities and worked on any special specifications required. Ms. LeBas designed & developed sequence of construction for

I-49/I-20 Interchange which included new concept to LA to use concrete barriers to separate lanes of interstate traffic during construction. She met with property owners within the corridor to discuss driveway access, modifications and concerns. (07/88-08/97)

I-49 SHREVEPORT URBAN INTERSTATE (INDUSTRIAL LOOP (LA 526) TO THE I-49/I-20 INTERCHANGE): Caddo Parish, LA. Design Engineer in Training, LADOTD Road Design Section: Ms. LeBas reviewed the design aspects of the roadway including drainage, typical sections, horizontal and vertical alignments, superelevation, embankment widening for guardrails, cross sections, quantity calculations, summary of estimated quantities in accordance with the LADOTD standard specifications, traffic sequencing, and construction cost estimate for the consultant designed plans to ensure compliance with LADOTD standards and plan formatting and AASHTO standards. (03/86-07/88)

STATE OF LOUISIANA NON-STATE ENTITY CAPITAL OUTLAY PROGRAM: Program Manager - Ms. LeBas served as Program Manager at the Division of Administration (DOA)/Facility Planning & Control (FP&C) for the non-state entity projects that receive funding through the State of Louisiana. She was responsible for the development of the Cooperative Endeavor Agreements between the State and the local entity, working with local entities in the delivery of their projects in accordance with the State's guidelines, each project's cash flow and communicating and working with local and state officials during the entire process, from funding through construction. While at DOA/FP&C, she co-authored the Non-State Entity Capital Outlay Administrative Guidelines which are still used today for the management of the projects. At any one time 75 to 100 active projects were in production with a wide range of scope including but not limited to waterlines, sewer lines, pump stations, roadways, livestock arenas, renovation of theaters, renovation of historical buildings, park roadways and amenities and port facilities. (01/98-09/03)

TEC PROFESSIONAL SERVICES QUESTIONNAIRE

L. WORK BY FIRM OR JOINT-VENTURE MEMBERS WHICH BEST ILLUSTRATES CURRENT QUALIFICATIONS RELEVANT TO THIS PROJECT. PLEASE INCLUDE ANY AND ALL WORK PERFORMED FOR JEFFERSON PARISH. PLEASE ATTACH ADDITIONAL PAGES IF NECESSARY.

PROJECT NO. 1

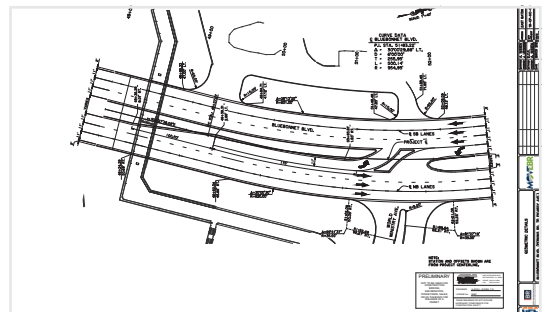
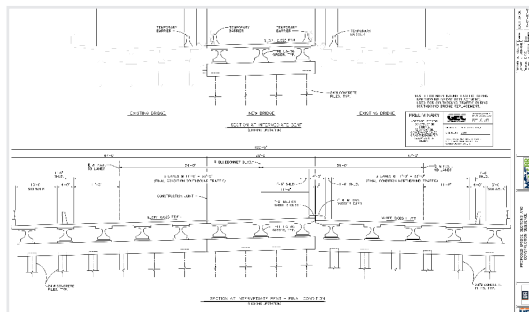
PROJECT NAME, LOCATION AND OWNER'S CONTACT INFORMATION:

**BLUEBONNET BLVD.
(PERKINS ROAD TO
PICARDY AVENUE)**
Baton Rouge, Louisiana

*Client: City-Parish of
East Baton Rouge, Tom
Stephens, PE, PO Box
1471, Baton Rouge, LA
70821, (225) 389-3186,
tstephens@brla.gov*

NATURE OF FIRM'S RESPONSIBILITY:

GEC completed a design study and is currently 95% complete with the final design for the widening of Bluebonnet Blvd., currently a four-lane roadway between Perkins Road and Picardy Avenue. GEC is also redesigning the existing bridges over Dawson Creek. The study included preliminary horizontal/vertical alignments and intersection geometry based on LIDAR information. GEC is designing a six-lane boulevard, curb and gutter roadway with subsurface drainage, green infrastructure, and pedestrian facilities. Design includes a 10-foot wide shared use path on the west side and a 5-foot wide sidewalk on the east side. GEC's design is in accordance with MOVEBR Design Guidelines and Consultant Services Manual. The alignment of the widened roadway will generally follow the existing alignment with sections shifted and/or widened to avoid conflict with bridge support columns and to consider traffic volumes. Project includes a level 2 Transportation Management Plan (TMP). 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 95% complete with the design and construction plan development of the replacement bridges. The new bridges will provide five lanes of traffic (three through and two turn lanes) in the southbound direction and three lanes of through traffic in the northbound direction. The southbound bridge will have a clear roadway width of 58'-0" made up of five 11'-0" lanes and two 1'-6" shoulders. On the northbound bridge, three 11'-0" lanes and two 1'-6" shoulders will provide a clear roadway width of 38'-0". The bridges will have a 10'-0" wide multi-mode sidewalk (southbound) and a 5'-0" wide pedestrian sidewalk (northbound). GEC is participating in bi-weekly status meetings as needed.



COMPLETION DATE (ACTUAL OR ESTIMATED):

Ongoing

ESTIMATED COST:

ENTIRE PROJECT:

\$ 18,000,000 (Estimated)

WORK FOR WHICH FIRM WAS RESPONSIBLE:

\$ 1,312,000 (GEC Fees)

TEC PROFESSIONAL SERVICES QUESTIONNAIRE

L. WORK BY FIRM OR JOINT-VENTURE MEMBERS WHICH BEST ILLUSTRATES CURRENT QUALIFICATIONS RELEVANT TO THIS PROJECT. PLEASE INCLUDE ANY AND ALL WORK PERFORMED FOR JEFFERSON PARISH. PLEASE ATTACH ADDITIONAL PAGES IF NECESSARY.

PROJECT NO. 2

PROJECT NAME, LOCATION AND OWNER'S CONTACT INFORMATION:

LA SAFE AIRLINE AND MAIN COMPLETE STREETS

LaPlace, Louisiana

Client: St. John the Baptist Parish, 1811 W. Airline Hwy., LaPlace, Louisiana 70068, Rene' Pastorek, Planning and Zoning Director, (985) 651-5565 ext. 1154, r.pastorek@stjohn-la.gov

NATURE OF FIRM'S RESPONSIBILITY:



GEC is providing all necessary engineering design for this resilient infrastructure and community nonstructural mitigation/flood risk reduction project in LaPlace. The vision for this project is to serve as an example project of how to plan for a future of heightened flood risk in a low risk area by incorporating storm water management strategies into public infrastructure projects while providing residents with enhanced active transportation options for the corridor, providing an opportunity to retrofit the corridor into a more walkable, livable space while allowing consistency with LADOTD project guidelines. The scope of services range from civil engineering design, environmental engineering, traffic engineering, topographic survey in accordance with LADOTD standards, geotechnical investigation, and landscaping services (green infrastructure component along the drainage ditches and proposed median). This project is funded by the LA Office of Community Development-Disaster Recovery Unit under the LA SAFE program.

GEC developed typical sections and preliminary layout consisting of a 10' shared use path, 5' sidewalk along the north side of US 90, bike lanes on shoulder, 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., GEC is providing parallel parking utilizing decorative brick and permeable base to reduce time of concentration. GEC engineers calculated preliminary quantities and developed a preliminary estimated construction cost. The final engineering plans and specifications have been completed. Additionally, staff developed fee for all costs from surveying to construction.

This safe routes to schools type project includes enhanced transportation options, including off-street pedestrian and cyclist paths, green median and shade trees; retention and filtering of runoff components, bioretention swales, permeable pavement systems, native plantings, and other "green" infrastructure amenities.

COMPLETION DATE (ACTUAL OR ESTIMATED):

Ongoing

ESTIMATED COST:

ENTIRE PROJECT:

\$ 4,800,000 (Estimated)

WORK FOR WHICH FIRM WAS RESPONSIBLE:

\$ 1,160,000 (GEC Fees)

TEC PROFESSIONAL SERVICES QUESTIONNAIRE

L. WORK BY FIRM OR JOINT-VENTURE MEMBERS WHICH BEST ILLUSTRATES CURRENT QUALIFICATIONS RELEVANT TO THIS PROJECT. PLEASE INCLUDE ANY AND ALL WORK PERFORMED FOR JEFFERSON PARISH. PLEASE ATTACH ADDITIONAL PAGES IF NECESSARY.

PROJECT NO. 3

PROJECT NAME, LOCATION AND OWNER'S CONTACT INFORMATION:

NICOLLE BLVD. BIKE PATH

Jefferson Parish, Louisiana

Client: Jefferson Parish Government, Joseph S. Yenni Building, 1221 Elmwood Park Blvd., Jefferson, LA 70123

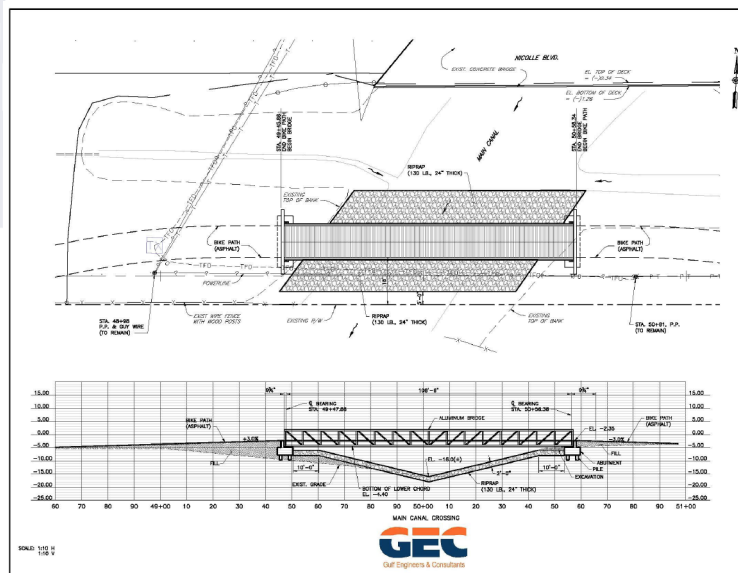
NATURE OF FIRM'S RESPONSIBILITY:

As a subconsultant, GEC designed two pedestrian bridges for Nicolle Blvd. Bike Path in Avondale, Jefferson Parish, Louisiana.

The bridge over Main Canal is 110 ft. long x 12 ft. wide and the other over Avondale Canal is 70 ft. long x 12 ft. wide. Both are aluminum Pratt type truss, half through 12 ft. clear width. The bridges are being designed in accordance with AASHTO LRFD Guide Specifications for the Design of Pedestrian Bridges, 2009 including Interim Revisions 2015.

GEC's role includes preliminary study of comparing cost of multi-box culverts versus aluminum bridges, design of the pedestrian bridges, preparation of plans and specifications, bid phase services, and construction phase services.

The project is currently under construction. The pedestrian bridge at Avondale Canal has been installed and the site is being prepped for approach slabs. The second bridge at the Main Canal is pending installation.



COMPLETION DATE (ACTUAL OR ESTIMATED):

Ongoing

ESTIMATED COST:

ENTIRE PROJECT:

\$ 900,000 (Estimated)

WORK FOR WHICH FIRM WAS RESPONSIBLE:

\$ 69,000 (GEC Fees)

TEC PROFESSIONAL SERVICES QUESTIONNAIRE

L. WORK BY FIRM OR JOINT-VENTURE MEMBERS WHICH BEST ILLUSTRATES CURRENT QUALIFICATIONS RELEVANT TO THIS PROJECT. PLEASE INCLUDE ANY AND ALL WORK PERFORMED FOR JEFFERSON PARISH. PLEASE ATTACH ADDITIONAL PAGES IF NECESSARY.

PROJECT NO. 4

PROJECT NAME, LOCATION AND OWNER'S CONTACT INFORMATION:

I-10 SERVICE ROAD BRIDGES

Slidell, Louisiana

Client: St. Tammany Parish Government, Christopher Coervers, 21490 Koop Drive, Mandeville, LA 70471, (985) 898-2700

NATURE OF FIRM'S RESPONSIBILITY:

GEC designed improved drainage, new approach roads, and upgrades to two bridges to meet current standards with increased life-span. For the project, part of a \$30M Bond Package, GEC completed preliminary and final plans with LRFR as-designed bridge rating for two (2) bridge sites in accordance with the LADOTD Bridge Design and Evaluation Manual on the I-10 Service Rd. in Slidell, Louisiana – one at Reine Canal and one at French Branch.

GEC staff designed new roadway approaches to the new bridge and calculated quantities and estimated construction costs. GEC was responsible for the vertical alignment, proposed length of the bridges, placement of the new bridges, and guardrail design. GEC designed the mill and overlay of the entire roadway, along with calculating the associated quantities. In addition, GEC performed a hydrologic and hydraulic analysis, including viable drainage alternates for the site. The design was in compliance with the LADOTD Hydraulics Manual as modified by the LADOTD's Hydraulics Guidelines for Off-System Bridges. GEC provided all environmental and permitting services for Wetland permits (404 and Nationwide) and Section 10 permits from USACE, in addition to a Coastal Use Permit from Louisiana Department of Natural Resources.

GEC provided construction engineering and inspection services for the reconstruction of the approach slabs, drainage improvements, and milling and overlay for the roadway between the structures. Construction was completed in summer 2021.



COMPLETION DATE (ACTUAL OR ESTIMATED):

2021

ESTIMATED COST:

ENTIRE PROJECT:

\$ 2,218,729 (Construction)

WORK FOR WHICH FIRM WAS RESPONSIBLE:

\$ 248,205 (GEC Fees)

TEC PROFESSIONAL SERVICES QUESTIONNAIRE

L. WORK BY FIRM OR JOINT-VENTURE MEMBERS WHICH BEST ILLUSTRATES CURRENT QUALIFICATIONS RELEVANT TO THIS PROJECT. PLEASE INCLUDE ANY AND ALL WORK PERFORMED FOR JEFFERSON PARISH. PLEASE ATTACH ADDITIONAL PAGES IF NECESSARY.

PROJECT NO. 5

PROJECT NAME, LOCATION AND OWNER'S CONTACT INFORMATION:

**CHEVELLE DRIVE
AND SARASOTA
DRIVE BRIDGE
REPLACEMENTS**

Baton Rouge, Louisiana

*Client: City-Parish of
East Baton Rouge, Tom
Stephens, PE, PO Box
1471, Baton Rouge, LA
70821, (225) 389-3186,
tstephens@brla.gov*

NATURE OF FIRM'S RESPONSIBILITY:

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 also provided rebuilding of the approach roadways, as-designed LRFR Rating for the super- and sub-structures of these bridges, and drainage.

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.



COMPLETION DATE (ACTUAL OR ESTIMATED):

2021

ESTIMATED COST:

ENTIRE PROJECT:

\$ 970,000 (Estimated Construction)

WORK FOR WHICH FIRM WAS RESPONSIBLE:

\$ 319,708.05 (GEC Fees)

TEC PROFESSIONAL SERVICES QUESTIONNAIRE

L. WORK BY FIRM OR JOINT-VENTURE MEMBERS WHICH BEST ILLUSTRATES CURRENT QUALIFICATIONS RELEVANT TO THIS PROJECT. PLEASE INCLUDE ANY AND ALL WORK PERFORMED FOR JEFFERSON PARISH. PLEASE ATTACH ADDITIONAL PAGES IF NECESSARY.

PROJECT NO. 6

PROJECT NAME, LOCATION AND OWNER'S CONTACT INFORMATION:

SHARP ROAD
Mandeville, Louisiana

Client: St. Tammany Parish Government, 21454 Koop Dr., Mandeville LA., 70471, Christopher Corvers, Project Manager, DPW, (985) 898-2552, cjcorvers@stpgov.org

NATURE OF FIRM'S RESPONSIBILITY:

GEC is providing preliminary and final construction plans in accordance with AASHTO Standards and the LADOTD Road Design Manual for improvements to Sharp Road in Mandeville, LA. Sharp Road is currently a narrow two-lane roadway with steep open ditches and no shoulders or pedestrian facilities. The purpose of the project is to improve safety for this heavily trafficked roadway by improving pavement conditions, drainage, providing a safe place for pedestrians and bicyclists.



GEC's scope includes developing preliminary and final plans to produce bid documents and construction engineering and inspection services for roadway improvements, subsurface drainage installation, sidewalk construction, and adhering to the requirements of the LADOTD Transportation Alternatives Program (TAP) grant funding. The improved design along the approximate 2.5-mile road section includes the addition of sidewalks and subsurface drainage along the north side of the roadway for safer pedestrian access and improved ditches on the south side of the roadway (widening and safer side slopes) for reduced ponding along the roadway and safety. The pedestrian features include the addition of a 5-to-7-ft. sidewalk along the north side of the roadway with associated subsurface drainage, pedestrian crossings, ADA-accessible ramps, signage, striping, and rumble strips. This will provide a safe route for pedestrians and bicyclists to access neighborhoods and surrounding key destinations. GEC's design also includes standard safety features, including rumble strips, visible lane markings, shoulder wedge, and guardrails.

GEC is also providing the hydraulic design in accordance with the current edition of the LADOTD Hydraulics Manual. GEC Environmental staff performed an analysis on potential environmental constraints to identify any major community issues impacted by the project during construction and operational phases of the project. GEC is providing all permitting services, including Wetland permits (404 and Nationwide) and Section 10 permits from USACE and Scenic Rivers permit (as applicable). Other GEC services include project status reports, pre-bid and preconstruction meetings, and submission of design schedule.

GEC provided construction engineering inspection services Phase I of the project which has been constructed. Final plans for Phase 2 of Sharp Road have been submitted and approved by the Parish with construction to commence following advertisement for bids.

COMPLETION DATE (ACTUAL OR ESTIMATED):

Ongoing

ESTIMATED COST:

ENTIRE PROJECT:

\$ 8,848,000 (Estimated)

WORK FOR WHICH FIRM WAS RESPONSIBLE:

\$ 385,278 (GEC Fees)

TEC PROFESSIONAL SERVICES QUESTIONNAIRE

L. WORK BY FIRM OR JOINT-VENTURE MEMBERS WHICH BEST ILLUSTRATES CURRENT QUALIFICATIONS RELEVANT TO THIS PROJECT. PLEASE INCLUDE ANY AND ALL WORK PERFORMED FOR JEFFERSON PARISH. PLEASE ATTACH ADDITIONAL PAGES IF NECESSARY.

PROJECT NO. 7

PROJECT NAME, LOCATION AND OWNER'S CONTACT INFORMATION:

**ORETHA CASTLE
(O.C.) HALEY BLVD.
STREETSCAPE**
New Orleans, Louisiana

Client: City of New Orleans, Rick Hathaway, 1300 Perdido Street, New Orleans, LA, rhathaway@nola.gov

NATURE OF FIRM'S RESPONSIBILITY:



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 scope of work consisted of developing a framework and urban design plans that would outline contextually specific (and economically viable) strategies for community development, while addressing the City's Pedestrian Action Plan and engineering strategies as part of the design for the revitalization of the Main Street corridor. GEC's design included the following:

- Widening the existing median between Felicity St. and Martin Luther King Jr. Blvd. and paving it in stamped concrete
- Installing wider, landscaped medians between St. Andrew and Felicity Sts. and Martin Luther King Jr. Blvd. and Calliope St.
- Installing new ADA-compliant curb ramps and high-visibility striping for crosswalks and bike lanes
- Repairing damaged sidewalks and improving landscaping
- Converting the roadway from two travel lanes and a parking lane into a single travel, parking, and bicycle lane both ways
- Green infrastructure rain gardens

In June 2017, the National Main Street Center Organization awarded Oretha Castle Haley Boulevard 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 of the application of principles of smart growth in urban design, engineering, and landscaping.

The total cost for this Community Development Block Grants-Disaster Recovery (CDBG-DR) funded project was approximately \$1,800,000 and construction was completed in 2017.

COMPLETION DATE (ACTUAL OR ESTIMATED):

2017

ESTIMATED COST:

ENTIRE PROJECT:

\$ 1,800,000 (Estimated)

WORK FOR WHICH FIRM WAS RESPONSIBLE:

\$ 263,000 (GEC Fees)

TEC PROFESSIONAL SERVICES QUESTIONNAIRE

L. WORK BY FIRM OR JOINT-VENTURE MEMBERS WHICH BEST ILLUSTRATES CURRENT QUALIFICATIONS RELEVANT TO THIS PROJECT. PLEASE INCLUDE ANY AND ALL WORK PERFORMED FOR JEFFERSON PARISH. PLEASE ATTACH ADDITIONAL PAGES IF NECESSARY.

PROJECT NO. 8

PROJECT NAME, LOCATION AND OWNER'S CONTACT INFORMATION:

**PALMISANO BLVD.
IMPROVEMENTS**
Chalmette, Louisiana

*Client: St. Bernard Parish
Government, Hilary J.
Nunez, Director of Public
Works, 8201 W. Judge
Perez Drive, Chalmette, LA
70043, (504) 278-4300,
hnunez@sbpg.net*

NATURE OF FIRM'S RESPONSIBILITY:

GEC designed a shared-use (bike/pedestrian) trail along Palmisano Blvd. from St. Bernard Hwy. to Karen Street in Chalmette, which establishes a vital link between Val Reiss Park, located near the 40 Arpent Canal, and the proposed Mississippi River Trail.

The 10 ft. wide concrete multi-purpose trail is suitable for walkers, joggers, skaters, bicyclists, and other non-motorized transportation users. The design of the trail is based on the priorities set forth in the *Parish Bikeway and Pedestrian Plan* concerning safety for all users, providing access to schools, access to activity centers, and the ability to connect to other travel modes. The trail provides beautification, accessibility, mobility, and safety, as well as improved access to area facilities for all residents. The trail also provides improved access to Chalmette High School and the Parish Library, along with the recently constructed bike access on Palmisano Blvd. The total length of the project is approximately 0.70 miles and construction was performed in conjunction with drainage improvements along the corridor.

GEC performed engineering design, landscape design, preparation of detail construction plans, specifications and construction cost estimates, bidding phase and construction phase services, review of shop drawings, samples and materials tests, site visits, and preparation of record drawings. Project coordination between LADOTD, St. Bernard Parish Department of Public Works, and Chalmette High School was essential to complete the project on time and within budget. All design was completed in accordance with AASHTO, LADOTD, and NACTO requirements.

In September 2020, the ACEC of Louisiana Engineering Excellence Awards Judges Panel selected the Palmisano Boulevard Improvements project as a Grand Award Category Winner for the Water Resources Category. The American Concrete Institute (ACI) Louisiana Chapter selected GEC for the 2018 Flatwork Project Award of Merit in recognition of outstanding and innovative use of concrete products on this project.



COMPLETION DATE (ACTUAL OR ESTIMATED):

2018

ESTIMATED COST:

ENTIRE PROJECT:

\$ 160,000 (Estimated)

WORK FOR WHICH FIRM WAS RESPONSIBLE:

\$ 13,000 (GEC Fees)

TEC PROFESSIONAL SERVICES QUESTIONNAIRE

L. WORK BY FIRM OR JOINT-VENTURE MEMBERS WHICH BEST ILLUSTRATES CURRENT QUALIFICATIONS RELEVANT TO THIS PROJECT. PLEASE INCLUDE ANY AND ALL WORK PERFORMED FOR JEFFERSON PARISH. PLEASE ATTACH ADDITIONAL PAGES IF NECESSARY.

PROJECT NO. 9

PROJECT NAME, LOCATION AND OWNER'S CONTACT INFORMATION:

POWER BLVD. MEDIAN IMPROVEMENTS (WEST ESPLANADE AVENUE TO VINTAGE DRIVE)

Kenner, Louisiana

Client: Linfield Hunter & Junius / City of Kenner, 3608 18th Street, Metairie, LA 70002, Tom Knight, (504) 833-5300, tknight@lhjunius.com

NATURE OF FIRM'S RESPONSIBILITY:

In 2014, GEC was selected by the City of Kenner to design a shared use path (bike and pedestrian) along the Power Boulevard median, from West Esplanade Avenue to Vintage Drive. This project establishes a vital link to the existing Lake Pontchartrain Multipurpose Path, improving bike and pedestrian circulation within Kenner.

The primary feature of the project, a 12'-wide concrete path, provides a high-quality experience and significant upgrade in level of service compared to the original 6'-wide path. The meandering pathway, designed by GEC, comfortably accommodates bidirectional pedestrian and bicycle use and connects to the newly constructed 12' path that runs from Vintage to Lake Pontchartrain.

GEC's services included (A) Preliminary Phase, which included a topographic survey and development of design criteria; (B) Design Phase, which included preparation of detailed construction plans and specifications and construction cost estimates; (C) Bidding Phase; (D) Construction Phase, which included review of shop drawings, samples and material tests as well as periodic job site visits as necessary; and, (E) Record Drawings. Construction of the project will utilize funding by the Transportation Alternatives program administered by LADOTD with matching funding requirements coming from the City of Kenner. The Power Boulevard Shared Use Path (bicycle/pedestrian) project will also feature pedestrian lighting, a pedestrian crossing of the Vintage Canal, landscaping, public art, striping, and signage. Final Plans were submitted in December of 2022 and the project is currently under construction.



COMPLETION DATE (ACTUAL OR ESTIMATED):

2022

ESTIMATED COST:

ENTIRE PROJECT:

\$ 3,399,000 (Estimated)

WORK FOR WHICH FIRM WAS RESPONSIBLE:

\$ 315,000 (GEC Fees)

TEC PROFESSIONAL SERVICES QUESTIONNAIRE

L. WORK BY FIRM OR JOINT-VENTURE MEMBERS WHICH BEST ILLUSTRATES CURRENT QUALIFICATIONS RELEVANT TO THIS PROJECT. PLEASE INCLUDE ANY AND ALL WORK PERFORMED FOR JEFFERSON PARISH. PLEASE ATTACH ADDITIONAL PAGES IF NECESSARY.

PROJECT NO. 10

PROJECT NAME, LOCATION AND OWNER'S CONTACT INFORMATION:

NATURE OF FIRM'S RESPONSIBILITY:

JPPW PROJECT NO.
2010-049-C1-ST
**JEFFERSON PARISH
SUBMERGED ROADS
REPAIRS (COUNCIL
DISTRICT 5)**
Jefferson Parish, Louisiana

*Client: Jefferson Parish
Government, Department
of Engineering, Juan
Gutierrez, 1221 Elmwood
Park Blvd., New Orleans,
LA 70123, (504) 736-6505*

On August 29, 2005, Hurricane Katrina caused significant damage to roadways on the east and west bank of Jefferson Parish, Louisiana. To repair this damage, Jefferson Parish pursued and was granted \$100M by FEMA for roadway repairs, resulting in one of the largest roadway restoration and repair projects undertaken in Jefferson Parish - to be known as the Submerged Roads Program.

GEC was selected to provide engineering design services for roadways in Council Districts 1, 2, and 5 which represented \$43M of the total \$100M construction cost. GEC designed concrete and asphalt street restoration and repair work for approximately 100 miles of Jefferson Parish roadways. GEC's design included 375,000 square yards of Portland cement concrete pavement and 80,000 tons of asphaltic street replacement and repairs. Because of the size and complexity of the restoration project, design, bidding, and construction was performed in multiple bid packages between 2011 and 2016. All design and construction of the projects were completed by October of 2017. GEC staff prepared construction plans, specifications, contracts, and agreements, assisted in the bidding process and resident inspection, and served as the Parish's engineer during construction. All projects designed by GEC were finished on time and within budget, in accordance with Jefferson Parish, AASHTO, and FEMA requirements.

These projects required GEC to provide professional engineering services for the design, construction administration, and resident inspection for the repair of asphaltic concrete pavement and PCCP panels of roadways throughout Jefferson Parish Council Districts 1, 2 and 5 in accordance with FEMA funding requirements. Design requirements include field collection of data by visual examination of the streets to identify settlement, surface condition, degree and severity of damage, and confirm the level of repair.



COMPLETION DATE (ACTUAL OR ESTIMATED):

ESTIMATED COST:

ENTIRE PROJECT:

WORK FOR WHICH FIRM WAS RESPONSIBLE:

2017

\$ 43,000,000 (Estimated)

\$ 3,750,000 (GEC Fees)

TEC PROFESSIONAL SERVICES QUESTIONNAIRE

M. LIST ALL PRIOR AND/OR ON-GOING LITIGATION BETWEEN FIRM AND JEFFERSON PARISH. PLEASE ATTACH ADDITIONAL PAGES IF NECESSARY.

PARTIES:		STATUS/RESULT OF CASE:
PLAINTIFF:	DEFENDANT:	
1. N/A		
2.		
3.		
4.		

N. USE THIS SPACE TO PROVIDE ANY ADDITIONAL INFORMATION OR DESCRIPTION OF RESOURCES SUPPORTING FIRM'S QUALIFICATIONS FOR THE PROPOSED PROJECT.

Routine Engineering for Streets Projects

STATEMENT OF QUALIFICATIONS

G.E.C., Inc. (GEC) appreciates the opportunity to offer Jefferson Parish a highly capable and experienced professional team to provide routine engineering consulting services, including project evaluation, project design, drafting of technical plans, development of technical specifications and construction administration.

Since 1986, GEC has grown into a firm offering project management and comprehensive, multidisciplinary project planning, design, and implementation services for public and private clients nationwide. The diverse resources of the company include project management, design and construction engineering, economic analysis, environmental and ecological sciences, and GIS applications. We are committed to providing engineering services to Jefferson Parish on time and within budget to effectively accomplish the goals of this project.

Our staff includes licensed professional engineers with national prominence to provide professional engineering services. GEC supports municipalities and local governments in the planning, design, and rehabilitation of infrastructure and other public facilities systems vital to enhance the quality of life of residents of Jefferson Parish.

We have thoroughly reviewed the solicitation and feel confident GEC has the broad experience and full array of personnel necessary to complete all services described in the Request for Qualifications.

FIRM OVERVIEW

GEC has maintained an office in Jefferson Parish in Metairie since 2008

Through the acquisition of Krebs, LaSalle, LeMieux Consultants, Inc. (KLL) in 2011, GEC has had a presence in Jefferson Parish since 1967.

Established in 1986 in Baton Rouge, GEC has over 130 employees providing civil, electrical, construction, environmental, and coastal engineering, planning, inspection, and more.

O. TO THE BEST OF MY KNOWLEDGE, THE FOREGOING IS AN ACCURATE STATEMENT OF FACTS.

SIGNATURE:



PRINT NAME:

Sherri LeBas, PE

TITLE:

Senior Vice President

DATE:

July 16, 2024

Minimum Requirements for Selection

ROUTINE ENGINEERING SERVICES

GEC has the local, state and regional experience to meet the needs of the Parish for task orders arising from this as-needed contract. Our firm meets or exceeds all minimum requirements for selection as demonstrated by our numbered responses below.

THE PERSON OR FIRM SUBMITTING A STATEMENT OF QUALIFICATIONS SHALL HAVE THE FOLLOWING MINIMUM QUALIFICATIONS:

1. ONE PRINCIPAL WHO IS A PROFESSIONAL ENGINEER WHO SHALL BE REGISTERED AS SUCH IN LOUISIANA

2. A PROFESSIONAL IN CHARGE OF THE PROJECT WHO IS A PROFESSIONAL ENGINEER WHO SHALL BE REGISTERED AS SUCH IN LOUISIANA WITH A MINIMUM OF FIVE (5) YEARS EXPERIENCE IN THE DISCIPLINES INVOLVED

3. ONE EMPLOYEE WHO IS A PROFESSIONAL ENGINEER REGISTERED AS SUCH IN LOUISIANA IN THE FIELD OR FIELDS OF EXPERTISE REQUIRED FOR THE PROJECT (A SUB-CONSULTANT MAY MEET THE REQUIREMENT ONLY IF THE ADVERTISED PROJECT INVOLVES MORE THAN ONE DISCIPLINE.)

Sherri LeBas joined GEC after 30.5 years in state service in Louisiana. Her work experience includes the Louisiana Department of Transportation and Development (LADOTD) as well as the Louisiana State Division of Administration, Facility Planning and Control. Ms. LeBas spent the last 6 years of her state career as Secretary of LADOTD from 2010 to 2016 and understands the components of the successful delivery of projects including the management of the preconstruction phases and identification of funding sources and timing of the cash flow required. Currently, Ms. LeBas is Assistant Project Manager for the I-10 Widening CMAR Project in Baton Rouge. She is a licensed Civil and Environmental Professional Engineer in Louisiana.

Many Heymann leads GEC's Greater New Orleans Area Operations as Vice President. He has more than 20 years of experience and has been responsible for the design and oversight of drainage projects, water distribution projects, sewer system projects, storm water collection systems, roadway projects, and construction projects. His experience includes the development of cost estimates, quantity calculations, drainage design, geometric design, erosion control, maintenance-of-traffic, grading plans, preparation of construction documents, and construction management.

STAFF NAME	YEARS OF EXPERIENCE	LICENSE NO. (DISCIPLINE)
Sherri LeBas, PE	39	LA PE No. 23844 (Civil/Environmental)
Cary Bourgeois, PE	39	LA PE No. 23414 (Civil)
Many Heymann, PE	21	LA PE No. 35554 (Civil)
Elizabeth Guiza, PE	13	LA PE No. 39531 (Civil)
Jerome Lohmann, PE	40	LA PE No. 24673 (Civil)
Chris Nipper, PE	9	LA PE No. 43281 (Civil)
Tom Swanson, PE, PTOE	27	LA PE No. 30139 (Civil)
Mickey Prattini Jr., PE	20	LA PE No. 35993 (Electrical)
Brian Buckel, PE	42	LA PE No. 21816 (Civil)

Professional Qualifications

ROUTINE ENGINEERING SERVICES

EVALUATION CRITERIA

1) PROFESSIONAL TRAINING AND EXPERIENCE IN RELATION TO THE TYPE OF WORK REQUIRED FOR THE ROUTINE ENGINEERING SERVICES - 35 POINTS

GEC staff includes dozens of professionals experienced in the design of major roads and streets in urban and rural settings. Our transportation staff routinely completes large and complex road and street projects involving transportation planning, traffic engineering and design including: line and grade studies, traffic studies, design of traffic signals, local streets, access roads, and highway overpass bridges interstate highway connections; and GEC has provided these services to Jefferson Parish and other local governments for decades. GEC has actively implemented the complete streets policy in roadway design projects.

We offer Jefferson Parish a broad range of experience to help design street improvements. Our staff of over 130 personnel has provided professional services with technical requirements similar to those listed in the solicitation.



EVALUATION CRITERIA

2) SIZE OF FIRM, CONSIDERING THE NUMBER OF PROFESSIONAL AND SUPPORT PERSONNEL REQUIRED TO PERFORM THE TYPE OF ROUTINE ENGINEERING TASKS – 10 POINTS

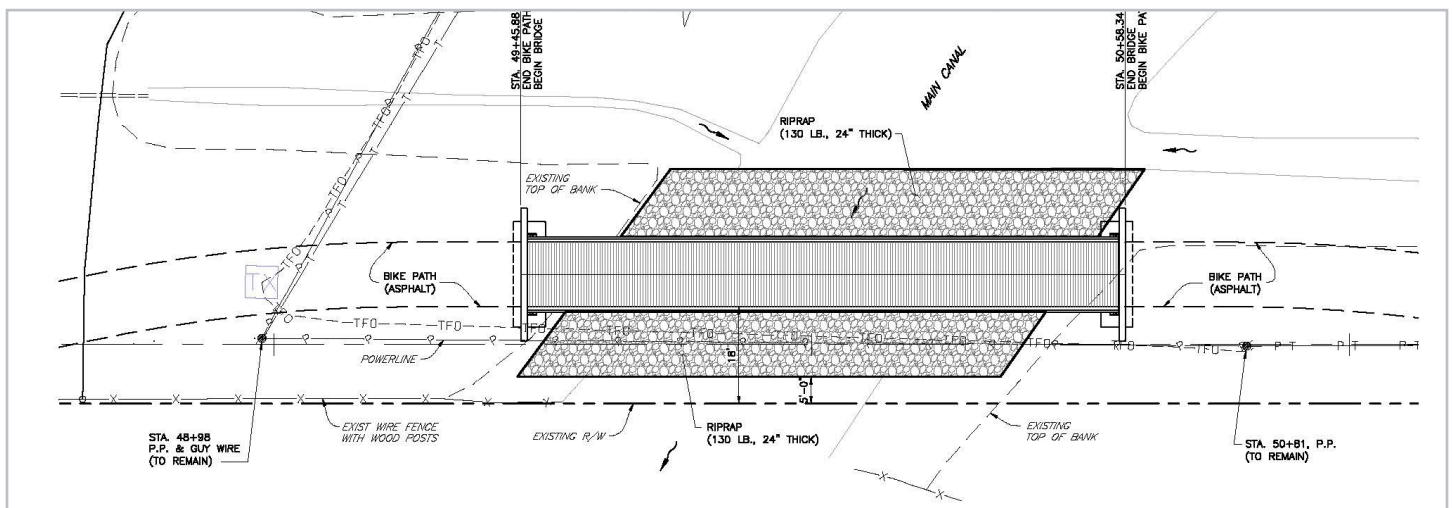
GEC currently has ample staff available to work either full or part time on this project assigned by Jefferson Parish, from our Metairie office. As shown in Section E of this proposal, our staff of over 100 includes professionals and support personnel. Many have advanced degrees with over 25 years of experience with streets design throughout Louisiana.

3) CAPACITY FOR TIMELY COMPLETION OF NEWLY ASSIGNED WORK, CONSIDERING THE FACTORS OF TYPE OF ROUTINE ENGINEERING TASK, CURRENT UNFINISHED WORKLOAD, AND PERSON OR FIRM'S AVAILABLE PROFESSIONAL AND SUPPORT PERSONNEL - 20 POINTS

For over 38 years, GEC has had an exemplary reputation for on-schedule work. Our large staff of professionals (both here and elsewhere in the region) gives us the flexibility needed to meet challenging deadlines. In selecting GEC, Jefferson Parish opts for a firm with a proven record of delivering projects on schedule.

GEC consistently completes project tasks in a time commensurate with a task's complexity. As part of the Louisiana TIMED Management (LTM) Joint Venture, GEC was a key contributor in accelerating the turnkey delivery of more than 260 miles of new highway construction from a 30-year schedule to 10 years, and then further accelerating the 10-year schedule to 8 years. Our staff utilizes various methods to manage multiple large projects simultaneously and meet deadlines under an aggressive schedule. Some of the various ways we perform this task include using a team approach, coordinating tasks between offices, relying on our knowledge of Local, State and Federal Regulations, employing staff that is proficient in multiple fields and following a company-wide a Quality Control/Quality Assurance plan.

GEC employs over 20 Louisiana licensed professional engineers with a support staff of technicians and administrative professionals, all of whom are readily available to meet the needs of this project.



EVALUATION CRITERIA

4) PAST PERFORMANCE BY PERSON OR FIRM ON PARISH CONTRACTS - 10 POINTS

GEC has managed hundreds of projects for Jefferson Parish with an excellent track record of previous work with the Parish. Our staff maintains valued working relationships with Parish staff, affording us the opportunity to provide ongoing services to the Parish.

SAMPLING OF PARISH PROJECTS COMPLETED BY GEC

- Nicolle Blvd. Bike Path
- West Napoleon Avenue (Houma Blvd. to Harvard Ave.)
- West Napoleon/Causeway Blvd. Intersection Improvements
- Causeway Blvd. Overlay (Bore Street to West Napoleon Avenue)
- North Causeway Blvd. Overlay (17th Street to 6th Street)
- Jefferson Parish Submerged Roads Repairs (Council District 5)
- Clearview Parkway Capacity Improvements (Jefferson Highway to I-10)
- Airline Highway Lighting
- Modifications to F6-13 (Cleary & West Napoleon) Lift Station Improvements and New Effluent Force Main
- Clearview Parkway Capacity Improvements
- Westbound Veterans Blvd. Resurfacing
- Metairie Road Drainage Evaluation

5) LOCATION OF THE PRINCIPAL OFFICE - 15 POINTS

GEC has maintained a permanent office in Jefferson Parish since 2008 and is located at 3501 N. Causeway Blvd. in Metairie, Louisiana, allowing us access to all of Jefferson Parish. Any staff utilized outside of our Metairie office will coordinate directly with Metairie staff as has been done on several previous projects.

GEC's network infrastructure incorporates a decentralized wide area network spanning multiple offices and support for employees telecommuting or working in remote locations. All sites are interconnected using secured tunnels that are encrypted and deploy the most current technologies for deep packet inspection methods which scan and filter malicious packets.

All network nodes are monitored and can be accessed remotely to provide end user support when necessary. The integrity of the network is secured against the latest threats including malware and ransomware utilizing a multi-layered security strategy alongside multi-backup and off-site storage for critical data and applications. This ensures no delay in communication between office locations so that all employees can coordinate seamlessly on projects.

EVALUATION CRITERIA

6) ADVERSARIAL LEGAL
PROCEEDINGS BETWEEN THE
PARISH AND THE PERSON OR FIRM
PERFORMING PROFESSIONAL
SERVICES - 15 POINTS

There are no current nor any prior adversarial legal proceedings between Jefferson Parish and GEC. In addition, GEC has never had a claim against it by Jefferson Parish or any other client for unsatisfactory work. GEC has never been disqualified or disbarred by any public agency from public contracts. There are neither past nor pending litigation or claims that would affect GEC's performance of this contract.

7) PRIOR SUCCESSFUL
COMPLETION OF PROJECTS OF THE
TYPE AND NATURE OF ROUTINE
ENGINEERING SERVICES, AS
DEFINED, FOR WHICH FIRM HAS
PROVIDED VERIFIABLE REFERENCES
- 15 POINTS

GEC has an excellent record of performance of engineering services contracts for various State, Local and Federal agencies. Our performances have produced professional consulting services on time and within budget without delays or controversy. We maintain an excellent reputation, and have performed similar work for Jefferson Parish in addition to many local agencies. We encourage the selection committee to contact references for all projects listed in Section L.

“

Under Mr. Bourgeois' guidance, GEC has provided an array of engineering services to us. Throughout my tenure, GEC's services have been prompt, thorough, accomplished our goals, and within budget.”

*Greater New Orleans Expressway Commission,
Carlton Dufrechou*

We appreciate the Selection Committee's review of our extensive qualifications and look forward to the opportunity to work with Jefferson Parish on this as-needed contract.

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

Name:	Public Address:
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G.E.C., Inc.	8282 Goodwood Boulevard Baton Rouge, Louisiana 70806
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License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0001917	Active	11/15/1994	03/31/2025	Mr. Many Marshall Heymann # PE.0035554 ; Mr. Cary Allen Bourgeois # PE.0023414

