

CONTRACT NOS. 4400035710 AND 4400035711

IDIQ CONTRACTS FOR ENVIRONMENTAL SERVICES STATEWIDE

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



LOUISIANA INTERNATIONAL TERMINAL (LIT) ENVIRONMENTAL ASSESSMENT - CONCEPTUAL RENDERING OF PLANNED FACILITY



G.E.C., INC.

8282 GOODWOOD BLVD.
BATON ROUGE, LOUISIANA 70806
225-612-3000

July 28, 2026

**RE: CONTRACT NOS. 4400035710 AND 4400035711
IDIQ CONTRACTS FOR ENVIRONMENTAL SERVICES, STATEWIDE**

Louisiana Department of Transportation and Development
1201 Capitol Access Road
Baton Rouge, LA 70802-4438

Dear Ms. Daigle and Project Evaluation Team,

G.E.C., Inc. (GEC) has assembled a highly qualified team with demonstrated experience delivering the full range of environmental services identified in LADOTD's Statewide Environmental Services IDIQ. GEC provides leadership in NEPA documentation, environmental permitting, agency coordination, environmental analyses, and project management. To complement GEC's capabilities, our team includes nationally recognized specialists in key technical disciplines, including:

- **Bowlby & Associates, Inc.** (air quality and noise analyses)
- **The Lakvold Group, LLC** (conceptual stage relocation and real estate services)
- **Franklin Associates, LLC** (public involvement and stakeholder engagement)
- **Gresham Smith** (traffic and conceptual engineering)
- **Providence Engineering and Environmental Group LLC** (cultural resources, biological services, wetlands permitting, and environmental field investigations)

Our team currently supports environmental compliance, NEPA documentation, permitting, public involvement, and project development activities on several of Louisiana's highest-profile transportation and infrastructure programs.

As a professional engineer with 13 years of civil and environmental engineering experience, I will lead the GEC team which has been assembled with the goals and needs of this IDIQ contract in mind. I serve as Vice President of GEC's Coastal, Environmental, and Water Resources Division, and have experience on significant projects including the Mid-Barataria Sediment Diversion EIS, the Louisiana International Terminal Environmental Assessment, the I-10 Baton Rouge Widening CMAR project, and the IJIA OSBR program.

The enclosed project experience demonstrates GEC's ability to successfully deliver the full range of services required under this contract. From environmental clearance for 13 bridge replacements under LADOTD's IJIA Off-System Bridge Program, to NEPA reevaluations and environmental compliance management on the I-10 Widening CMAR Program, to preparation of Environmental Assessments and Environmental Impact Statements for some of Louisiana's most complex infrastructure projects, GEC has consistently delivered technically sound environmental solutions that support project advancement and timely implementation.

Collectively, GEC and its specialty subconsultants provide LADOTD with a proven, scalable team capable of supporting the full spectrum of environmental services identified in the RFQ. We appreciate the opportunity to submit our qualifications and look forward to continuing our long-standing partnership with LADOTD in advancing transportation projects throughout Louisiana.

Sincerely,

G.E.C., Inc.

Bliss Bernard, PE, CEP

Vice President, Coastal, Environmental, and Water Resources Division

Celebrating 40 years of **PROGRESS DELIVERED**

Delivering Louisiana's Most Complex Environmental Programs

From Categorical Exclusions and Environmental Assessments to complex Environmental Impact Statements, CMAR delivery, environmental permitting, public involvement, and agency coordination, the GEC Team provides LADOTD with proven expertise across every environmental service category identified in the RFQ.

**GEC**

- Established in 1986 in Baton Rouge, LA
- Experienced in providing all levels of NEPA analysis including CE, EA, EIS, and re-eval.
- 2 Former LADOTD Secretaries, 1 Former LDEQ Secretary, and 1 former CPRA Chairman on staff
- Environmental Program Manager for LADOTD's TIMED Program

**BOWLBY**

- Completed noise and air quality studies for 5 LADOTD EA/EIS projects since 2019 including I-10 Widening in Baton Rouge and I-49 Inner City Connector in Shreveport
- Experts in the use of the FHWA Traffic Noise Model (TNM) versions 2.5 and 3.2
- Staff have 75+ years of combined experience conducting highway traffic noise analyses using TNM

**LAKVOLD**

- Founded in Baton Rouge, Louisiana in 2000
- Completed CSRP on 11 LADOTD EA projects
- Consultant on CSRP on Loyola Drive Interstate 10 Interchange
- 40 years of experience as a real state appraiser

**PROVIDENCE**

- Authored more than 20 reports for transportation projects - nearly 60% were in the capital region including the high-profile I-10: LA 415 to Essen Lane EA
- Founded in Baton Rouge, LA in 2000
- Over 20 years conducting NEPA services, ESAs, and Natural Resources Services

**GRESHAM SMITH**

- 10 LA-licensed PES in the Baton Rouge office
- Founded in Nashville, TN in 1967
- Traffic staff with 50 combined years performing highway safety analyses
- Staff with 42+ combined experience managing traffic engineering projects

**FRANKLIN**

- Leading stakeholder engagement for I-10 Widening CMAR
- Extensive LADOTD public involvement and agency coordination experience (16+ years)
- 20 years of experience conducting over 6,500+ in-person engagements
- Trusted communications partner on LA's highest-profile transportation projects

DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

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

1. Contract Name as shown in the advertisement	IDIQ CONTRACTS FOR ENVIRONMENTAL SERVICES STATEWIDE
2. Contract Number(s) as shown in the advertisement	4400035710 AND 4400035711
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (name must match <u>exactly</u> as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; <u>include screenshot from SOS at the end of Section 20</u>)	G.E.C., Inc.
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.0001917
6. Prime consultant mailing address	8282 Goodwood Blvd., Baton Rouge, LA 70806
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	8282 Goodwood Blvd., Baton Rouge, LA 70806
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Bliss Bernard, Vice President, (225) 612-4103, bbernard@gecinc.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Bliss Bernard, Vice President, (225) 612-4103, bbernard@gecinc.com

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

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

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



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

July 28, 2026

Date:

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

FIRM(S):
N/A

FIRM(S)' %
N/A

Discipline(s)	% of Overall Contract	G.E.C., Inc. (Prime)	Bowlby & Associates, Inc.	The Lakvold Group, LLC	Franklin Associates, LLC	Gresham Smith	Providence Engineering and Environmental Group LLC	Each Discipline must total to 100%
Environmental	55.000%	70.00%	5.00%		15.00%		10.00%	100.000%
Traffic	15.000%					100.00%		100.000%
Planning	10.000%	60.00%				40.00%		100.000%
Road	8.000%	100.00%						100.000%
Bridge	8.000%	100.00%						100.000%
Appraiser	4.000%			100.00%				100.000%
Identify the percentage of work for the <u>overall contract</u> to be performed by the prime consultant and each sub-consultant.								
Percent of Contract	100.000%	60.500%	2.750%	4.000%	8.250%	19.000%	5.500%	100.000%

Firm name	DOTD Job Classification	Number of personnel <u>committed</u> to this contract*	Total number of personnel available in this DOTD Job Classification (if needed)
G.E.C., Inc.	Principal	3	3
	Supervisor-Eng	4	3
	Supervisor-Other	1	9
	Environmental Manager	2	2
	Engineer	3	3
	GIS Analyst	2	2
	Geologist	2	2
	Environmental Pro	5	5
	CADD Operator	1	4
	Biologist/Wetlands	1	1
Bowlby & Associates, Inc.	Environmental Manager	1	1
	Environmental Pro	2	2
The Lakvold Group, LLC	Professional	1	1
Franklin Associates, LLC	Other (Public Outreach and Relations Support)	4	21
Gresham Smith	Clerical	1	1
	Engineer	4	8
	Engineer Intern	3	8
	Principal	1	1
	Professional	1	2
	Senior Technician	1	3
	Supervisor - Eng	4	6
Providence Engineering and Environmental Group LLC	Geologist	2	3
	Biologist/Wetlands	3	5
	Archaeologist	2	4
	Historian	1	1

*For evaluation purposes only, and as referenced in the Scope of Services on page 2 of IDIQ advertisements only, the consultant shall assume the number of concurrently active task orders specified in the advertisement and shall identify the number of committed personnel accordingly.

SF 24-102 SECTIONS

14-16

I-10 WIDENING CMAR, BATON ROUGE



WHAT THEY'RE SAYING

Past LADOTD Environmental Project Managers have stated the following about GEC's proposed Project Manager:

Bliss was continuously proactive in handling all issues that were uncovered throughout the process. Bliss was pre-emptive in identifying solutions. Deliverables were always on time pending DOTD or FHWA reviews. Communication with DOTD was above and beyond on a regular basis, relevant, and informative. Extremely cooperative with DOTD; adapts to changes in project issues through innovation; cooperates with all parties and creatively works within scope of services to resolve issues. Consultant was key in resolving sub-consultant issues throughout the NEPA process."

LEGEND

- * Fulfills MPR
 - Work Zone Training
 - TEPR Training
 - * Traffic Analysis/QC
 - part time/contract emp. (PT)
 - Major Task Lead in *blue*
- All personnel employed by GEC, unless noted:
- (1) Bowlby
 - (2) Lakvold
 - (3) Franklin
 - (4) Gresham Smith
 - (5) Providence



PRINCIPAL-IN-CHARGE



Sherri LeBas, PE

PROJECT MANAGEMENT TEAM



PROJECT MANAGER
Bliss Bernard, PE, CEP ••*



DEPUTY PROJECT MANAGER
Nicole Forsyth, EI



PROJECT CONTROLS MANAGER
Chelsea Crawford

QA/QC & TECHNICAL ADVISORS



Sherri LeBas, PE



Bijan Sharafkhani, PE



Cary Bourgeois, PE



Chuck Carr Brown, PhD

PEL / NEPA / ENVIRONMENTAL



Nicole Forsyth, EI

**PLANNING, ENVIRONMENTAL SCREENING,
 NEPA DOCUMENTATION & TECHNICAL
 ASSISTANCE**

Bliss Bernard, PE, CEP ••*
Chelsea Crawford
Sarah Sullivan
Sherri LeBas, PE
B. Keith Boneke, PMP

**WOTUS, WETLANDS, PERMITTING, T&E,
 BIOLOGICAL**

Barry McCoy *
Jason Avant
Sarah Sullivan
Chad Turner (5) *
Christopher Coyne (5) *
Rebecca Milano, PWS (5)

CULTURAL RESOURCES

Elizabeth Hunt, RPA (5) *
Christine Halling, RPA (5)
Morgan Granger, MSHP (5) *
**HAZARDOUS MATERIALS, REGULATORY,
 WATER QUALITY**

Bijan Sharafkhani, PE
Will Grant (PT)
Ashlyn Harmon, PhD
Emily Welch, PG
Clinton Wallace, PG (5) *
**SECTION 4F, 6F, COMMUNITY IMPACT
 ASSESSMENTS, VISUAL**
Bliss Bernard, PE, CEP ••*
Chelsea Crawford
Don Morris (PT)

**COASTAL ZONE, FLOODPLAINS, H&H
 MODELING**

Mario Durbic
Derek Miller
Jonathan Puls, PE

NAVIGATION & USCG PERMITS

Kevin Horn, PhD (PT)

AIR & NOISE

Darlene Reiter, PhD, PE (1) *
Rennie Williamson (1)
Geoffrey Pratt, PE (1) *

GEOLOGY

Michael Simms, PG
Emily Welch, PG
Andrew Creel, PG (5)

PDN / PROJECT DEVELOPMENT / ENGINEERING SUPPORT



Christopher Nipper, PE •*

TRAFFIC & SAFETY STUDIES

***Herbert "Bert" Moore,**
PE, PLS, PTOE (4) ••*
Rebecca Murray, P.E.,
PTOE, RSP1 (4) ••*
Alben Cooper, III, P.E.,
PTOE (4) •

Tom Swanson, PE, PTOE ••

**ALTERNATIVES DEVELOPMENT,
 CONCEPTUAL ENGINEERING**
Christopher Nipper, PE ••*
Jerome Lohmann, PE •
Keith Rebello, PhD, PE *
Varaprasad Venkata, PE

**CONCEPTUAL STAGE RELOCATION/REAL
 ESTATE**

Angela Lemoine-Lakvold (2) *

**EMERGENCY & EXPEDITED ACTIONS /
 ALTERNATIVE DELIVERY**

Sherri LeBas, PE
Cary Bourgeois, PE

**GIS / CADD DATABASES, VISUAL
 RENDERINGS**

Carlos Perez, GISP
Ryleigh Valley (PT)
Dawn Roshto

PUBLIC INVOLVEMENT & AGENCY COORDINATION



James Taylor, MLA, AICP (3) *

Angela Noote (3)
Laura Livingston, MS, PMP (3)
Crystal Bennett (3)

Bliss Bernard, PE, CEP ••*
Sherri LeBas, PE

MPR No. DO NOT INSERT WORDING FROM AD	Personnel being used to meet the MPR (INDIVIDUAL(S) MAY NOT SATISFY MORE THAN ONE MPR UNLESS SPECIFICALLY ALLOWED BY ATTACHMENT B OF THE ADVERTISEMENT)	Firm employed by	Type of license and discipline meeting MPR/certification & number (EX: PE # - CIVIL)	State of license	License / certification expiration date
1	Bliss Bernard, PE, CEP		-	-	-
2	Bliss Bernard, PE, CEP		-	-	-
3	Darlene D. Reiter, PhD, PE		PE #101738 - Civil	TN	07/31/2026
4	Geoffrey Pratt, PE		PE #109132 - Civil	TN	01/27/2027
5	Will Grant		-	-	-
	Clinton Wallace, PG		Professional Geoscientist #1388	LA	01/10/2027
6	Richard "Barry" McCoy		-	-	-
	Chris Coyne		-	-	-
7	Richard "Barry" McCoy		-	-	-
	Chad Turner		-	-	-
8	Elizabeth Hunt, RPA		Registered Professional Archaeologist #17020	-	-
9	Morgan Granger		-	-	-
10	Christopher Nipper, PE		PE #43281 - Civil	LA	09/30/2027
11	Keith Rebello, PhD, PE		PE #24937 - Civil	LA	03/31/2027
12	Herbert "Bert" Moore II, P.E., PLS, PTOE		PE #31065 - Civil PLS #5043 PTOE #2728	LA LA International	09/30/2026 09/30/2026 09/30/2027
13	Rebecca Murray, P.E., PTOE, RSP1		PE #43788 - Civil PTOE #4861 RSP1 #611	LA LA International	03/31/2028 03/26/2029 04/05/2027
14	Angela Lemoine-Lakvold		General Real Estate Appraiser #G0575	LA	12/31/2027
15	James Taylor, MLA, AICP		-	-	-



PROJECT LEADERSHIP RESUMES

PRINCIPAL-IN-CHARGE

PROJECT MANAGEMENT TEAM (PROJECT
MANAGER, DEPUTY PROJECT MANAGER, PROJECT
CONTROLS MANAGER)

TECHNICAL ADVISORS

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

NAME	Bliss Bernard, PE, CEP	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	4
TITLE	Vice President, Coastal, Environmental, and Water Resources	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	8
DEGREE(S) / YEARS / SPECIALIZATION	B.S. / 2014 / Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE	42709 / Louisiana / 03-31-2027		
YEAR REGISTERED	2018	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES	Role on this Project: Project Manager		
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	<i>Mrs. Bernard is a licensed Professional Engineer having over 12 years of experience in project management, engineering, environmental, water resources, transportation, public outreach, and planning. She has extensive knowledge, having 12 years of experience with National Environmental Policy Act (NEPA) regulations, and she has served as the Project Manager on numerous Environmental Assessments and Environmental Impact Statements for a variety of federal and state agencies, such as LADOTD, FHWA, USDA, NRCS, USACE, NPS, NRDA, LATIG, and CPRA. Her successful experience with various agencies and multi-disciplinary environmental studies brings a unique expertise, broader knowledge, and the ability to manage a range of NEPA Projects. She has completed the ATSSA Traffic Control Technician, Traffic Control Supervisor, and Certified Flagger training courses, NHI Course 142005 NEPA & the Transportation Decision-Making Process, the LADOTD Highway Safety Manual Course, and the LADOTD TEPR Training Class Modules 1, 2, and 3.</i>		
10/22-Present SECTION 17 PROJECT	LADOTD S.P. NO. H.004100 / I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12: Baton Rouge, LA. Project Engineer - As part of GEC's role as a sub-consultant on the I-10 Widening CMAR Project, Mrs. Bernard has led efforts in environmental compliance, permitting, and stakeholder coordination to support the planned widening of I-10 from LA 415 to Perkins Road. She assisted in preparing the Incident Management Plan for Phase 1 construction, which established a coordinated, multi-disciplinary framework for detecting, responding to, and clearing traffic incidents efficiently and safely. This included identifying emergency staging areas, detour and emergency access routes, and queue-clearing locations. Mrs. Bernard also prepared and submitted the U.S. Army Corps of Engineers permit for the LSU Lakes Bridge, and she has played a key role in public and stakeholder outreach by developing presentation materials and delivering project updates to keep stakeholders informed of progress. In addition, Mrs. Bernard authored the NEPA Re-Evaluation document addressing seven proposed corridor modifications along the I-10 corridor. She also prepared a standalone Section 4(f) Analysis, which evaluates potential impacts to publicly owned parks, recreation areas, wildlife and waterfowl refuges, and historic sites, ensuring compliance with federal requirements. In addition, she authored a standalone Community Impacts Analysis, formerly referred to as Environmental Justice, to evaluate how the project modifications may affect local neighborhoods, businesses, and community resources. All documents were submitted to FHWA and were approved.		
01/23-Present SECTION 17 PROJECT	LOUISIANA INTERNATIONAL TERMINAL (LIT) ENVIRONMENTAL ASSESSMENT: New Orleans, LA. QA/QC Manager - GEC is serving as the prime consultant in developing the Environmental Assessment for the new Louisiana International Terminal Port in Violet, LA on behalf of the Port of New Orleans. GEC is responsible for the overall development of the EA in order to secure necessary permits and permissions to construct the proposed LIT in St. Bernard Parish. Mrs. Bernard is serving as a QA/QC Manager and is directly responsible for the oversight of the hydraulics/hydrology, transportation, and coastal resource sections of the report. She has assisted in the development of the data gap analysis and affected conditions and will be responsible for analyzing environmental impacts and authoring the respective sections. She prepared a Section 4(f) Use Determination Memorandum for 10 properties, in which 9 did not require a use, and one property was determined to be a temporary use under 23 CFR §774.13(d). She prepared all required documentation and received concurrence through SHPO and MARAD.		
01/25-Present	LADOTD S.P. NO. H.011358 / US 190 (VINE STREET) RECONSTRUCTION ENVIRONMENTAL ASSESSMENT: Opelousas, St. Landry Parish, LA. Project Manager - GEC is the prime consultant in developing a Line and Grade Study and Environmental Assessment on behalf of LADOTD and FHWA for the reconstruction of US 190 (Vine Street) in Opelousas, LA. Mrs. Bernard is serving as the Prime Consultant Project Manager and is directly responsible for the overall development of the EA and associated technical studies in accordance with NEPA, and managing the overall project and the six subconsultants.		

FIRM EMPLOYED BY **G.E.C., Inc.**NAME **Bliss Bernard, PE, CEP**

Continued Resume

03/24-Present	LADOTD S.P. NO. H.004273.5 / I-49 CONNECTOR, LAFAYETTE REGIONAL AIRPORT TO I-10/I-49/US 167 INTERCHANGE: Lafayette, LA. <i>Project Manager/Engineer.</i> GEC is serving as a sub-consultant to Stantec for the I-49 Connector Project and provides program management and project controls, ITS design, road and bridge design, lighting and power systems design, environmental evaluations, and quality control. Mrs. Bernard is serving as an engineer and is developing the project management plan (PMP), assisting with the initial financial plan (IFP) and the cost and schedule risk assessment (CSRA).
06/22-01/23 SECTION 17 PROJECT	THIRD PARTY EIS FOR THE MID-BARATARIA SEDIMENT DIVERSION: Plaquemines Parish, LA. <i>Project Manager</i> - Mrs. Bernard served as a project manager on the project management team for the Mid-Barataria Sediment Diversion (MBSD) project. She assisted in the development of the cumulative impacts, water quality, and overall review of the FEIS. The EIS was prepared under the direction of USACE to aid in their decision-making regarding CPRA's permit application pursuant to Section 404 of the CWA, Section 10 of the Rivers and Harbors Act, and permissions under 33 U.S.C. Section 408. The EIS is assessing the potential negative and beneficial impacts associated with the construction and operations of the project. This highly publicized and controversial project includes 7 cooperating agencies, 10 commenting agencies, and 11 consulting tribes for the EIS and was placed on the permitting dashboard under the FAST-41 process, receiving authorization in December 2022.
05/26-Present	H.003771 LADOTD, I-10 AT LA 74 ENVIRONMENTAL ASSESSMENT: Ascension Parish, LA. <i>Project Manager</i> - Ms. Bernard serves as Project Manager for the prime consultant, providing overall leadership, coordination, and successful delivery of the project from initiation through completion. She oversees all aspects of project execution, including management of multidisciplinary technical teams and five subconsultants, project schedule and budget control, compliance with LADOTD, FHWA, and applicable design standards, and implementation of the project's QA/QC program. On behalf of LADOTD and FHWA, she leads GEC's efforts in delivering the Line and Grade Study and Environmental Assessment (EA) for the proposed I-10 and LA 74 interchange in Ascension Parish, directing the development and integration of roadway design, traffic analysis, interchange configurations, ramp geometry, striping and signing layouts, and the refinement of conceptual alternatives into constructible solutions that address operational, safety, right-of-way, drainage, and utility considerations. She also manages preparation of the EA and supporting technical studies in accordance with NEPA, ensuring full coordination between engineering, traffic, and environmental documentation, while leading stakeholder and public outreach efforts and ensuring all deliverables meet contractual requirements, established standards, and the highest level of professional quality.
06/14-05/16	H.004985 I-12 TO BUSH ENVIRONMENTAL IMPACT STATEMENT (EIS): Bush, LA. <i>Project Manager</i> - Mrs. Bernard was responsible for various tasks such as: public outreach, environmental documentation, technical studies, and developing the draft and final EIS as required by NEPA on this environmental impact statement (EIS). Mrs. Bernard was a sub-consultant to Tetra Tech, Inc. to complete a 3rd party EIS for a proposed 4-lane highway from Bush, Louisiana to I-12, providing NEPA, development of the EIS document, public outreach, roadway design, and H&H studies. (Work done prior to GEC).
05/17-05/20	H.001271 CANE RIVER BRIDGE CHURCH STREET ENVIRONMENTAL ASSESSMENT: Natchitoches Parish, LA. <i>Deputy Project Manager/Project Manager</i> - Mrs. Bernard served as Project Manager for the Prime Consultant on the Cane River Bridge Environmental Assessment in Natchitoches, Louisiana, leading the planning, engineering, environmental, and public outreach efforts necessary to support LADOTD and FHWA's environmental decision-making process under NEPA. She directed and coordinated the development of key technical studies, including the line and grade study, GIS mapping, wetland delineation, threatened and endangered species assessments, Phase I Environmental Site Assessment, air and noise analyses, and cultural resources surveys. Mrs. Bernard managed extensive stakeholder, agency, and community engagement initiatives, preparing reports, presentations, mailers, web content, public meeting materials, and hearing documentation while leading all public involvement activities. She compiled and integrated the required technical and environmental studies into the Final Environmental Assessment, developed Louisiana's first known LADOTD and FHWA-approved Section 4(f) Net Benefit Determination, coordinated directly with agency leadership throughout the process, and prepared the Finding of No Significant Impact (FONSI), which was approved by FHWA and LADOTD and subsequently used as a template for future LADOTD projects. The project received an LADOTD Environmental Rating of 4.8 out of 5.0, with commendations highlighting her proactive problem-solving, timely deliverables, exceptional communication, adaptability, innovation, and leadership in resolving project and subconsultant challenges throughout the NEPA process. (Work done prior to GEC).

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

NAME	Nicole Forsyth, EI	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	11
TITLE	NEPA Specialist / Project Manager	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	13
DEGREE(S) / YEARS / SPECIALIZATION	B.S. / 2001 / Environmental Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE	19841 / Louisiana / 09-30-2027		
YEAR REGISTERED	2001	DISCIPLINE	Engineer Intern
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES	Role on this Project: Deputy Project Manager		
EXPERIENCE DATES (MM/YY–MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., “DESIGNED DRAINAGE”, “DESIGNED GIRDERS”, “DESIGNED INTERSECTION”, ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	<i>Ms. Forsyth has worked as an environmental professional in the public and private sector for over 20 years. During her career, she has managed National Environmental Policy Act (NEPA) projects for various types of projects including transportation, military facilities, USACE civil works (including levees and dams) and regulatory projects, and coastal resource projects. Her expertise is in the overall project management, preparation, and review of NEPA documents (EISs, EAs, CEAs) along with Noise and Air Studies, and Phase I Environmental Site Assessments. Her expertise also lies in multi-agency permitting and Section 10/404/408 compliance. Her experience includes tasks such as overall project management, schedule and budget management, managing multidisciplinary teams, coordination with multiple agencies, public involvement, and environmental impacts analysis following NEPA regulations.</i>		
02/17-02/23 SECTION 17 PROJECT	THIRD PARTY EIS FOR THE MID-BARATARIA SEDIMENT DIVERSION: Plaquemines Parish, LA. Senior Project Manager - Ms. Forsyth served as the senior project manager on the GEC Team leading development of a Third-Party EIS for the MBSD Project proposed by CPRA. The EIS was prepared under the direction of USACE, New Orleans District, to aid in their decision-making regarding CPRA's permit application pursuant to Section 404 of the Clean Water Act (CWA) and Section 10 of the Rivers and Harbors Act, and permissions under 33 U.S.C. Section 408. The Third-Party EIS assessed the potential negative and beneficial impacts associated with the construction and operation of the project and was consistent with the DWH PDARP/PEIS and associated ROD. This highly publicized and controversial project included seven cooperating agencies, 10 commenting agencies, and 11 consulting tribes for the EIS and was placed on the Permitting Dashboard under the FAST-41 process.		
07/24-Present SECTION 17 PROJECT	LADOTD S.P. NO. H.004100 / I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12: Baton Rouge, LA. NEPA Specialist - Mrs. Forsyth assisted with the preparation of the NEPA re-evaluation document. She also assisted in the determination of properties that could potentially have cultural resources impacts under Section 106 for LADOTD's coordination with SHPO. She also helped to identify properties that would need to have a Section 4(f) evaluation performed and assisted with the Section 4(f) documentation that was submitted to FHWA.		
11/22-Present SECTION 17 PROJECT	LOUISIANA INTERNATIONAL TERMINAL (LIT) ENVIRONMENTAL ASSESSMENT: New Orleans, LA. Deputy Project Manager - GEC is serving as the prime consultant in developing the Environmental Assessment (EA) for the new Louisiana International Terminal (LIT) Port in Violet, LA on behalf of the Port of New Orleans. The Port of New Orleans is investing in a new \$1.8 billion container terminal project—The Louisiana International Terminal – to serve vessels of all sizes, providing goods to support Louisiana's homes and businesses. GEC is preparing a detailed impact analysis for the proposed terminal in accordance with the NEPA and is conducting a range of studies addressing concerns raised by the public. GEC is responsible for the overall development of the EA in order to secure necessary permits and permissions to construct the proposed LIT in St. Bernard Parish. Ms. Forsyth is assisting the Project Manager with day-to-day project management, attending management meetings and corresponding with the client, development and ongoing updates to the project schedule, management of subconsultants, and preparation of sections of the EA.		
10/15-05/17 SECTION 17 PROJECT	LADOTD S.P. NO. H.004987 / US 190 / COLLINS BOULEVARD WIDENING (LA 25 TO US 190B): Covington, LA. NEPA Specialist - Ms. Forsyth participated in the preparation of an Environmental Assessment (with Finding of No Significant Impact) and Line and Grade Study to widen approximately three miles of U.S. 190 in Covington. She assisted with the overall development of the EA report, technical reports, FONSI, and interagency coordination and analyses of project impacts on wetlands, land use and community character, economic activities, cultural and recreational resources, Sections 4(f) and 6(f), noise and air impacts, floodplains, demographics and environmental justice, relocations of homes and businesses, and T&E species and their habitat.		

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

NAME	Nicole Forsyth, EI <i>Continued Resume</i>
05/26-Present	LA TIG RESTORATION PLAN AND ENVIRONMENTAL ASSESSMENT #9 (CPRA): LA Coastwide. <i>Project Manager</i> - Ms. Forsyth serves as a project manager on the Fields Environmental Team for this Restoration Plan/Environmental Assessment (RP/EA #9). Along with the Sr. Project Manager, Ms. Forsyth is responsible for the preparation of the Restoration Planning process and NEPA documentation. Ms. Forsyth will participate in the screening process, data gap analysis, alternatives development, public review meetings and outreach, and draft and final RP/EA.
07/24-Present	SOUTHWEST ARKANSAS RED RIVER NAVIGATION FEASIBILITY STUDY AND EIS: Arkansas and Louisiana. <i>NEPA Specialist</i> - The Arkansas Department of Agriculture Natural Resources Division has undertaken a feasibility study of a proposed water resources development project to extend shallow draft navigation up to 135 miles on the Red River from its present terminus at Shreveport, LA into Southwest Arkansas. GEC, as a subcontractor to Freese and Nichols, is preparing the Navigation Feasibility Study and EIS. Ms. Forsyth is responsible for performing technical reviews of Project impacts for the EIS and preparing the Other Social Effects section.
08/23-Present	WARD CREEK DISTRIBUTED DETENTION PROJECT: East Baton Rouge Parish, LA. <i>NEPA Practitioner</i> - The Ward Creek Distributed Detention Project is located in the Ward Creek watershed, which covers approximately 45 square miles in East Baton Rouge Parish, Louisiana. The project aims to identify multiple detention sites that will reduce peak water surface elevations such that the economic, social, and environmental benefits outweigh the project costs. The project is funded through FEMA's Hazard Mitigation Grant Program (HMGP) and the Office of Community Development (OCD) Community Development Block Grant (CDBG). Ms. Forsyth served as a senior NEPA practitioner in the preparation of this EA.
2019	U.S. FOREST SERVICE SOCIA BRANCH TRAIL ENVIRONMENTAL ASSESSMENT: Grant Parish, LA. <i>NEPA Specialist</i> - Ms. Forsyth assisted the USFS in preparing for and facilitating public scoping meeting open houses within the project area. This included preparing graphics, handouts, venue coordination, and greeting the public. She also prepared a scoping analysis that categorized and analyzed over 100 public scoping comments that were received during the public outreach period.
10/15-05/16	LADOTD S.P. NO. H.004983 / US HWY 11 WIDENING (LAKE PONTCHARTRAIN – SPARTAN DRIVE): Slidell, LA. <i>NEPA Specialist</i> - Ms. Forsyth prepared an EA for the New Orleans Regional Planning Commission (NORPC) in compliance with FHWA NEPA requirements for the widening of US Highway 11 in Slidell, LA. Her tasks included interagency coordination and analyses of project impacts on wetlands, land use and community character, economic activities, cultural and recreational resources, Sections 4(f) and 6(f), noise and air impacts, floodplains, demographics and environmental justice, relocations of homes and businesses, and endangered or threatened species and their habitat. Required environmental studies included, among other tasks, wetlands, threatened and endangered species, floodplains, and a Phase I ESA.
2015-2016	LADOTD S.P. NO. H.004273.5 / I-49 CONNECTOR, LAFAYETTE REGIONAL AIRPORT TO I-10/I-49/US 167 INTERCHANGE: Lafayette, LA. <i>Environmental Professional</i> - Ms. Forsyth prepared a Phase I ESA for the I-49 Connector. The Phase I ESA was performed in accordance with the ASTM E 1527-13 standard. Federal, state, and local environmental databases were reviewed, historical records were researched, pertinent persons were interviewed, and a site reconnaissance was performed. Recognized environmental conditions were determined during assessment and were provided in a Phase I ESA report.
2019	PUBLIC INFORMATION OPEN HOUSE (PIOH), LIVINGSTON PARISH AIRPORT ENVIRONMENTAL ASSESSMENT: Livingston, LA. <i>Public Outreach Coordinator</i> - Ms. Forsyth assisted LPAD with conducting the public outreach in accordance with FAA for the proposed project. This included all activities associated with preparing for and conducting a Public Information Open House (PIOH) in the project area.
01/15-Present	CONSULTING ENGINEER (ENVIRONMENTAL): St Tammany and Jefferson Parishes, LA. <i>NEPA Specialist</i> - Ms. Forsyth serves as NEPA Specialist for improvements to the Causeway. She provides regulatory stakeholder solicitation, environmental field investigations and assessments, and NEPA documentation. Several projects have been documented as Categorical Exclusions (CE) since 2011. GEC documented these CE projects in accordance with the DOTD's Environmental of Standard Practice guidance regarding Stage 0 – Feasibility and Stage 1 – Planning/Environmental processes. GEC prepared preliminary Purpose and Need Statements, assessed alternatives, and identified potential environmental constraints using DOTD's Environmental Determination Checklist. GEC prepared and conducted regulatory Solicitations of Views, prepared responses to regulatory comments/guidance, prepared wetland/water body survey reports and prepared Coastal Use Permit applications.

FIRM EMPLOYED BY G.E.C., Inc.			
NAME	Chelsea Crawford		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	NEPA Specialist / Project Manager		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.A. / 2008 / English	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A	
YEAR REGISTERED	N/A	DISCIPLINE	N/A
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Project Controls Manager	
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	<i>Ms. Crawford is a NEPA Specialist and Project Manager with extensive experience supporting the planning, environmental review, permitting, and delivery of complex infrastructure and public-sector projects. She specializes in project controls, multidisciplinary coordination, and management of environmental documentation developed in accordance with NEPA and other federal and state regulatory requirements. She also oversees project schedules, deliverable tracking, quality control processes, agency coordination, and document management systems to ensure projects remain on schedule, within budget, and compliant with applicable requirements. She has supported and managed environmental studies involving transportation, port development, water resources, flood risk reduction, land use planning, cultural resources, and public involvement programs. Her experience coordinating technical teams across multiple disciplines provides her with a strong understanding of engineering, environmental compliance, permitting, stakeholder engagement, and project delivery, enabling her to effectively integrate technical information, manage project workflows, and support successful project implementation from initiation through environmental clearance and final delivery.</i>		
01/23-Present SECTION 17 PROJECT	LOUISIANA INTERNATIONAL TERMINAL (LIT) ENVIRONMENTAL ASSESSMENT: New Orleans, LA. Project Manager - GEC is serving as the prime consultant in developing the EA for the new Louisiana International Terminal Port in Violet, LA. Ms. Crawford is leading the completion of all NEPA and permitting requirements on behalf of the Port of New Orleans. She is also responsible for contract management and is the primary point of contact with the Port.		
03/21-Present SECTION 17 PROJECT	LADOTD S.P. NO. H.004100 / I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12: Baton Rouge, LA. Document Control/Management Support - This project is for design services for the widening of the Interstate 10 corridor from LA 415 to Essen Lane on I-10 & I-12 in Baton Rouge. Ms. Crawford maintains all project documentation, including logs, forms, rosters, correspondence, and submittals, on the team SharePoint and OneNote websites and coordinates the recording, filing, and distribution of meeting agendas and minutes.		
05/23-07/23	HUD EA FOR PROPOSED MORNINGSIDE RESIDENTIAL PROJECT AND RESERVE AT POWER PLACE RESIDENTIAL PROJECT: Lake Charles, LA. NEPA Specialist/Project Manager - GEC developed two environmental assessments for two sites located in Lake Charles, Louisiana: the 8.0-acre Gerstner Memorial Drive site and the 11.8-acre Power Center Parkway site. Both sites are currently vacant land, upon which a multi-family housing development is planned for construction. GEC ensured the subject properties were in compliance with 24 CFR Part 58, NEPA, and the environmental requirements of other federal laws. Ms. Crawford performed research and authored the socioeconomic, environmental justice, and community facilities and services sections of the environmental assessments in accordance with HUD regulations. Ms. Crawford was also responsible for compiling all sections of the EA and supporting documents, reviewing for accuracy, and uploading the sections for submittal into the HUD Environmental Review Online System (HEROS). The EA included the completion of an Environmental Assessment Signature Form, Environmental Assessment Checklist, documentation of compliance with other federal laws through the completion of the Worksheet for Preparing 24 CFR 58.5 Statutory Checklist, a completed Statutory Checklist using documentation obtained during the completion of the Statutory Worksheet, documentation of compliance with Part 58.6, a detailed description of the project, evidence of publication, and distribution of the combined Notice of Finding of No Significant Impact (FONSI) and Intent to Request Release of Funds. The EA was submitted on schedule and within budget.		
08/23-Present	WARD CREEK DISTRIBUTED DETENTION PROJECT: East Baton Rouge Parish, LA. Project Manager - The Ward Creek Distributed Detention Project is located in the Ward Creek watershed, which covers approximately 45 square miles in East Baton Rouge Parish, Louisiana. The project aims to identify multiple detention sites that will reduce peak water surface elevations such that the economic, social, and environmental benefits outweigh the project costs. The project is funded through FEMA's Hazard Mitigation Grant Program (HMGP) and the Office of Community Development (OCD) Community Development Block Grant (CDBG). Ms. Crawford is leading the completion of the environmental assessment in accordance with FEMA regulations.		

FIRM EMPLOYED BY G.E.C., Inc.				
NAME	Sherri LeBas, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	10
TITLE	Executive Vice President		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	31
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1985 / Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		23844 / Louisiana / 03-31-2027		
YEAR REGISTERED	1990	DISCIPLINE	Civil Engineer	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Principal-in-Charge, Technical Advisor		
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).			
	<i>Ms. LeBas is Executive Vice President of GEC. She is a professional civil engineer with 41 years of experience designing and managing numerous projects and programs during her career in Louisiana state government and private industry. During her tenure at LADOTD, Ms. LeBas designed and managed projects for a combined 14 years in the Road Design Section which led to serving as a facilitator for the Change Management Program, Assistant to the Secretary for Policy, Deputy Secretary and then Secretary for 6 years from 2010 to 2016. From 1998 to 2003, Ms. LeBas managed projects funded through Capital Outlay at the Louisiana State Division of Administration, Facility Planning and Control. In May of 2016, Ms. LeBas brought her skills and experience to GEC providing leadership oversight and Project Management for large-scale projects. She also routinely meets with public officials and other stakeholders to discuss policy and resources required for infrastructure. Additionally, Ms. LeBas discusses opportunities for teaming with other consulting firms to present and provide a client with the best team possible to provide outstanding services and deliverables.</i>			
09/20-Present SECTION 17 PROJECT	LADOTD S.P. NO. H.004100.5 / I-10, LA 415 TO ESSEN LANE ON I-10 AND I-12: Baton Rouge, LA. Assistant Project Manager - Ms. LeBas serves as Assistant Project Manager for this alternative delivery LADOTD CMAR project overseeing the public outreach and context sensitive solutions and community connections for this widening project through the heart of the urban area of Baton Rouge. As a liaison for the project, she meets with residential and business owners whose property is affected by the project, the public, public officials, and stakeholders, providing them with information regarding the project. She oversees, assists with, and provides information for the development of graphics and project narratives for public meetings, the I10BR.Com project website, and information for LADOTD's use to inform the media of project updates, which includes design and construction activities. In addition, Ms. LeBas develops and presents information regarding the status of the project at conferences and to stakeholders. She also leads the development of updates to the Design Quality Manual. Ms. LeBas developed and provides annual updates to the PMP, Financial Plan (including Initial Financial Plan (IFP), and Financial Plan Annual Update (FPAU)) in coordination with the CSRA Document. She provides oversight of the document control and manages the project's Decision Log. Ms. LeBas is managing the NEPA reevaluation process for project modifications. Ms. LeBas provides oversight for the Context Sensitive Solutions, which includes collaboration with sub-consultant Reich Landscape Architect in the design of the Greenway multi-use path and amenities for the community provided in this project. In addition, Ms. LeBas also provides management oversight of the design elements being designed by GEC engineers which includes all aesthetic lighting at the City Park Lake Bridge and underpasses and pedestrian lighting for the Greenway multi-use path throughout the entire project length, from the Expressway Park to Dalrymple Drive. Additional design services include retaining wall, bridge, and noisewalls and coordination with roadway and overall design elements.			
08/20-04/25	LADOTD S.P. NO. H.013897 / I-10 & I-12 COLLEGE DR FLYOVER RAMP DESIGN-BUILD: Baton Rouge, Louisiana. Quality Design Manager - Ms. LeBas provided management of the quality design reviews for the Boh Bros/GEC Design Build team. For this LADOTD Design-Build project, GEC oversees the processes included in the Design Quality Manual for the design reviews for roadways, bridges, lighting, intelligent transportation systems, drainage and noisewalls. GEC was responsible for engineering and design quality control services as necessary to complete design and construction.			
09/03-05/05	THE TIMED PROGRAM: Statewide, LA. Assistant Manager - Ms. LeBas was the assistant manager of the \$5.2 billion TIMED program from 2003 to 2005, which included managing finances and overseeing the Joint Venture, LTM, in the successful delivery of the roadway and bridge projects. Ms. LeBas was responsible for the financials working with the LADOTD Administration, LADOTD staff and the consultant LTM team. This included reviewing program changes, change orders, and total program costs from design through construction. In addition, Ms. LeBas worked with the LADOTD TIMED Program Manager in coordination with the LTM team for plan delivery and construction schedule. (work done prior to GEC)			

FIRM EMPLOYED BY G.E.C., Inc.				
NAME	Bijan Sharafkhani, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	2
TITLE	Vice President, Environmental Industrial		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	41
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1982 / Civil and Environmental Engineering; M.S. / 1988 / Civil and Environmental Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		24202 / Louisiana / 09-30-2027		
YEAR REGISTERED	1991	DISCIPLINE	Civil, Environmental	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Technical Advisor; Hazardous Materials, Regulatory, Water Quality		
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).			
	Mr. Sharafkhani serves as Vice President of GEC's Environmental Industrial Division. He is a licensed professional engineer in Louisiana with 43 years of experience in civil and environmental engineering fields. Prior to GEC, he served with the Louisiana Department of Environmental Quality (LDEQ) for more than 33 years as an engineer in the Waste Division, engineering supervisor, engineering manager, Division Administrator, and finally Confidential Advisor to the Secretary. In these various positions, he has established himself as a recognized authority in solid & hazardous waste, superfund, remediation of contaminated sites, permitting, design, construction, assessment, and management. He has successfully overseen numerous projects that demonstrate his ability to navigate complex regulatory frameworks, develop innovative solutions, identify potential risks, implement effective safety measures, and address various environmental challenges. Mr. Sharafkhani was one of the original team members who developed Risk Evaluation/Corrective Action Program (RECAP), the State of Louisiana's clean up standards for contaminated soil and groundwater. He is also certified in 40 hrs Hazardous Waste Operation & Emergency Response.			
2016-02/2023	LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ): Baton Rouge, LA. Confidential Advisor to the Secretary - Advised the Secretary on policy decisions, permitting, enforcement, regulatory and technical issues, legislative matters, and on short- and long-term planning. Work done prior to GEC.			
2006 – 2008	LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ): Baton Rouge, LA. Business, Community Outreach and Incentive Division, Administrator - Responsible for overall Division activities. Work done prior to GEC included: - Cleanwater State Revolving Loan Program, which provides low interest loan to governmental entities for wastewater improvement projects. Once the loan is approved, the recipient is required to meet all engineering, financial, legal and construction requirements. - Nonpoint Source Pollution Program, where the mission is to either fully or partially restore waterbodies that are impaired by non-point source pollution. - Small Business/Small Community Compliance Assistance Program, which provides environmental regulatory/permitting assistance to small businesses and municipalities.			
2006 – 2008	LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ): Baton Rouge, LA. Waste Division Administrator - As Administrator, he was ultimately responsible for overall activities of the Division. These activities included permitting decisions for all solid and hazardous facilities in the state, water quality certification, corrective measures for solid and hazardous facilities, and trial burns for incinerators, boilers, and industrial furnaces. Work done prior to GEC.			
2000 - 2006	LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ): Baton Rouge, LA. Engineer Manager, Technology Division - Mr. Sharafkhani was responsible for all engineering recommendations/decisions relating to design, construction and monitoring all solid waste facilities and hazardous waste landfills, and responsible for engineering recommendations associated with soil and groundwater remediation resulting from underground/above ground storage tanks and pipeline leaks. Work done prior to GEC.			
1995-2000	LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ): Baton Rouge, LA. Engineer Manager, Permits Section, Solid Waste Division - As Permits Section Manager, he was ultimately responsible for all decisions and recommendations made by this Section to the Division Administrator relating to permitting, construction, monitoring remediation of all solid waste facilities. Work done prior to GEC.			
1988-1995	LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ): Baton Rouge, LA. Engineer/Engineer Supervisor, Solid Waste Division - Mr. Sharafkhani performed and oversaw the engineering reviews associated with permitting, closure and design/construction of all solid waste facilities. Work done prior to GEC.			

FIRM EMPLOYED BY G.E.C., Inc.			
NAME	Cary Bourgeois, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Senior Vice President, Engineering Division		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1983 / Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		23414 / Louisiana / 09-30-2027	
YEAR REGISTERED	1989	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Technical Advisor; Emergency & Expedited Actions/Alternative Delivery	
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	As Senior Vice President of GEC's Engineering Division, Mr. Bourgeois provides Program Management and quality assurance on engineering design projects, including Roadway, Bridge, and Intelligent Transportation Systems (ITS) design. He is currently involved in supervising activities and performing design services on several large-scale projects for LADOTD. He has valuable experience in the design of drainage, and earthwork associated with bridge structures and roadways. Mr. Bourgeois also has experience in plan preparation, and construction inspection. He is familiar with AASHTO LRFD Bridge Design Specifications, AASHTO Policy on Geometric Design of Highways and Streets, Manual on Uniform Traffic Control Devices, the Highway Capacity Manual and the LRFD Specifications for Structural Supports for Highway Signs, Luminaries and Traffic Signals.		
08/23-Present SECTION 17 PROJECT	LADOTD S.P. NO. 4400025040 / I-10 OFF-SYSTEM BRIDGE PROGRAM, DISTRICT 61 LESS EBR: East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, & Assumption Parishes, LA. Principal-in-Charge – Mr. Bourgeois is the principal-in-charge of this project. GEC provided preliminary plans and preparation of final construction contract plans for the replacement of 13 off system bridges across seven Parishes. GEC also provided rebuilding of the approach roadways, as-designed LRFR Rating for the super- and sub-structures of these bridges, and drainage.		
08/20-04/25	LADOTD S.P. NO. H.013897 / I-10 & I-12 COLLEGE DR FLYOVER RAMP DESIGN-BUILD: East Baton Rouge Parish, LA. Design Manager - Mr. Bourgeois was responsible for the overall design and design quality control of this \$53,000,000 urban freeway transportation project which provided exit ramps that are separated from the merge of I-10 and I-12. To accomplish this, I-12 westbound was re-routed under a rebuilt I-10 westbound bridge. He oversaw the completion of Storm Water Pollution Prevention Plans (SWPPP) and permitting for all highway construction segments in accordance with DOTD standards. He also oversaw preparation of bridge plans including a 380' long two span continuous steel girder, roadway and maintenance of traffic plans, signing plans, retaining walls, noise barriers, lighting plans, and bridge structural rehabilitation plans. Construction was completed in April 2025.		
09/20-Present SECTION 17 PROJECT	LADOTD S.P. NO. H.004100.5 / I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12: West and East Baton Rouge Parishes, LA. Design Manager - Mr. Bourgeois is supervising the design of the new 550' long WB Washington St Off Ramp bridge. He managed the design of multiple types of retaining walls (MSE, Cantilever supported on drilled shafts, tangent drilled shaft walls and concrete faced steel sheet piles) and Load Transfer Platforms to mitigate settlement in high fill areas. He also managed the design of a two-span truss spanning a future widened I-10 near Dalrymple drive to support multiple Dynamic Message Signs as part of the ITS portion of this project. Additionally, Mr. Bourgeois oversaw production of an enhancement lighting study for Segment 1 of the urban freeway transportation project to incorporate aesthetic lighting at the City Park Lake Bridge and emphasize the Greenway path from the Expressway Park to the bridge.		
12/93-08/12	LADOTD S.P. NO. 700-28-0004 / US 71/165 FORT BUHLOW BRIDGE AND APPROACHES: Alexandria/Pineville, LA. Principal-in-Charge - This 2.28-mile-long multi-phase project provided for the construction of a new six-lane bridge over the Red River, access ramps for I-49 and local traffic, KCS railroad overpass and approach roadways. The project began with an Engineering Report consisting of a line and grade corridor study, traffic study and bridge feasibility study. An Environmental Assessment was developed concurrent with the engineering study. The project features a 1,000' three-span continuous steel plate girder unit over the Red River, supported on piers found in the river.		
03/95-06/10	LADOTD S.P. 450-15-0089 / CAUSEWAY BLVD. – 17TH STREET CANAL, ROUTE I-10: Metairie, LA. Engineer-of-Record - Mr. Bourgeois performed project management and 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 6 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.		

FIRM EMPLOYED BY G.E.C., Inc.			
NAME	Chuck Carr Brown, PhD		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Senior Vice President, Environmental Industrial		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1980 / Chemistry, M.A. / 1998 / Public Administration, Ph.D. / 2003 / Public and Environmental Policy	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A	
YEAR REGISTERED	N/A	DISCIPLINE	N/A
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Technical Advisor	
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	<i>Chuck Carr Brown, Ph.D. is Senior Vice President of GEC's Environmental Industrial Division. Dr. Brown, a dedicated promoter of comprehensive environmental protection in Louisiana, has 46 years of experience and a history of ensuring a clean and healthy environment for present and future generations. He is responsible for the overall growth of the firm's Environmental Industrial Division, along with developing new business opportunities and creating customized solutions for industrial clients. Most recently, Dr. Brown served as Secretary of the Louisiana Department of Environmental Quality (LDEQ), responsible for leading 715 employees and 6 regional offices with an annual budget of \$127 Million. Dr. Brown also served in the following roles prior to his role as Secretary of LDEQ: Special Research Scientist for Exxon Mobil Chemical Company for over 20 years, former Vice President of Environmental Affairs Division for Franklin Industries, LLC, former Vice President of Metro Services Group, LLC, President and CEO of Brown and Associates, LLC, and Vice President of the Environmental Council of the States (ECOS), an organization whose membership comprises environmental regulators and professionals from across the United States. Research has shown that Dr. Brown is the first African American to serve in this capacity in Louisiana, only the third African American to serve in a similar position in the United States, and the first African American to be elected to an executive leadership position with ECOS.</i>		
01/16-03/23	LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY: Baton Rouge, Louisiana. Secretary - Responsible for facilitating the Department's Mission of providing service to the people of Louisiana through comprehensive environmental protection in order to promote and protect health, safety and welfare while considering sound policies regarding employment and economic development with a Vision of being a respected steward of the State's environment. Additionally, responsible for ensuring that the citizens of Louisiana have a clean and healthy environment to live and work in for present and future generations by regulating pollution sources, providing permitting activities consistent with laws and regulations, providing interface between the department and businesses and customers, conducting Inspections of permitted facilities and activities, responding to environmental emergencies, issuing sound enforcement actions when needed and supplying the resources to focus on the issues with the highest potential for environmental impact. All of which have National and International implications. Work done prior to joining GEC.		
04/13-01/16	METRO SERVICE GROUP, LLC: New Orleans, Louisiana. Vice President - Responsible for managing all environmental and environmental affairs issues, small community concerns, public participation and public outreach initiatives on all projects proposed by the Metro Service Group. The Metro Service Group is responsible waste collection within the City of New Orleans and served as one of the prime contractors during the construction of the City's new International Airport. Work done prior to joining GEC.		
03/04- 01/08	LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY: Baton Rouge, Louisiana. Assistant Secretary Office of Environmental Services - Responsible for the issuance of all air, water, and waste permits within the State of Louisiana. Responsible for regulating pollution sources; conducting permitting activities consistent with laws and regulations, providing an interface between the department, businesses and customers; providing outreach and educational materials to the public and businesses related to pollution, manifests, recycling, and litter; providing environmental assistance and improved public participation to small businesses, schools, supporting a complaints hotline, supporting community and industrial relations, providing technical guidance for permit applications; conducting permit tracking; and supplying the resources to focus on applications with highest potential for environmental impact. Additionally, while facilitating a 22-million-dollar budget and managing 216 employees, all permitting backlogs were eliminated, the creation of an expedited permitting program was achieved, and the statewide regionalization of wastewater treatment was initiated. Work done prior to joining GEC.		

PEL / NEPA / ENVIRONMENTAL RESUMES

PLANNING, ENVIRONMENTAL SCREENING, NEPA
DOCUMENTATION & TECHNICAL ASSISTANCE

WOTUS, WETLANDS , PERMITTING, T&E,
BIOLOGICAL

CULTURAL RESOURCES

HAZARDOUS MATERIALS, REGULATORY, WATER
QUALITY

SECTION 4F, 6F, COMMUNITY IMPACT
ASSESSMENTS, VISUAL

COASTAL ZONE, FLOODPLAINS, H&H MODELING

NAVIGATION & USCG PERMITS

AIR & NOISE

GEOLOGY

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

NAME	Sarah Sullivan	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	1
TITLE	Environmental Scientist	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	22
DEGREE(S) / YEARS / SPECIALIZATION	B.S. / 2001 / Zoology; M.S. / 2010 / Hispanic Studies		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE	N/A		
YEAR REGISTERED	N/A	DISCIPLINE	N/A
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES	Role on this Project: Planning, Environmental Screening, NEPA Documentation, Technical Assistance; WOTUS, Wetlands, Permitting, T&E, Biological		
EXPERIENCE DATES (MM/YY–MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., “DESIGNED DRAINAGE”, “DESIGNED GIRDERS”, “DESIGNED INTERSECTION”, ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	<i>Ms. Sullivan is an Environmental Scientist with more than 20 years of experience supporting environmental compliance, permitting, and resource evaluation efforts for transportation, infrastructure, water resources, and public-sector projects. She specializes in NEPA documentation, environmental screening, wetland delineations, Waters of the U.S. determinations, biological resource assessments, and coordination with state and federal regulatory agencies. Ms. Sullivan supports the preparation of environmental documents and technical studies required to satisfy federal and state environmental review processes, including permit applications and compliance documentation. Her experience includes field investigations, environmental constraints analyses, agency coordination, GIS-based mapping support, impact assessments, and the identification of environmental commitments and mitigation measures. Through her multidisciplinary environmental background, Ms. Sullivan provides critical support in advancing projects through environmental review and permitting while ensuring compliance with applicable regulatory requirements and resource protection standards.</i>		
01/25-Present SECTION 17 PROJECT	LADOTD S.P. NO. 4400025040 / IJIA OFF-SYSTEM BRIDGE PROGRAM: East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, and Assumption Parishes, LA. <i>Environmental Scientist</i> - GEC is serving as the primary consultant for LADOTD for the replacement of 13 bridges throughout District 61. Ms. Sullivan is responsible for preparing the environmental documentation required by the project in accordance with FWA and NEPA. This includes performing field investigations, writing the respective reports, generating maps and figures, and coordinating with relevant state and federal agencies. The expectation is that all 13 projects will be processed as Programmatic Categorical Exclusions under NEPA. Ms. Sullivan is compiling the packets for these applications.		
09/24-Present SECTION 17 PROJECT	PORT OF NEW ORLEANS LOUISIANA INTERNATIONAL TERMINAL (LIT) ENVIRONMENTAL ASSESSMENT: Violet, LA. <i>Environmental Scientist</i> - GEC is serving as the prime consultant in developing the Environmental Assessment for the new Louisiana International Terminal Port in Violet, LA on behalf of the Port of New Orleans. GEC is responsible for the overall development of the EA in order to secure necessary permits and permissions to construct the proposed LIT in St. Bernard Parish. Ms. Sullivan is responsible for overall review of the environmental assessment.		
01/25-04/25	DEMCO 4-H CLUB ROAD SUBSTATION SITE: Livingston Parish, LA. <i>Environmental Scientist</i> - GEC produced a Drainage Impact Study and conducting a wetland delineation on a proposed 5.24-acre substation site located off 4-H Club Road in Livingston Parish, Louisiana on behalf of the DEMCO electric distribution cooperative. Ms. Sullivan conducted the wetland delineation at the site, which included mapping the identified wetlands, classifying vegetation, and analyzing soils observed at sample plots. She was also responsible for creating the maps and figures to include in the wetland report.		
03/25-Present	RED RIVER NAVIGATION FEASIBILITY STUDY AND EIS: Southwest AR and Northwest LA. <i>Environmental Scientist</i> - GEC is serving as a subcontractor for the Navigation Feasibility Study and the preparation of the respective EIS for the Red River in Southwest Arkansas and Northwest Louisiana. Ms. Sullivan is responsible for identifying the cultural, historical, and archaeological impacts of the study area and for outlining the cumulative impacts on various resources identified by the study.		
06/25-Present	WARD CREEK DISTRIBUTED DETENTION PROJECT: Baton Rouge, LA. <i>Environmental Scientist</i> - GEC is serving as a subcontractor for the Ward Creek Distributed Detention Project. The project is being funded, in part, through the Federal Emergency Management Agency's (FEMA) Hazard Mitigation and Grant Program, and GEC is responsible for the overall development of the Environmental Assessment and preparation of the FEMA Eight-Step Process in order to satisfy the requirements of the grant. Ms. Sullivan is responsible for overall review of the environmental assessment and of the Eight-Step Process document.		

FIRM EMPLOYED BY G.E.C., Inc.				
NAME	Keith Boeneke, PMP		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	1
TITLE	Vice President Business Development/Program Management		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	31
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1994 / Environmental Science; MBA / 2000 / Business Administration		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A		
YEAR REGISTERED	N/A	DISCIPLINE	N/A	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Planning, Environmental Screening, NEPA Documentation & Technical Assistance		
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).			
	<i>Mr. Boeneke has extensive experience managing a wide array technical program and projects. His project management background includes leading initiatives for state and local governments across Louisiana, such as coastal restoration, water resources, hazard mitigation planning, FEMA recovery programs, and environmental permitting and compliance. He has worked extensively with agencies like NOAA, EPA, NRCS, USFWS, FEMA, CPRA, OCD, LADOTD, LDEQ, and GOHSEP, and has managed large-scale coastal protection projects and federal grant programs throughout Louisiana. Earlier in his career, Keith spent 13+ years managing complex environmental assessment and remediation projects and also held key QA/QC roles ensuring ISO 9001 compliance.</i>			
01/25-05/25	MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PERMITTING: Baton Rouge, LA. Project Manager - Managed a project to provide support to LADOTD with the development of their MS4 storm water permit. The initial scope of work included coordination with the LDEQ and development of an MS4 permitting strategy. Also developed the scope of work and estimated fee for the next phase of services which included the preparation of a revised stormwater management plan for the district. Work done prior to GEC.			
2017-2020	TECHNICAL ASSISTANCE FOR DISASTER RECOVERY GRANT OPPORTUNITIES, HMGP FUNDING, DRAINAGE, AND RESILIENCY: Central, LA. Program Manager - Mr. Boeneke was responsible for managing all tasks and leading the overall effort associated with the technical assistance activities for the City of Central resulting from the Great Flood of August 2016. The primary technical assistance tasks included: Open Drainage Cleaning, Public assistance (PA) activities, Hazard Mitigation Grant Program (HMGP), Master Drainage Plan, State & Federal Coordination, Offsite Drainage Assessment (ODA). Work done prior to GEC.			
2017	WEINER CREEK EMERGENCY REPAIRS: Baton Rouge, LA. Project Manager - Mr. Boeneke managed the grant administration and environmental permitting activities associated with the repair of watershed impairments caused by the August 2016 storm event. The impairments included stream bank erosion along a segment of Weiner Creek in a residential area of East Baton Rouge Parish that was determined to pose a serious threat to life and property. As such, East Baton Rouge City-Parish successfully applied for financial and technical assistance from the U.S. Department of Agriculture NRCS through its Emergency Watershed Protection Program (EWP) to complete the necessary repairs. Work done prior to GEC.			
2021-2025	MID BRETON DIVERSION ENVIRONMENTAL IMPACT STATEMENT (EIS): Plaquemines Parish, LA. Project Manager - Mr. Boeneke managed a team of subject matter experts on behalf of Fenstermaker with a focus on impacts to fisheries from construction of the Diversion in Plaquemines Parish, LA. This work is on-going and is being performed by Fenstermaker as a subconsultant to the prime responsible for preparation of the project's EIS. Work done prior to GEC.			
2013-2016	CWPPRA PROGRAM MANAGEMENT: Baton Rouge, LA. Senior Project Manager - As an embedded contract project manager at CPRA during the period August 2013 to May 2015, Mr. Boeneke was responsible for managing a portfolio of 11 projects funded by the Coastal Wetlands Planning, Protection, and Restoration Act (CWPPRA). Projects were located throughout the coastal zone of Louisiana from Cameron Parish to Plaquemines Parish and commonly involved the following tasks: Planning and managing the engineering and design process in coordination with the Federal Sponsor; Restoring and nourishing marsh habitat; Restoring or protecting coastal fisheries habitat as part of project design; Protecting biological marine resources in and near the Gulf of Mexico during project design and the construction process; Overseeing and/or reviewing contractor field operations; Contract management, oversight and evaluation including specific task development; Project related permitting and regulatory compliance associated with the coastal zone; Working in concert and coordination with federal partners, landowners, local government, and State interests as well as non- profits such as conservation groups. Work done prior to GEC.			

FIRM EMPLOYED BY G.E.C., Inc.			
NAME	Barry McCoy		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Environmental Scientist		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1989 / Wildlife Conservation	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A	
YEAR REGISTERED	N/A	DISCIPLINE	N/A
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: WOTUS, Wetlands, Permitting, T&E, Biological	
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	Mr. McCoy has 35 years of experience within the environmental resources field. His experience includes wildlife hazard assessments, wetland delineations, threatened and endangered species surveys, Habitat Evaluation Procedures (HEP), preparation of numerous National Environmental Policy Act (NEPA) documents, environmental Phase I site assessments, and hazardous, toxic, and radioactive waste investigations. Mr. McCoy has participated in a Basic Wetland Delineation class conducted by the Wetland Training Institute and a Wetland Plant Identification Workshop conducted by the Wetland Biogeochemistry Institute of Louisiana State University. He has also attended the Wetland Delineation Preparatory course for the Wetland Delineator Certification Program provided through the Wetland Training Institute. Other classes attended by Mr. McCoy include a Habitat Evaluation Procedures Course, and a 40-Hour Waste Site Operations Course along with annual refresher courses.		
01/02-12/10	THE TIMED PROGRAM, ENVIRONMENTAL: Statewide, LA. Lead Field Biologist - Mr. McCoy was responsible for the completion of wetland delineations; threatened and endangered species surveys; and the required permit applications necessary for construction of approximately 250 miles of proposed highway right-of-way required for the highway expansion. He was responsible for preparing findings reports and submitting to the appropriate state and federal agencies for review and concurrence. Additionally, he assisted with Phase I Site Assessments (ESAs) within the right-of-way and Asbestos Inspections of structures impacted by the proposed construction.		
01/14-05/17 SECTION 17 PROJECT	LADOTD S.P. NO. H.004987 / US 190/COLLINS BOULEVARD WIDENING (LA 25 TO US 190B): Covington, LA. Wetland Scientist - Mr. McCoy was responsible for conducting a wetland delineation, preparing a wetland report, and performing T&E species analysis for this FHWA LADOTD Environmental Assessment Project.		
08/23-Present SECTION 17 PROJECT	LADOTD S.P. NO. 4400025040 / IJIA OFF-SYSTEM BRIDGE PROGRAM: East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, and Assumption Parishes, LA. Wetland Scientist - This project involves the spot replacement of 13 bridges across seven parishes. Mr. McCoy was responsible for field work on wetland delineation, T&E clearance, bridge assessments for occurrence of bats, preparation of Programmatic Categorical Exclusion checklist, and pre-construction notifications to the USACE.		
2017-2023 SECTION 17 PROJECT	THIRD PARTY EIS FOR THE MID-BARATARIA SEDIMENT DIVERSION (MBSD) PROJECT: Plaquemines Parish, LA. Project Scientist - Mr. McCoy is served as senior project scientist on the GEC Team leading development of a Third-Party EIS for CPRA's MBSD Project. As a senior wetland and wildlife biologist, Mr. McCoy played a key role in drafting the wetland sections of the EIS. The EIS is being prepared under the direction of USACE, New Orleans District, to aid in their decision-making regarding CPRA's permit application pursuant to Section 404 of the Clean Water Act (CWA) and Section 10 of the Rivers and Harbors Act, and permissions under 33 U.S.C. Section 408. Agency Project No.: LA Gov No. 4400010455, DNR No. 2503-16-23		
11/22-Present SECTION 17 PROJECT	LOUISIANA INTERNATIONAL TERMINAL (LIT) ENVIRONMENTAL ASSESSMENT: New Orleans, LA. Wetland Scientist - GEC is serving as the prime consultant in developing the Environmental Assessment (EA) for the new Louisiana International Terminal (LIT) Port in Violet, LA on behalf of the Port of New Orleans. The Port of New Orleans is investing in a new \$1.8 billion container terminal project—The Louisiana International Terminal—to serve vessels of all sizes, providing goods to support Louisiana's homes and businesses. GEC is preparing a detailed impact analysis for the proposed terminal in accordance with NEPA and is conducting a range of studies addressing concerns raised by the public. GEC is responsible for the overall development of the EA in order to secure necessary permits and permissions to construct the proposed LIT in St. Bernard Parish. Mr. McCoy is responsible for the preparation of the wetlands and vegetation sections of the EA.		

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

NAME	Barry McCoy <i>Continued Resume</i>
11/21-Present	LADOTD S.P. NO. 44-14315, H.01000 / PAINTING INSPECTION AND ENVIRONMENTAL MONITORING WITH CONSTRUCTION ENGINEERING AND INSPECTION STATEWIDE, US 171, CALCASIEU RIVER BRIDGE REPAIRS (HBI): Calcasieu Parish, LA. <i>On-Site Environmental Monitor</i> - Mr. McCoy collects pre-project soil samples; conducts air quality monitoring for TSP-Lead during construction; conducts visual assessments of contractor air emissions; observes contractor sample collection; ensures compliance with specifications during hazardous waste and waste water collection, storage, disposal/discharge; inspects contractor compliance with worker training and safety requirements; documents waste shipments and water discharges; files daily reports; collects post-project soil samples.
2021-2024	SHARP RD.: Mandeville, LA. <i>Lead Field Wetland Scientist</i> - GEC provided design services for the road improvements as well as provide the necessary environmental permitting, for this project that is currently under construction. Mr. McCoy was the Senior Wetland Scientist responsible for conducting the wetland delineation within the project area. During field surveys of the project area, Mr. McCoy collected the necessary data to identify and map the wetland habitats that occur within the project area. He utilized the field data to prepare the wetland delineation report that was submitted to the New Orleans District Corps of Engineers for review and verification. He was also responsible for preparing the necessary wetland permit applications.
10/21-Present	LADOTD S.P. NO. 44-14315, H.003370 / I-220/I-20 INTERCHANGE IMP & BAFB ACCESS: Bossier Parish, LA. <i>On-Site Environmental Monitor</i> - Mr. McCoy collects pre-project soil samples; conducts air quality monitoring for TSP-Lead during construction; conducts visual assessments of contractor air emissions; observes contractor sample collection; ensures compliance with specifications during hazardous waste and waste water collection, storage, disposal/discharge; inspects contractor compliance with worker training and safety requirements; documents waste shipments and water discharges; files daily reports; collects post project soil samples.
2017-2022	LA 66: BIG BAYOU SARA BRIDGE REHABILITATION: West Feliciana Parish, Louisiana. <i>Field Inspector</i> - Mr. McCoy was responsible for monitoring the nesting activities of cliff swallows under the bridge on a weekly basis while contractors were conducting rehabilitation tasks on the bridge. He was tasked with keeping records of active and inactive nests, number of birds present at the site, nesting activities, and behavior of the birds while construction activities were conducted. If construction activities disrupted the normal activities of the nesting cliff swallows, he was responsible for informing the contractor and suspending those tasks until nesting was complete. Weekly reports were submitted to U. S. Fish and Wildlife Service to provide a summary of the nesting activities.
2011-Present	GNOEC, LAKE PONTCHARTRAIN CAUSEWAY: St. Tammany and Jefferson Parishes, LA. <i>Wetland Scientist</i> - Mr. McCoy serves as Wetlands Specialist for improvements to the Causeway. GEC prepares and conducts regulatory Solicitations of Views, prepares responses to regulatory comments/guidance, conducts wetland delineations, prepares wetland/water body survey reports and prepares Coastal Use Permit applications.
2020	WEST COLYELL CREEK BANK STABILIZATION PROJECT, WETLAND DELINEATION AND PERMITTING: Livingston Parish, LA. <i>Lead Field Wetland Scientist</i> - Mr. McCoy was the Lead Field Wetland Scientist responsible for conducting the field data collection necessary to identify and map wetlands and other waters within the project area. He prepared wetland data sheets and compiled the data and maps into a report that was submitted to the New Orleans District Corps of Engineers for verification. Once verified, the information was utilized to prepare the necessary permit applications for conducting the bank stabilization activities proposed for the project area.
12/18-06/20	I-10 WIDENING, LA 347 TO ATCHAFALAYA FLOODWAY BRIDGE ROUTE: St. Martin Parish, LA. <i>On-Site Environmental Monitor</i> - Mr. McCoy collected pre-project soil samples; conducted air quality monitoring for TSP-Lead during construction; conducted visual assessments of contractor air emissions; observed contractor sample collection; ensured compliance with specifications during hazardous waste and wastewater collection, storage, disposal/discharge; inspected contractor compliance with worker training and safety requirements; documented waste shipments and water discharges; filed daily reports; collected post-project soil samples.
10/17-04/19	LADOTD S.P. NO. 44-05410, H.012259 / PAINTING INSPECTION AND ENVIRONMENTAL MONITORING STATEWIDE, DISTRICT 03 BRIDGE REPAIRS / LA 182 AT BAYOU BOEUF: St. Mary and Assumption Parishes, LA. <i>On-Site Environmental Monitor</i> - Mr. McCoy collects pre-project soil samples; conducted air quality monitoring for TSP-Lead during construction; conducted visual assessments of contractor air emissions; observed contractor sample collection; ensured compliance with specifications during hazardous waste and waste water collection, storage, disposal/discharge; inspected contractor compliance with worker training and safety requirements; documents waste shipments and water discharges; files daily reports; collects post-project soil samples.

FIRM EMPLOYED BY G.E.C., Inc.			
NAME	Jason Avant		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Environmental Scientist		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2004 / Natural Sciences (Chemistry and Education minors)	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A	
YEAR REGISTERED	N/A	DISCIPLINE	N/A
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: WOTUS, Wetlands, Permitting, T&E	
EXPERIENCE DATES (MM/YY–MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., “DESIGNED DRAINAGE”, “DESIGNED GIRDERS”, “DESIGNED INTERSECTION”, ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
 Mr. Avant is an environmental scientist and lead botanist at GEC. He has over 17 years of experience in coastal plant communities, and has performed extensive field research including wetland delineations, vegetation and habitat surveys, and threatened and endangered species surveys in support of permit applications and NEPA documentation. Mr. Avant’s responsibilities also include identification and determination of wetlands and the preparation of reports, client letters, and nationwide general permits. He is also a certified construction inspector with daily tasks including, but not limited to, review of contractor daily work logs, daily inspection reports, production of daily progress reports, and interpretation and enforcement of bid documents and contract provisions. Mr. Avant has completed training in the following areas HAZWOPER 40-hr training and certification, Basic Wetland Delineator Training 404-10 RAPANOS Workshop, Soil and Water Science Short Course, Hydric Soils, Atlantic and Gulf Coastal Plain Regional Supplemental Workshop, Certified Lead Inspector, and Unified Wetland Mitigation Assessment.			
01/14-05/17	LADOTD S.P. NO. H.004987 / US 190 / COLLINS BOULEVARD WIDENING (LA 25 TO US 190B): Covington, LA. Biologist - Mr. Avant participated in the preparation of an Environmental Assessment (with Finding of No Significant Impact) and Line and Grade Study to widen approximately three miles of U.S. 190 in Covington, a project which will include the construction of new bridges across the Bogue Falaya River. Notably, the project proposed the elimination of all signalized intersections within the project corridor and replacement with roundabouts.		
01/02 – 12/10	THE TIMED PROGRAM, ENVIRONMENTAL: Statewide, LA. Field Biologist - Mr. Avant was a Field Biologist responsible for the completion of wetland delineations; threatened and endangered species surveys; and the required permit applications necessary for construction of approximately 250 miles of proposed highway right-of-way required for the highway expansion. He was responsible for preparing findings reports and submitting these reports to the appropriate state and federal agencies for review and concurrence. Also, he assisted other Environmental Scientists with Phase I Site Assessments within the right-of-way and Asbestos Inspections of structures impacted by the proposed construction.		
2011-Present	GNOEC, LAKE PONTCHARTRAIN CAUSEWAY: St. Tammany and Jefferson Parishes, LA. Biologist - Mr. Avant serves as Biologist for improvements to the Causeway. GEC prepares and conducts regulatory Solicitations of Views, prepares responses to regulatory comments/guidance, conducts wetland delineations, prepares wetland/water body survey reports and prepares Coastal Use Permit applications.		
10/21-04/24	LADOTD S.P. NO. H.003370 / I-220/I-20 INTERCHANGE IMP & BAFB ACCESS: Bossier Parish, LA. On-Site Environmental Monitor – Mr. Avant collected pre-project soil samples; conducted air quality monitoring for TSP-Lead during construction; conducted visual assessments of contractor air emissions; observed contractor sample collection; ensured compliance with specifications during hazardous waste and waste water collection, storage, disposal/discharge; inspected contractor compliance with worker training and safety requirements; documented waste shipments and water discharges; filed daily reports; collected post-project soil samples. (LADOTD Retainer Contract #4400014315 - Painting Inspection and Environmental Monitoring with Construction Engineering and Inspection Statewide)		
01/14-05/16	LADOTD S.P. NO. H.004983 / US HWY 11 WIDENING (LAKE PONTCHARTRAIN – SPARTAN DRIVE): Slidell, LA. Biologist - Mr. Avant participated in an EA for the New Orleans Regional Planning Commission (NORPC) in compliance with FHWA NEPA requirements for the widening of US Highway 11 in Slidell, LA. He participated in wetlands, threatened and endangered species, floodplains, and a Phase I ESA.		
11/18-02/21	I-10 SERVICE ROAD BRIDGES: Slidell, LA. Biologist - Mr. Avant participated in the wetland delineation within the proposed project area. He provided field efforts associated with the project and the preparation of the wetland delineation report.		

FIRM EMPLOYED BY Providence Engineering and Environmental Group LLC			
NAME	Chad Turner		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Director of Natural Resources & Coastal Services		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2008 / Biological Sciences	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		5680 / Richard Chinn 38-Hour Wetland Delineation Training	
YEAR REGISTERED	2009	DISCIPLINE	Biological Sciences
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: WOTUS, Wetlands, Permitting, T&E, Biological	
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
17 years of experience	<i>Chad Turner has natural resource permitting and compliance experience for clients in industrial, commercial, residential, and public sectors. His areas of focus include wetland delineations, analysis, and reporting on 30,000+ acres; U.S. Army Corp of Engineers (USACE) Section 10/404 permitting and compliance assistance (Galveston, Mobile, New Orleans, and Vicksburg Districts); Louisiana Department of Conservation and Energy), Office of Coastal Management Coastal Use Permitting; NEPA Compliance; Louisiana Department of Wildlife and Fisheries (LDWF) Scenic Rivers System Permitting and Oyster Resource Assessments; U.S. Fish and Wildlife Service (USFWS) Section 7 consultations, State Historic Preservation Office (SHPO) Section 106 consultations; threatened and endangered species surveys and reporting; and USACE wetland mitigation bank assessment, reporting, and monitoring. Mr. Turner also specializes in desktop mapping applications, specifically ArcGIS. His GIS experience includes: field data collection with GPS units using Trimble, SonarWiz, and ArcPad systems; data dictionary creation and implementation; field data post-processing and assimilation; basic desktop mapping; desktop analysis of available reference and field-collected data for various client-requested applications; figure creation for use in regulatory permit applications, public meetings and hearings, resource agency meetings, and site visits; and creation of ArcGIS Online web and mobile applications.</i>		
05/09-06/13	LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT, ENVIRONMENTAL SECTION: Environmental Impact Specialist- Mr. Turner was responsible for NEPA compliance for federal and state transportation projects. His duties included: wetland delineations and reporting; threatened and endangered species surveys and reporting; preparation of in-house Categorical Exclusions and Environmental Assessments; and oversight of third-party NEPA documents and other environmental studies. During his time, Mr. Turner conducted over 100 wetland delineations for a variety of transportation projects, including on- and off-system bridge replacements, road realignments and widenings, and new road construction.		
08/24-present	AUCOIN & ASSOCIATES, INC., REPLACEMENT BRIDGE LA 648: DRAIN CANAL BRIDGE SPN. H.011963: Thibodaux, LA. Project Manager- Conducted a wetland delineation, threatened and endangered species survey, and completed a Wetland Findings report for the replacement of the LA 648 bridge over an unnamed drainage canal in Lafourche Parish. Additionally, prepared and submitted a Joint Permit Application to the Louisiana Department of Energy and Natural Resources and the U.S. Army Corps of Engineers.		
01/14-09/14	HUVAL & ASSOCIATES, INC, EAST BATON ROUGE PARISH MULTIPLE BRIDGE REPLACEMENTS: Baton Rouge, LA. Wetland Biologist- On behalf of the City of Baton Rouge/Parish of East Baton Rouge Department of Public Works, conducted wetland delineation, threatened and endangered species survey, and completed Wetland Findings Reports for the Morvant Road (1 and 2), Milldale Road, and Port Hudson Pride Road bridges in East Baton Rouge Parish. For each location, prepared and submitted a Pre-Construction Notification to the USACE, New Orleans District for authorization under Nationwide Permit 12.		
06/15-09/15	CITY OF BATON ROUGE/PARISH OF EAST BATON ROUGE, PECUE LANE/I-10 INTERCHANGE SPN. H.004104: Baton Rouge, LA. Project Manager- Provided wetland delineation, threatened and endangered species survey and reporting for construction of an interchange at I-10 and Pecue Lane adding multiple through lanes on Pecue Lane, entrance/exit ramps on eastbound and westbound I-10. Replacement of two-lane Overpass Bridge and Pecue Lane / Wards Creek bridge, extension to Reiger Road with new intersection at Pecue Lane, and related work. Responsibilities included field investigations, preparation of environmental document, map creation in GIS, and GIS environmental impact analysis.		
04/24-10/24	MORGAN GOUDEAU & ASSOCIATES, INC., EIGHT OFF-SYSTEM BRIDGE REPLACEMENTS ACROSS SIX PROJECTS (H.014986, H.015013, H.015014, H.015015, H.015016, H.015050): Project Manager- Services provided included wetland delineation, threatened and endangered species survey and Wetland Findings Reports.		

FIRM EMPLOYED BY **Providence Engineering and Environmental Group LLC**NAME **Chad Turner***Continued Resume*

02/20-09/23

CITY OF BATON ROUGE/PARISH OF EAST BATON ROUGE, MOVEBR CAPACITY PROJECT: Baton Rouge, LA. Project Manager- Mr. Turner served as project manager for four MOVEBR transportation projects in East Baton Rouge Parish: Old Hammond Highway Segment 1, Phases A and B (City-Parish Project No. 19-CP-HC-0034); Bluebonnet Boulevard (Perkins Road to Picardy Boulevard) (City-Parish Project No. 19-CP-HC-0034); Highland Road at Siegen Lane Intersection (City-Parish Project No. 20-CP-HC-0004); Sherwood Forest Extension (Greenwell Springs Road to Joor Road) (City-Parish Project No. 20-CP-HC-0014). Service provided included wetland delineations, preparation of Wetland Data Reports/Requests for Jurisdictional Determination, and submittal of Pre-Construction Notifications to the USACE for authorization under Nationwide Permit 12.

05/24-Present

ATLAS TECHNICAL CONSULTANTS LLC, MRB SOUTH GBR: LA 1 TO LA 30 CONNECTOR SPN H.013284: Iberville Parish, LA. Wetland Project Manager- Providence provided NEPA, wetlands, threatened and endangered species survey, Phase I ESA, and public outreach compliance assistance for the proposed new bridge crossing of the Mississippi River in Iberville Parish, LA. Served as the Wetland Project Manager for the 1,716-acre delineation across 3 proposed alignments. Responsibilities included management of five teams of biologists, coordination with Atlas/DOTD for survey access/landowner permissions, primary Technical Review of Wetland Findings Report, and coordination of a site visit with members of Atlas, LA DOTD, and the USACE.

FIRM EMPLOYED BY Providence Engineering and Environmental Group LLC			
NAME	Christopher Coyne		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
			5
TITLE	Biologist III		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
			2
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2020 / Natural Resource Ecology and Management	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		8969 / Richard Chinn 38-Hour Wetland Delineation Training	
YEAR REGISTERED	2021	DISCIPLINE	Biological Sciences
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: WOTUS, Wetlands, Permitting, T&E, Biological	
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
7 years of experience	Chris Coyne has worked as a Biologist with Providence since May 2021. Prior to joining Providence, Mr. Coyne worked as a Biotechnician for the USFWS where he was responsible for Red-cockaded Woodpecker banding/monitoring, rocket-netting and banding of Wood Ducks, mobile acoustical bat monitoring, Gulf Sturgeon sampling, Dusky Gopher Frog monitoring, feral swine control, and wetlands restoration. Mr. Coyne earned a bachelor's degree in Natural Resource Ecology and Management with concentrations in Wildlife Ecology and Management and Fisheries from the School of Renewable Natural Resources at Louisiana State University in May 2020. Mr. Coyne's education and professional experience have exposed him to wetland ecology and management, ecosystem restoration, coastal management and restoration, plant identification, invasive species control, and wildlife biology.		
08/21-10/21	MORGAN GOUDEAU & ASSOCIATES, INC., OFF-SYSTEM HIGHWAY BRIDGE PROGRAM CRAWFORD ROAD / TIGER BRANCH, SPN H.014229.5: Caddo Parish, LA. Field Biologist- Conducted a wetland delineation threatened and endangered species survey, reporting, data management for the replacement of the Crawford Road Bridge over Tiger Branch.		
08/21-9/21	MORGAN GOUDEAU & ASSOCIATES, INC., OFF-SYSTEM HIGHWAY BRIDGE PROGRAM NATION ROAD/ COULEE DURALDE, SPN. H.014220.5: Acadia Parish, LA. Field Biologist- Conducted a wetland delineation threatened and endangered species survey, reporting, data management for the replacement of the Nation Road Bridge over Coulee Duralde.		
08/21-12/21	MORGAN GOUDEAU & ASSOCIATES, INC., OFF-SYSTEM HIGHWAY BRIDGE PROGRAM RUFFIN DRIVE OVER DRAIN TO YOUNGS BAYOU, SPN. H.014232.5: Ouachita Parish, LA. Field Biologist- Conducted a wetland delineation threatened and endangered species survey, reporting, data management for the replacement of the Ruffin Drive Bridge over a drain to Youngs Bayou.		
08/21-12/21	MORGAN GOUDEAU & ASSOCIATES, INC., OFF-SYSTEM HIGHWAY BRIDGE PROGRAM AUGUILLARD ROAD OVER COULEE, SPN. H.014226.5: St. Martin Parish, LA. Field Biologist- Conducted a wetland delineation threatened and endangered species survey, reporting, data management for the replacement of the St. Martin Auguillard Road Bridge over an unnamed coulee.		
03/22-03/22	MORGAN GOUDEAU & ASSOCIATES, INC., OFF-SYSTEM HIGHWAY BRIDGE PROGRAM DOSHIE ROAD OVER CHERRY WINCHE CREEK TRIBUTARY, SPN. H.014263.5: Tangipahoa Parish, LA. Field Biologist- Conducted a wetland delineation threatened and endangered species survey, reporting, data management for the replacement of the North Hoover Road Bridge over an unnamed creek.		
09/21-12/21	MORGAN GOUDEAU & ASSOCIATES, INC., OFF-SYSTEM HIGHWAY BRIDGE PROGRAM RANDALL ROAD OVER YELLOW WATER RIVER SPN. H.014262.5: Tangipahoa Parish, LA. Field Biologist- Conducted a wetland delineation threatened and endangered species survey, reporting, data management for the replacement of the Randall Road Bridge over Yellow Water River.		
02/24-05/24	MORGAN GOUDEAU & ASSOCIATES, INC., OFF-SYSTEM HIGHWAY BRIDGE PROGRAM HALES ROAD BRIDGES SPN. H.014986.5: Richland Parish, LA. Field Biologist- Conducted a wetland delineation threatened and endangered species survey, reporting, data management for the replacement of the Hales Road Bridges over Hurricane Creek and an unnamed creek.		
04/24-05/24	MORGAN GOUDEAU & ASSOCIATES, INC., OFF-SYSTEM HIGHWAY BRIDGE PROGRAM NORTH JOSEPH ST OVER CREEK SPN. H.015016.5: Jefferson Davis Parish, LA. Field Biologist- Conducted a wetland delineation threatened and endangered species survey, reporting, data management for the replacement of the North Joseph Street Bridge an unnamed creek.		

FIRM EMPLOYED BY **Providence Engineering and Environmental Group LLC**

NAME	Christopher Coyne	<i>Continued Resume</i>
04/24-04/24	MORGAN GOUDEAU & ASSOCIATES, INC., OFF-SYSTEM HIGHWAY BRIDGE PROGRAM STATELINE RD OVER CREEK SPN. H.015014.5: Tangipahoa Parish, LA. Field Biologist- Conducted a wetland delineation threatened and endangered species survey, reporting, data management for the replacement of the Tangipahoa Stateline Road Bridge an unnamed creek.	
07/24-08/24	MORGAN GOUDEAU & ASSOCIATES, INC., OFF-SYSTEM HIGHWAY BRIDGE PROGRAM GRAVOLET ROAD OVER DRAINAGE CANAL SPN. H.015050.5: Plaquemines Parish, LA. Field Biologist- Conducted a wetland delineation threatened and endangered species survey, reporting, data management for the replacement of the Gravolet Road Bridge over an unnamed drainage canal.	
07/24-08/24	MORGAN GOUDEAU & ASSOCIATES, INC., OFF-SYSTEM HIGHWAY BRIDGE PROGRAM SIBLEY RD AND CHAPPEPEELA RD BRIDGES SPN. H.015013.5: Tangipahoa Parish, LA. Field Biologist- Conducted a wetland delineation threatened and endangered species survey, reporting, data management for the replacement of the Sibley Road Bridge over Morgan Branch and the Chappepeela Road Bridge over Brushy Branch.	
07/24-10/24	MORGAN GOUDEAU & ASSOCIATES, INC., OFF-SYSTEM HIGHWAY BRIDGE PROGRAM ZEAGLER CUTOFF OVER CREEK SPN H.015015.5: LaSalle Parish, LA. Field Biologist- Conducted a wetland delineation threatened and endangered species survey, reporting, data management for the replacement of the Zeagler Cutoff Bridge over an unnamed creek.	
08/24-Present	AUCOIN & ASSOCIATES, INC., REPLACEMENT BRIDGE LA 648: DRAIN CANAL BRIDGE SPN. H.011963: Lafourche Parish, LA. Field Biologist- Conducted wetland delineation threatened and endangered species survey, reporting, data management for the replacement of the LA 648 bridge over an unnamed drainage canal. Additionally, prepared and submitted a Joint Permit Application to the Louisiana Department of Energy and Natural Resources and the U.S. Army Corps of Engineers.	
05/24-Present	ATLAS TECHNICAL CONSULTANTS LLC, MRB SOUTH GBR: LA 1 TO LA 30 CONNECTOR SPN H.013284: Multiple Parishes, LA. Field Biologist- Providence provided NEPA, wetlands, Phase I ESA, and public outreach compliance assistance for the proposed new bridge crossing of the Mississippi River in Iberville Parish, LA. Role in the project included conducting wetland delineations and threatened and endangered species survey on 3 alignment alternatives covering approximately 1,716 acres, subsequent wetland data reporting, and assisting with Phase I Environmental Site Assessment field surveys.	

FIRM EMPLOYED BY Providence Engineering and Environmental Group LLC			
NAME	Rebecca Milano, PWS		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
			1
TITLE	Deputy Director of Natural Resources & Coastal Services		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
			10
DEGREE(S) / YEARS / SPECIALIZATION	M.S. / 2021 / Coastal Sciences; B.S. / 2016 / Ecology		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE	Professional Wetland Scientist		
YEAR REGISTERED	2022	DISCIPLINE	Environmental
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES	Role on this Project: WOTUS, Wetlands, Permitting, T&E, Biological		
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
10 years of experience	<i>Rebecca Milano, PWS has ten years of experience in environmental consulting specializing in wetland science and regulatory compliance across southern Louisiana and the Gulf Coast region. As a registered Professional Wetland Scientist, he provides advanced expertise in wetland delineations, U.S. Army Corps of Engineers (USACE) permitting, Waters of the U.S. (WOTUS) evaluations, threatened and endangered (T&E) species assessments, and water quality certifications. She has successfully led complex field investigations and managed multidisciplinary teams while coordinating with federal and state regulatory agencies to advance infrastructure and development projects through the permitting process. Rebecca is recognized for developing practical, compliance-driven strategies that support efficient project delivery for both public and private sector clients.</i>		
12/25-Ongoing	NORTHWEST LOUISIANA COUNCIL OF GOVERNMENTS (NLCOG), STATE PROJECT NO: H.003915, I-49 INNER CITY CONNECTOR STAGE 1 ENVIRONMENTAL IMPACT STATEMENT: Shreveport, LA. Wetland Scientist- The project scope consists of the preparation of a NEPA Environmental Impact Statement with Interchange Reports. Work entails conducting all necessary engineering and environmental investigation necessary to obtain environmental clearance on construction of an approximately 3.5-mile connector to link the existing I-49 at I-20 to I-49 North at I-220. Providence is the prime consultant leading a team of professionals to accomplish this critical project. Relevant tasks include project management, project team management and coordination, agency and public outreach and coordination, MPO briefings, NEPA document development, including incorporation of work from other team members, and field surveys and technical support document development, including the wetlands finding report, Section 4(f) documents, Conceptual Stage Relocation Plan, and Phase I ESA.		
1/26-Ongoing	CITY OF ALEXANDRIA, SUGARHOUSE ROAD EXTENSION: Alexandria, LA. Wetland Scientist- The Sugar House Road project purpose was to provide an alternative route for existing and future heavy commercial and industrial truck traffic, which currently use congested residential routes through the City of Alexandria to access federal and regional highways including I-49, US 71, US 165, US 167, LA 28 and LA 1. Providence was contracted to prepare an Environmental Assessment (EA) and Wetlands Findings Report to evaluate alternatives for the design of Sugarhouse Road from I-49 to LA Highway 1. Ms. Milano assisted in the wetland delineation and threatened and endangered species survey.		
11/25-12/25	MORGAN GOUDEAU & ASSOCIATES, INC., OFF-SYSTEM HIGHWAY BRIDGE PROGRAM PATRICIA ST. OVER CHALMETTE VISTA CANAL (SP H.015017.5): St. Bernard Parish, LA. Project Manager- This project involved the replacement of the Patricia Street bridge over the Chalmette Vista Canal under LA DOTD's Off-System Highway Bridge Program. Environmental services included wetland delineations, threatened and endangered species reviews, and agency coordination to support project development and permitting. Ms. Milano served as Project Manager, overseeing wetland evaluations, threatened and endangered species assessments, coordination with regulatory agencies, and the preparation of environmental documentation required for project approval.		
11/17-12/17	LA DOTD OFF SYSTEM BRIDGE REPLACEMENTS: Southeast, LA Project Manager- Served as Project Manager for environmental field investigations, permitting, regulatory coordination, and technical reporting associated with multiple LA DOTD Off-System Bridge Replacement projects throughout southeast Louisiana. Managed and conducted WOTUS delineations in accordance with USACE methodology to support project planning, design, and construction. Prepared jurisdictional determination requests and coordinated with regulatory agencies to obtain Approved Jurisdictional Determinations (AJDs), Nationwide Permits (NWP), and No Permit Required determinations. Oversaw field staff, coordinated project schedules and deliverables, and prepared environmental documentation to facilitate regulatory compliance and project advancement.		

FIRM EMPLOYED BY Providence Engineering and Environmental Group LLC			
NAME	Elizabeth Hunt, RPA		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
			2
TITLE	Principal Investigator		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
			13
DEGREE(S) / YEARS / SPECIALIZATION		M.A. / 2017 / Anthropology; B.A. / 2012 / Anthropology	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		17020 / Register of Professional Archaeologist	
YEAR REGISTERED	2017	DISCIPLINE	Archaeologist
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Cultural Resources	
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
15 years of experience	<i>Elizabeth Hunt, RPA has experience in Cultural Resource Management (CRM) and has experience working and consulting with governmental agencies at the local, state, and federal levels. She has participated in and supervised Phase I archaeological surveys, Phase II National Register Eligibility testing, Phase III data recovery excavations, and construction monitoring in Alabama, Arkansas, Arizona, California, Georgia, Louisiana, Mississippi, New Jersey, New York, North Carolina, and Texas. She has experience in both prehistoric and historic site evaluations and has performed analyses on both prehistoric and historic cultural material. Her areas of expertise include Section 106 and 110 compliance of the NHPA and prehistoric archaeology of the Lower Mississippi Valley as well as ceramic analyses.</i>		
2021	DOTD, CULTURAL RESOURCES SURVEY OF 2 ACRES FOR THE PROPOSED BONITA BRIDGE REPLACEMENT SITE: Morehouse Parish, LA. Project Director- Ms. Hunt served as the Project Director for the survey of approximately two acres in Morehouse Parish, Louisiana. The survey was conducted for the DOTD, on behalf of the Federal Highway Administration (FHWA). The survey was conducted for the proposed replacement site of the Union Pacific Railroad Overpass Bridge. Prior to initiation of fieldwork, Ms. Hunt conducted background and archival research including previously conducted archaeological investigations and previously recorded archaeological sites and historic structures in the region. No archaeological resources were recorded. Given the lack of cultural resources recorded during the survey, a negative findings report was produced for submittal to the Louisiana State Historic Preservation Office (SHPO) as part of consultation under Section 106 of the National Historic Preservation Act (NHPA). Ms. Hunt served as a co-author for this technical report.		
02/26 -Present	SUGAR HOUSE ROAD EXTENSION: Rapides Parish, LA. Principal Investigator- A Phase I Cultural Resource Survey was conducted for the Sugar House Road Extension project, which involved evaluating a 26.3-acre Area of Potential Effect (APE) and a 300-foot indirect buffer. Ms. Hunt carried out archival research, a field survey, and documented 15 above-ground resources, all of which were recommended as not eligible for listing on the National Register of Historic Places (NRHP). The survey confirmed that no archaeological sites were present, supporting the conclusion of "no historic properties affected" for compliance with the FHWA regulations.		
2023	LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT (DOTD), CULTURAL RESOURCES SURVEY OF 11 ACRES FOR THE PROPOSED I-49 SOUTH, ROUTE US 90 EXPANSION LOCATION AT VEROT SCHOOL ROAD: Lafayette Parish, LA. Project Manager- Ms. Hunt served as the Principal Investigator for the survey of approximately 11 acres in Lafayette Parish, Louisiana. The survey was conducted by DOTD, on behalf of the FHWA. The survey was conducted for the proposed expansion of I-49 South, Route US 90 at the segment of Verot School Road. Prior to initiation of fieldwork, Ms. Hunt contacted landowners for permission to survey and conducted background and archival research including previously conducted archaeological investigations and previously recorded archaeological sites and historic structures in the region. Ms. Hunt wrote and prepared the Phase I Cultural Resources Report and provided the document to DOTD for comment before submitting it to SHPO for concurrence.		
04/23-05/24	CORNERSTONE CHEMICAL COMPANY- UBE C1 CHEMICALS AMERICA, INC., ARCHAEOLOGICAL AND HISTORICAL CONSULTATION LETTER: Jefferson Parish, LA. Principal Investigator- Provided Cornerstone Chemical Company – UBE C1 Chemicals America, Inc., with a letter that initiated consultation to identify historic properties for proposed construction. This letter was submitted to the SHPO in pursuance of Section 106 and the lead federal agency, the USACE. This letter provided information on the proposed project area, proposed activities, previously conducted investigations and recorded cultural resources within and adjacent to the project area and requested assistance from SHPO for concurrence.		

FIRM EMPLOYED BY **Providence Engineering and Environmental Group LLC**NAME **Elizabeth Hunt, RPA***Continued Resume*

2024	GULF SOUTH PIPELINE COMPANY, LLC PHASE I CULTURAL RESOURCES SURVEY OF THE INDEX 301-4 REPLACEMENT PROJECT: Bogalusa, Washington Parish, LA. Principal Investigator- Ms. Hunt served as the Principal Investigator for the proposed PN 15340 Index 301-4 Replacement Project. The proposed APE measured approximately 61 acres (24.5 hectares). The Phase I Cultural Resources Survey consisted of a pedestrian survey and the 142 shovel test pits across the APE. Additionally, an above-ground resources survey was completed. The survey resulted in the relocation and update of one previously recorded site, identification of one isolated find, and examination of three aboveground resources adjacent to the APE. Based on the findings it was suggested that site 16WA98 was potentially eligible for the NRHP and should be avoided. The client then designed their workplan to have a 50-foot avoidance buffer around the site 16WA98 to avoid any disturbance to the site. Neither the isolated find nor the above ground resources were recommended eligible for the NRHP. No additional archaeological or above-ground resource investigations are recommended for the proposed project. The report was submitted to the SHPO for review and concurrence.
03/24-04/25	PHASE I CULTURAL RESOURCES SURVEY OF THE GROOM ROAD/BRUSHY BAYOU STORM SYSTEM PROJECT: East Baton Rouge Parish, LA. Principal Investigator- Ms. Hunt served as Principal Investigator for a Phase I cultural resource survey of approximately 4.8 acres in Baker, Louisiana. The survey consisted of 84 STPs. Three positive shovel tests were determined to be isolated finds and are not recommended eligible for the NRHP. No newly recorded archaeological sites or previously recorded sites were identified during the investigation. TerraXplorations Inc. was subcontracted to conduct the aboveground resources survey for the indirect APE. The aboveground resources survey identified one previously recorded LHRI resource, one NRHP-listed property, and 29 newly recorded LHRI aboveground resources. Based on results of the current survey, one previously recorded NRHP-listed property, the Baker High School Auditorium (13001125), remains eligible for listing in the NRHP under Criterion C based on the structure's design and construction which includes a prominent and unique exterior. Ms. Hunt served as a co-author for a technical report that was submitted to the LA DOA, SHPO as part of consultation under Section 106 of NHPA.
01/25-04/25	NEGATIVE FINDINGS: PHASE I CULTURAL RESOURCES SURVEY OF THE PN 16413 BEP-140 LINE LOWERING PROJECT: Calcasieu Parish, LA. Principal Investigator- Ms. Hunt served as the Principal Investigator for the Phase I cultural resources of approximately 14 acres across three project areas. The Phase I cultural resource survey consisted of a pedestrian survey and the excavation of 53 shovel test pits. Based on survey results, no cultural material or archaeological sites were encountered. No aboveground resources 50 years or older were identified using the LA DOA cultural resources online database, historic aerials, topographic maps, or during fieldwork. This will result in a report submitted to SHPO recommending no additional archaeological or above-ground resource investigations for the proposed project.

FIRM EMPLOYED BY Providence Engineering and Environmental Group LLC				
NAME	Christine Halling, RPA		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	2
TITLE	Senior Archaeologist		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	15
DEGREE(S) / YEARS / SPECIALIZATION		M.S. / 2013 / Human Biology; B.S. / 2006 / Anthropology		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		34906365 / Register of Professional Archaeologist		
YEAR REGISTERED	2015	DISCIPLINE	Archaeologist	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Cultural Resources		
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).			
17 years of experience	Christine Halling, RPA has archaeology experience and consultation with governmental agencies at the local, state, and federal levels. She has participated in and supervised disaster response projects, cemetery desecration response, and archaeological excavations. She has experience in both prehistoric and historic site evaluations and has performed analyses on both prehistoric and historic cultural material, primarily focused on human remains analyses. Her areas of expertise include compliance with state and federal regulations including Section 106 of the National Historic Preservation Act (NHPA) and the Native American Graves Protection and Repatriation Act (NAGPRA) and human remains analysis of the Middle to Lower Mississippi River Valley.			
02/26-03/26	SUGAR HOUSE ROAD EXTENSION: Rapides Parish, LA. Senior Archaeologist- A Phase I Cultural Resource Survey was conducted for the Sugar House Road Extension project, which involved evaluating a 26.3-acre APE and a 300-foot indirect buffer. Ms. Halling assisted with archival research, a field survey, and documented 15 above-ground resources, all of which were recommended as not eligible for listing on the NRHP. The survey confirmed that no archaeological sites were present, supporting the conclusion of "no historic properties affected" for compliance with the Federal Highway Administration (FHWA) regulations.			
11/25-03/26	CLECO POWER, LLC, NEW IBERIA LAYDOWN YARD: New Iberia Parish, LA. Senior Archaeologist- Providence supported NHPA Section 106 compliance for an 18.97-acre development project by conducting a Phase I Cultural Resources Survey. This survey included shovel testing, pedestrian inspections, and archival research. It was determined that no archaeological or historic properties were present, allowing the project to proceed without any additional cultural resource requirements.			
02/25-11/25	PHASE I CULTURAL RESOURCES SURVEY OF THE CHLORINE RAILCAR OFFLOADING PROJECT: Calcasieu Parish, LA. Senior Archaeologist- Ms. Halling served as Senior Archaeologist for a Phase I cultural resource survey of approximately 10.4 acres in Sulphur, LA. The survey consisted of 43 STPs and there were no new archaeological sites encountered, and no previously recorded archaeological sites that overlapped the APE. The survey identified three new LHRI properties. Ms. Halling served as a co-author for a technical report that was submitted to the LA DOA, SHPO, as part of consultation under Section 106 of NHPA.			
07/25-Ongoing	PHASE I CULTURAL RESOURCES SURVEY OF THE M/V INDUSTRIAL PROJECT: West Feliciana Parish, LA. Senior Archaeologist- Ms. Halling served as Field Director for a Phase I cultural resource survey of approximately 14.1 acres (39.6-acre area of potential effect [APE]) for the project area. The survey consisted of 69 STPs and based on the survey no new cultural material or archaeological sites were encountered. Ms. Halling will serve as a co-author for a technical report that will be submitted to the LA DOA, SHPO, as part of consultation under Section 106 of the NHPA.			
07/25-Ongoing	PHASE I CULTURAL RESOURCES SURVEY OF THE RIVER BEND DATA CENTER PROJECT: West Feliciana Parish, LA. Senior Archaeologist- Ms. Halling served as Field Director for a Phase I cultural resource survey of approximately 203.9 acres (591.55-acre APE) for the project area. The survey consisted of 1,019 STPs, one newly recorded archaeological site (16WF209), three archaeological sites relocated (16WF41, 16WF43, and 16WF44), identification of three isolated finds, and the recording of five new Louisiana Historic Resource Inventory (LHRI) properties. Three archaeological sites were not relocated (16WF42, 16WF45, and 16WF152). Ms. Halling will serve as a co-author for a technical report that will be submitted to the LA DOA, SHPO, as part of consultation under Section 106 of the NHPA.			

FIRM EMPLOYED BY		Providence Engineering and Environmental Group LLC	
NAME	Morgan Granger, MSHP	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	2
TITLE	Architectural Historian	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	15
DEGREE(S) / YEARS / SPECIALIZATION		M.S./2017/Historic Preservation; M.A./2011/History of Art and Architectural History	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A	
YEAR REGISTERED	N/A	DISCIPLINE	N/A
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Cultural Resources	
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
17 years of experience	<i>Morgan Granger is an architectural historian who exceeds the Secretary of the Interior's (SOI) Professional Qualification Standards. She has experience in Cultural Resource Management (CRM) providing preservation, conservation, and historian services to a variety of clients including governmental agencies at the local, state, and federal levels. Mrs. Granger has experience with Section 106 (of the NHPA) Compliance, Facilities Conditions Assessments for the Department of Veteran Affairs, design guidelines, documentation projects ranging from hand-drawn measured drawings (up to and including Historic American Building Survey [HABS] level) to three-dimensional laser scanning and modeling and has contributed to several grant funded projects. Additionally, she has participated in architectural/cultural/historic resource surveys and building and cemetery condition assessments throughout the United States, and as a student in Bermuda and Scotland. She has worked in several states including Alabama, Arkansas, California, Colorado, Florida, Georgia, Louisiana, Massachusetts, Mississippi, Montana, New Jersey, New York, North Carolina, Oklahoma, Pennsylvania, South Carolina, Texas, Virginia, Washington, and Washington, DC. Mrs. Granger has experience working with local, state, and federal grant projects and is familiar with requirements and procedures of grant funding. Her areas of expertise include determination of effects, Section 106 compliance, architectural/historic/cultural resource surveys, conditions assessments, resource documentation, and cemetery assessments and mapping.</i>		
2022-2024	INTENSIVE LEVEL SURVEYS FOR PENNDOT: Contributor- The intensive surveys were intended to determine eligibility of resources identified during a reconnaissance level survey for the Pennsylvania Department of Transportation (PennDOT). The Section 106 Compliance projects included extensive deed resource coupled with census and agricultural census data to determine resource significance and development eligibility recommendations. Mrs. Granger also completed architectural descriptions for resources surveyed.		
2022-2024	RECONNAISSANCE AND INTENSIVE LEVEL SURVEYS FOR TXDOT: Contributor- The reconnaissance level surveys sought to identify historic resources within the project's area of potential effect in compliance with Section 106 of the NHPA. During reconnaissance level surveys Mrs. Granger utilized historic maps and aerial imagery to identify resources prior to fieldwork. The intensive surveys were intended to determine National Register of Historic Places (NRHP) eligibility of resources identified during a reconnaissance level survey for the Texas Department of Transportation (TxDOT). The projects often included extensive research, deed research, historic map and aerial image review, and fieldwork to determine what resources were extant.		
2023	NICE BRIDGE REPLACEMENT: GEC SERVICES Contributor- In support of an archaeological data recovery project, the project included genealogical research to locate potential descendants associated with human remains identified during a Maryland Transport Authority (MDTA) bridge improvement project. Mrs. Granger utilized online resources to establish a chain of title, then using data provided by archaeological staff, she attempted to identify living ancestors. Ancestry of the family known to inhabit the property during the estimated dates of the remains were traced matrilineally, and no living ancestors were identified through the maternal line. She then traced ancestry through potential paternal relations, and the results of the research were provided to MDTA.		
2022	HISTORIC RESOURCES SURVEY OF JACKSON COUNTY, FL: Author and Surveyor- The county-wide survey was funded through the State of Florida utilizing funding from the Emergency Supplemental Historic Preservation Fund in response to Hurricanes Florence, Michael, and Typhoon Yutu. The project included in-depth research, development of a historic context, public outreach, and survey documentation-including completion of FMSF forms for each historic age resource. The survey identified approximately 8,000 historic age resources. Recommendations were made regarding historic significance and eligibility for inclusion in the NRHP. Mrs. Granger was highly involved in all aspects of the project.		

FIRM EMPLOYED BY **Providence Engineering and Environmental Group LLC**NAME **Morgan Granger, MSHP***Continued Resume*

2022	ROCK CREEK PARK MILITARY ROAD TRAIL FEASIBILITY: Contributor- The project sought to determine feasibility of a proposed trail through Rock Creek Park in Washington, DC. The scope included determinations of significance for historic age resources identified within the area of potential effect. Mrs. Granger was responsible for identifying, assessing, and providing determinations of effects for historic resources within the area of effect. These contributions were in the final report.
2022	PHASE II HISTORIC RESOURCES RE-SURVEY OF THE LOCAL HISTORIC DISTRICT: Contributor- The architectural survey was an update to the existing survey of Valdosta, Georgia's local historic district. Mrs. Granger was involved in re-photographing resources and editing the final report.
2022	SURVEY & NOMINATIONS OF HISTORIC RESOURCES IN ALABAMA: Contributor- The survey project focused on several areas of southern Alabama and included desktop reconnaissance to determine potential areas of concentrated resources which may result in historic districts. Areas of interest included the towns and cities of Slocumb, Hartford, and Geneva. Mrs. Granger assisted in the desktop reconnaissance and collaborated with colleagues to establish areas of interest and develop historic contexts for each area.

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

NAME	Will Grant	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	23
TITLE	Senior Environmental Scientist	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	7
DEGREE(S) / YEARS / SPECIALIZATION	B.S. / 1994 / Biology		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE	N/A		
YEAR REGISTERED	N/A	DISCIPLINE	N/A
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES	Role on this Project: Hazardous Materials, Regulatory, Water Quality		
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	Mr. Grant has over 29 years' experience in the environmental field conducting research, regulatory compliance and enforcement, planning, coordination, and consulting services on federal and state regulatory compliance issues for numerous governmental and private clients. Mr. Grant has successfully worked with the Louisiana Department of Agriculture and Forestry (LDAF), the Louisiana Department of Natural Resources (LDNR), and the Louisiana Department of Environmental Quality (LDEQ) on hazardous material sites for several clients. Mr. Grant has experience conducting site investigations in accordance with LDEQ's Risk Evaluation/Corrective Action Program (RECAP) and Underground Storage Tank Closure/Change-In Service Guidance Document requirements. Mr. Grant is a certified pesticide research and demonstration investigator and holds 40-hour HAZWOPER certification. His experience extends into wetlands delineation and quality, impact analysis, mitigation as well as performing invasive plant species surveys, over 200 Phase I and II ESAs, RECAP UST site investigations, noise and air analyses, permitting, surveying, operation, impact analysis, and mitigation on over 2,500 acres of wetland mitigation banks, conservation easements, and servitudes.		
01/02 – 12/10	THE TIMED PROGRAM, ENVIRONMENTAL: LA. Environmental Scientist - Conducted multiple Phase I Environmental Site Assessments on over 260 miles of proposed highway right-of-way prior to acquisition. Prepared a Phase I Environmental Site Assessment Report according to ASTM E1527-00 for each of 48 highway segments noting recognized environmental conditions within each segment. Development of FSPs, coordination and management of field work and subcontractors on over 150 sites with recognized environmental conditions within proposed highway right-of-way. Preparation of ASTM Phase II Environmental Site Assessment reports in accordance with ASTM International Standard E 1903-97, Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process citing nature and extent of recognized environmental conditions for each site. Development and execution of further investigation plans for numerous sites.		
2022	PHASE I ENVIRONMENTAL SITE ASSESSMENT, ATALCO GRAMERCY OPERATIONS: Gramercy, LA. Pangaea Conservation and Compliance - Conducted an ASTM E 1527-13 Phase I Site Assessment at an industrial facility located in Grammercy, LA for potential offsite development by a private client.		
2021	PHASE I ENVIRONMENTAL SITE ASSESSMENT, DELTA BIOFUELS: Jeanerette, LA. Pangaea Conservation and Compliance - Conducted an ASTM E 1527-13 Phase I Site Assessment on 16-acre former ethanol processing facility located in Iberia Parish, LA.		
2022	PHASE II ENVIRONMENTAL SITE ASSESSMENT, ENVIRONMENTAL CONSULTING OF LOUISIANA 25543 HWY 1032: Denham Springs, LA. Environmental Scientist - Conducted the field sampling and reporting for a suspected former C&D disposal site located in Livingston Parish, LA. Soil samples collected via Geoprobe subsurface coring in accordance with La RECAP and ASTM Phase II ESA requirements.		
2022	U.S. ARMY CORPS OF ENGINEERS PHASE II ENVIRONMENTAL SITE ASSESSMENT, SEARS AUTOMOTIVE: Lake Charles, Louisiana. Environmental Scientist - New Orleans District — Managed the field investigation to quantify recognized environmental conditions associated with the adjacent property identified in a Phase I environmental site assessment. Sampled soil via Geoprobe and groundwater via temporary monitoring wells for analysis of chemical constituents and compared the results to RECAP standards and managed the investigation of asbestos containing material and lead-based paint in accordance with ASTM International Standard E 1903-97, Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process. This assessment was conducted under EPA's TBA program.		
2024-Present	CITY OF NEW ORLEANS – AGRICULTURE STREET LANDFILL SUPERFUND SITE REDELVOPMENT: New Orleans, LA. - Assistance through construction of the community solar farm.		

FIRM EMPLOYED BY G.E.C., Inc.			
NAME	Ashlyn Harmon, PhD		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Environmental Scientist / Toxicologist		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION	B.S. / 2008 / Forensic Science (Chemistry & Biochemistry); M.S. / 2010 / Forensic Science – Toxicology (Chemistry & Biochemistry); M.S. / 2012 / Biomedical Sciences; Ph.D. / 2015 / Pharmacology and Toxicology		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE	N/A		
YEAR REGISTERED	N/A	DISCIPLINE	N/A
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES	Role on this Project: Hazardous Materials, Regulatory, Water Quality		
EXPERIENCE DATES (MM/YY–MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., “DESIGNED DRAINAGE”, “DESIGNED GIRDERS”, “DESIGNED INTERSECTION”, ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	<i>Dr. Harmon is an Environmental Scientist and Toxicologist with more than 15 years of experience supporting environmental compliance, regulatory permitting, hazardous materials assessments, remediation planning, and water quality evaluations for infrastructure, transportation, industrial, and public-sector projects. She provides technical expertise in environmental toxicology, human health and ecological risk considerations, contaminated site assessment and remediation, solid and hazardous waste management, environmental permitting, and regulatory compliance. Dr. Harmon assists project teams with the evaluation of potential environmental liabilities, hazardous materials investigations, water quality impacts, and environmental risk factors associated with project development and construction. Her experience includes supporting NEPA analyses, environmental documentation, remediation planning, permit applications, agency coordination, and the development of technical reports addressing environmental conditions and regulatory requirements. Through her multidisciplinary scientific background, Dr. Harmon helps clients navigate complex environmental challenges while ensuring compliance with applicable federal, state, and local regulations and advancing projects through environmental review and permitting processes.</i>		
2024-Present	CITY OF NEW ORLEANS – AGRICULTURE STREET LANDFILL SUPERFUND SITE REDEVELOPMENT: New Orleans, LA. <i>Environmental Scientist</i> - GEC was selected to provide engineering and environmental services for the Agriculture Street Landfill Superfund Site Redevelopment in New Orleans East. In the efforts to redevelop the site into a community solar farm, assistance includes oversight and project management for the demolition of the residential homes including asbestos abatement, along with the implementation of the remedial action by removing contaminated soil, installation of a geotextile liner at the base of excavation prior to placing appropriate backfill, installing vegetative cover, and contaminated soil/material disposal. The remedial actions were conducted in accordance with a Remedial Action Plan and a Soil Management Plan that were prepared by GEC and approved by the City of New Orleans and EPA Region 6. As part of the remedial action, GEC also prepared a Tree Maintenance Plan and a Best Management Practices Plan that were approved by the City of New Orleans, EPA Region 6, and the Louisiana Department of Agriculture and Forestry. GEC is preparing the final Remedial Action Report and all necessary close-out reports to remove the site from the National Priorities List. GEC is also assisting with the solar assessment, preliminary design, and will assist with the RFP preparation, project development, and oversight through construction of the community solar farm.		
10/24-Present	SOUTHWEST ARKANSAS RED RIVER NAVIGATION SECTION 203 EIS: Arkansas and Louisiana. <i>Environmental Scientist</i> - GEC prepared an environmental impact study (EIS) for the proposed Red River water resources development project that will extend shallow draft navigation 135 miles from Shreveport, LA to Southwest Arkansas. This EIS examined the affected area of the proposed project and addressed environmental concerns such as air quality, cultural resources, socioeconomics, transportation, floodplains and flood control, water supply and use, and hazardous, toxic, and radioactive waste (HTRW). The purpose of these studies was to identify any environmental impacts, beneficial or adverse, resulting from the extension of the shallow draft navigation and present them in a clear and concise manner.		
10/24-2025	GREENPOINT, INC. – SOLID WASTE PERMIT MAJOR MODIFICATION: Broussard, LA. <i>Environmental Scientist</i> - Assisted with a solid waste permit major modification application to expand the existing landfill, revise existing final cover slope, and change the frequency of interim cover placement. Permitting activities included revisions to the master plan, cross-sectional drawings, the operational plan, closure plan and closure costs, environmental assessment statement (IT Questions), and the logging of a test pit to evaluate the subsurface and demonstrate natural soil permeability.		

FIRM EMPLOYED BY G.E.C., Inc.			
NAME	Emily Welch, PG		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Professional Geologist		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2019 / Geosciences (Geology concentration)	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		1449 / Louisiana / 05-22-2026	
YEAR REGISTERED	2025	DISCIPLINE	Geology
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Hazardous Materials, Regulatory, Water Quality; Geology	
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	<i>Ms. Welch is a Professional Geologist in Louisiana with six years of experience in the environmental consulting field. She has a wide variety of experience with environmental compliance, project management, and permitting including the development of solid waste permits and modifications, risk management plans and process safety management compliance and assistance, off-site consequence analyses, risk assessment, remedial action field activities and reporting, Phase I Environmental Site Assessments, Phase II Environmental Site Assessment activities and reporting, submittals and preparation of hazardous waste permit renewals and hazardous waste post-closure permit renewals, monitoring well installations, and groundwater monitoring services for industrial, commercial, and municipal facilities throughout Louisiana. Ms. Welch also has experience in subsurface investigations for soil and groundwater, which includes classifying soils and identifying groundwater bearing units across Louisiana. Ms. Welch's experience includes working with various drilling platforms such as truck, buggy, and amphibious track-based rigs utilizing direct push, hollow stem auger, sonic, and mud rotary drilling techniques.</i>		
2024 - Present	CITY OF NEW ORLEANS – AGRICULTURE STREET LANDFILL SUPERFUND SITE REDEVELOPMENT: New Orleans, LA. Geologist - Assistance includes oversight and project management for the demolition of the residential homes including asbestos abatement, along with the implementation of the remedial action by removing contaminated soil, installation of a geotextile liner at the base of excavation prior to placing appropriate backfill, installing vegetative cover, and contaminated soil/material disposal. The remedial actions were conducted in accordance with a Remedial Action Plan and a Soil Management Plan that were prepared by GEC and approved by the City of New Orleans and EPA Region 6. As part of the remedial action, GEC also prepared a Tree Maintenance Plan and a Best Management Practices Plan that were approved by the City of New Orleans, EPA Region 6, and the Louisiana Department of Agriculture and Forestry. GEC is preparing the final Remedial Action Report and all necessary close-out reports to remove the site from the National Priorities List. GEC is also assisting with the solar assessment, preliminary design, and will assist with the RFP preparation, project development, and oversight through construction of the community solar farm.		
2024 - 2026	INTERNATIONAL MATEX TANK TERMINAL: St. Rose Facility, St. Rose, LA. Geologist - Providing continued assistance with the closure of a tank release to soil and groundwater utilizing the LDEQ's RECAP Management Options.		
2025	WSP USA – PIPELINE RELEASE SOIL SAMPLING: Iberville Parish, LA. Geologist - GEC was requested to assist with a brine pipeline release in Iberville Parish. Prior to sampling, GEC conducted a preliminary site visit to develop appropriate soil sampling locations and prepared a Soil Sampling Work Plan that was approved by the LDEQ. GEC collected soil samples utilizing hand auger techniques in accordance with the approved Work Plan. Once analytical results were received, GEC prepared a Soil Sampling Report documenting the sampling procedures and the analytical results.		
2025 - Present	LADOTD S.P. NO. H.003931.6 / CALCASIEU RIVER BRIDGE (HBI) (CE&I) ROUTE: I-10: Calcasieu Parish, LA. Geologist - GEC provides environmental compliance assistance to support project development, due diligence, and regulatory decision-making efforts. Services include technical review of environmental compliance and mitigation plans to evaluate consistency with applicable federal, state, and local regulatory requirements, permitting conditions, and industry best practices. GEC also provides technical review of environmental documents such as Phase I and Phase II Environmental Site Assessments (ESAs) to evaluate recognized environmental conditions, site characterization data, potential environmental liabilities, and overall project risks. Based on review findings, GEC develops recommendations regarding appropriate paths forward, such as additional investigation, regulatory coordination, mitigation strategies, remediation considerations, and other project-specific compliance actions necessary to support informed decision-making and successful project advancement.		

FIRM EMPLOYED BY Providence Engineering and Environmental Group LLC			
NAME	Clinton Wallace, PG		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Geologist		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2014 / Geology; M.S. / 2017 / Environmental Engineering Sciences	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		1388 / Louisiana / 01-10-2027	
YEAR REGISTERED	2023	DISCIPLINE	Geology
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Hazardous Materials, Regulatory, Water Quality	
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
9 years of experience	<i>Clinton Wallace, PG, RPG, is an experienced geologist with expertise in environmental site assessments, subsurface investigations, groundwater monitoring, remediation, and environmental compliance. His professional consulting experience includes managing and executing Phase I Environmental Site Assessments (ESAs), Phase II Environmental Site Investigations, corrective action programs, groundwater monitoring and reporting, solid waste permitting, SPCC Plans, SWPPPs, TRI and Tier II reporting, and fenceline monitoring. Mr. Wallace has successfully led soil, groundwater, and soil vapor investigations, contaminant delineation efforts, remediation projects, and regulatory compliance initiatives across industrial, commercial, and governmental sectors. He works closely with state and federal regulatory agencies to develop practical, cost-effective solutions that address environmental liabilities while supporting client objectives. Mr. Wallace provides leadership throughout all phases of a project, from due diligence and site characterization to remediation and regulatory closure. He has a proven track record of delivering high-quality work products on schedule while helping clients navigate complex environmental challenges with confidence.</i>		
03/26-04/26	INTERNATIONAL PROCESS PLANTS AND EQUIPMENT CORPORATION, PHASE I ESA: Winnie, TX. Field Geologist - Providence conducted a Phase I ESA at a 4.5-acre tract. The Phase I ESA was performed in general conformance with the requirements of the United States Environmental Protection Agency (EPA) in the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments and was conducted to improve the understanding of the environmental conditions and to detail any continuing obligations, business risks, and any environmental redevelopment considerations specific to the Property. The assessment consisted of a site visit to evaluate current conditions and document on-site processes, operations, and equipment. The assessment also included reviews of regulatory documents related to the Property and nearby facilities, review of historical information (city directory listings, topographic maps, aerial photographs, etc.), and interviews with various parties. Results of the Phase I ESA did not identify recognized environmental conditions (RECs) in connection with the Property, but the former reining operations adjacent to the north of the property represent a REC. Relevant tasks include ASTM-compliant Phase I ESA, Records review of state and federal regulatory agency databases, Water Well Search, Historical Use and Development Information.		
01/26-03/26	CLECO POWER LLC, PHASE I ESA: St. Tammany Parish, LA. Field Geologist - Providence performed the Phase I ESA for a 19.25-acre tract in Lacombe, LA. The Phase I ESA was performed in conformance with the requirements of the EPA in the ASTM Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM E1527-21 and the AAI Standard (40 CFR §312) on the Property. Based on our review of applicable federal and state regulatory agency records, historical records, interviews with persons knowledgeable about the Property, and site reconnaissance, Providence, through this assessment, has identified no evidence of RECs associated with the Property.		
08-23-02/26	LADOTD STATE PROJECT NO. H.003915, LEGACY NO. 700-09-0171, I-49 INNER CITY CONNECTOR STAGE 1 ENVIRONMENTAL IMPACT STATEMENT, PHASE I ESA: Shreveport, LA. Field Geologist - The project involved preparing a NEPA Environmental Impact Statement and interchange reports for environmental clearance of an approximately 3.5-mile connector linking existing I-49 at I-20 to I-49 North at I-220. Providence conducted a desktop review and limited Phase I ESA for the Louisiana Department of Transportation and Development (LADOTD) within the I-49 Connector project area. The desktop review and limited Phase I ESA included elements required by the U.S. EPA under ASTM E1527-21 and the All-Appropriate Inquiry Standard (40 CFR § 312) but was not intended to satisfy full ASTM Phase I ESA requirements. Providence identified evidence of several recognized environmental conditions during the assessment.		
07/24-08/24	GRAND ISLE SHIPYARD, PHASE I ESA: Jefferson and Lafourche Parishes, LA. Project Manager/Geologist- Conducted two Phase I ESAs for Grand Isle Shipyard in Galliano and Grand Isle Louisiana. Site visits were conducted; historical and available regulatory records were reviewed. Issues were not identified in connection with these sites and as such, no further investigations were warranted.		

FIRM EMPLOYED BY **Providence Engineering and Environmental Group LLC**NAME **Clinton Wallace, PG***Continued Resume*

07/24-02/25	ATLAS TECHNICAL CONSULTANTS, LLC, MISSISSIPPI RIVER BRIDGE GBR: LA 1 TO LA 30 CONNECTOR: East Baton Rouge, West Baton Rouge, Ascension, and Iberville Parishes, LA. Project Geologist- This project includes an Enhanced Planning investigation with the ultimate objective of constructing a new crossing of the Mississippi River. Providence, as a subconsultant to Atlas Technical Consultants, LLC, is providing environmental services that include identifying the preliminary purpose and need (P&N), revising, submitting and updating P&N; permitting agency coordination; reviewing of studies and plans for data gaps; GIS figures; identifying corridors that meet P&N; identifying alternative boundaries; developing/submitting Environmental Screening methodology; compiling environmental inventory for alternatives for use in narrowing alternatives; support outreach and engagement overview, providing appropriate input for the CARB-D website, developing a draft Final Report for Phase I, addresses comments from Phase I, preparing materials and attending agency brief meetings/focus group meetings, and public meetings.
09/23-11/23	INOX INDIA, LTD. PHASE I ESA: Chambers County, TX. Project Manager/Geologist- Conducted a Phase I ESA at a 0.73-acre site in Baytown, TX. A site visit was conducted; historical and available regulatory records were reviewed. Issues were not identified in connection with the site and as such, no further investigation was warranted.
06/22-04/23	LADOTD CONTRACT NO. 4400007803 SUPPLEMENTAL AGREEMENT NO 1, H.005121.5, PHASE I ESA: Iberville Parish, LA. Geologist- Conducted a Phase I ESA for a confidential industrial property in Louisiana. Site visit activities were completed, and historical sources and available regulatory records were reviewed. RECs were identified in connection with past operations at the site. Based on these findings, a Phase II ESA was recommended and subsequently conducted to further evaluate potential subsurface impacts.
09/23-10/23	TENAWA HAVEN PROCESSING, LLC, PHASE I ESA: Haven, KS. Project Manager- Conducted a Phase I ESA, in Reno County Kansas in accordance with ASTM E1527-21 and the AAI Standard (40 CFR §312). Based on the findings, recommendations were prepared and submitted to the client.
02/23-05/23	PREMIER CHEMICALS & SERVICES PHASE I ESA: Baton Rouge, LA. Project Manager- Conducted a Phase I ESA at a 7.5-acre site. A site visit was conducted, and historical & available regulatory records were reviewed. Issues were not identified in connection with the site and as such, no further investigation was warranted.
01/23	LOUISIANA INTEGRATED PE JV LLC, LYONDELL PHASE I ESA: Westlake, LA. Project Manager- Conducted a Phase I ESA of the 5-acre industrial site in accordance with ASTM E1527-21. The intent of this Phase I ESA was to provide LIP-JV with information on potential liability concerns in connection with the Property. This assessment did not reveal evidence of RECs in connection with the Property.
06/22-08/22	DEEP RIVER INVESTMENTS, V-SYSTEMS, DESKTOP PHASE I ESAS: Lea County, NM. Project Manager- Conducted Phase I site visits and ESAs of 4 properties in New Mexico totaling over 1,000 acres of multiple oil and gas production/exploration sites. The Site visit included assessment of previously identified crude oil/produced water spill locations to evaluate RECs, HREC, or de minimis conditions, assessment of active well and production sites to identify any RECs or de minimis conditions, assessment of the conditions of the adjoining properties, and representative photographs of all locations assessed to be included with the final ESA Report. Providence provided a final ESA Report with findings, photographs, and conclusions, following the ASTM E1527-21. Based on the findings of the Phase I ESA, no RECs were identified in connection with the Properties.
06/18-08/18	MCKIM & CREED, INC., PHASE I ESAS: Southwest TX. Environmental Scientist- Conducted Phase I ESA site inspections at seven wastewater reinjection well sites for the oil industry. Assisted in the writing of the reports for these seven plus six more facilities throughout southwest Texas.

FIRM EMPLOYED BY G.E.C., Inc.			
NAME	Don Morris		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Economist		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.A. / 1980 / Economics; M.S. / 1983 / Economics	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A	
YEAR REGISTERED	N/A	DISCIPLINE	N/A
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Community Impact Assessments, Economics	
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	<i>Mr. Morris has a wide array of experience both in the public and private sector of the economy. He has been extensively associated with USACE, FEMA, USDOT, FHWA, FERC, USDA, and several other state, local, and federal agencies in providing economic insights through highly sophisticated analyses and clear and concise reporting. Richard also has extensive in-depth experience in both civil and residential construction projects including on hands experience with competitive market analysis, project planning & engineering & design, and final marketing.</i>		
2022	FINANCIAL PLAN - CALTRANS, CITY OF TEMECULA, AND RIVERSIDE COUNTY TRANSPORTATION COMMISSION: Developed a financial plan for the I-15/French Valley Parkway Improvement Project, involving a Project Phasing Schedule (based on planning, engineering, design, right-of-way acquisitions, permitting, obligation of funds, bidding protocols, and construction implementation). Funding relative to these spending categories were incorporated into a source and use of funds schedule and evaluated within on a cash flow analysis to ensure positive annual funding was available for all aspects of the Project, as required by Title 23, US Code, Section 106, and Financial Plan guidance issued by the FHWA. Work done prior to GEC.		
2021-2022	VISITOR AND ECOLOGICAL VALUE IMPACT ECONOMIC ANALYSIS - FHWA AND MARYLAND DEPARTMENT OF TRANSPORTATION: Conducted an analysis of visitor and ecological value impacts resulting from a proposed state transportation project (visitation valued per day usage; wetlands, forests valued in discounted service area years) on National Park Service Lands just north of Washington D.C. The analysis is part of the FEIS to aid the FHWA, MDOT, and NPS in understanding potential impacts on park visitors during construction, and from wetland fill and forest tree removal on NPS lands because of construction. Visitation impacts were valued as per day usage and wetlands and forests impacts were valued in discounted service area years. Knowing the monetary value of impacts better informs mitigation discussions ensuring the proper level of mitigation or restoration is provided to offset impacts. Work done prior to GEC.		
2021-2022	TRANSMISSION ELECTRIC AND SOLAR ENERGY BCA - ECONOMIC REVIEW FOR CALIFORNIA PUBLIC UTILITIES COMMISSION - SOUTHERN CALIFORNIA EDISON BENEFIT COST ANALYSIS OF ALTERNATIVES, ALBERHILL SYSTEM PROJECT: Conducted a technical review of a BCA and LCAA and found inconsistencies with treatment of capital and O&M costs and benefits overtime, present value rates of return, value of service/ willingness-to-pay study, reliability assessment, and forecasting analysis (PV Watts Forecast, Effective PV Forecast, Spatial Base Forecast) for a new electric substation, transmission lines, and photovoltaic alternatives located in Riverside County, CA. The benefit cost analysis compares alternatives life-cycle costs to monetized system performance benefits based upon event probability weighted energy no served and a value of service study. Work done prior to GEC.		
2021-2022	ECONOMIC FEASIBILITY STUDY, TRANSPORTATION BCA - FHWA AND NEW YORK STATE DOT: Conducted economic analysis to determine federal and state spending effects of removal of the Buffalo Skyway Bridge and associated new highway project. The EIA quantitatively evaluates regional employment, output, and income impacts of project using input-output modeling. The BCA estimates and monetizes the annual costs and benefits accruing from alternatives beginning in the base year and projected 20 years in the future, discounted to the base year for depicting the overall costs in terms of present dollars and for comparing each alternative benefit cost ratio equitably. Benefit categories include quantification of impacts from vehicle time and operating cost savings, emissions, safety, shared-use path and greenspace values, storm water, reuse of fill material, wildlife values, and O&M cost savings between baseline (grade separated Skyway Bridge) and Project (at-grade roadway) conditions. Analysis also included expected spending for new non-governmental business developments within an economically depressed area (federal opportunity zone) that would happen but for the Project. Work done prior to GEC.		

FIRM EMPLOYED BY G.E.C., Inc.				
NAME	Mario Durbic		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	1
TITLE	Project Manager		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	7
DEGREE(S) / YEARS / SPECIALIZATION		B.A. / 2015 / Sociology; B.S. / 2015 / Civil Engineering; M.S. / 2018 / Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A		
YEAR REGISTERED	N/A	DISCIPLINE	N/A	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Coastal Zone, Floodplains, H&H Modeling		
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).			
	Mr. Durbic supports design projects with tasks such as program management, grant management, quality control and reviews, field inspections, data collection, hydrologic and hydraulic modeling and technical report writing. Mr. Durbic's modeling capabilities include working with riverine 1D simulation program HEC-RAS for channel hydraulic studies. Rainfall-Runoff modeling programs HEC-HMS, PCSWMM and EPA SWMM for hydrologic and network modeling conditions. For more complex hydraulic design issues multidimensional analysis program HEC-RAS 2D. In addition to the hydraulic-hydrologic modeling capability, Mr. Durbic is also experienced in geographic information systems (GIS) for both visualizing results, processing spatial information sets, and the analysis of large spatial information sets. His understanding of water resources and capabilities in computer modeling and GIS enables him to provide quality evaluations and project needs assessments that incorporate the latest in geospatial information. He also helps with various bridge and levee field inspections. His responsibilities have included inspection of various types of superstructures and substructures.			
01/25-Present SECTION 17 PROJECT	LADOTD S.P. NO. 4400025040 / IJJA OFF-SYSTEM BRIDGE PROGRAM: East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, and Assumption Parishes, LA. Project Manager - Mr. Durbic is Project Manager providing hydrologic and hydraulic modeling and scour analyses to support the evaluation and replacement of off-system bridges across Louisiana. Responsibilities include oversight of H&H modeling (HEC-RAS), scour evaluation in accordance with FHWA guidelines, and development of alternatives to improve bridge hydraulics and resiliency. Deliverables include technical reports, design recommendations, and coordination with design teams to integrate drainage and scour mitigation measures into bridge replacement projects.			
03/25-Present	LIVINGSTON PARISH DRAINAGE MASTERPLAN: Livingston Parish, LA. Project Manager - Mr. Durbic is serving as Project Manager for the development of a parish-wide drainage masterplan to evaluate existing conditions and identify flood risk reduction projects. Responsibilities include program management, data collection, QA/QC of hydrologic and hydraulic models (HEC-RAS, PCSWMM), coordination with stakeholders, existing conditions analysis, project identifications and solutions, and help with oversight of GIS-based asset inventory and data management. Deliverables include stakeholder engagement, calibrated watershed models, project identification, benefit-cost analyses, and a prioritized capital improvement plan for future drainage improvements.			
07/24-Present	WARD CREEK DISTRIBUTED DETENTION: Baton Rouge, LA. Project Manager - Mr. Durbic provided project management and quality control for the Ward Creek Distributed Detention Environmental Assessment Project. This is a federally funded project through FEMA's Hazard Mitigation Grant Program (HMGP) and Office of Community Development (OCD) Community Development Block Grant (CDBG). The project goal is to provide additional storage capacity to East Baton Rouge's currently stressed drainage system, reduce flooding, and provide needed green space to the City/Parish. As a sub-consultant to Arcadis, GEC was scoped to prepare all environmental documents in accordance with NEPA. Mr. Durbic assisted with various aspects of the project including environmental clearance in accordance with federal regulations, stakeholder outreach, and quality control.			
06/18-02/19	LADOTD S.P. NO. H.003931 / FAP NO. BR-10-I (212)29 / I-10 CALCASIEU RIVER BRIDGE AND APPROACHES EIS: Calcasieu Parish, LA. Engineer 1 - Mr. Durbic was an engineer who helped with EIS documentation, alternatives scoping and screening, preparation and/or review of technical documents, public involvement, interagency coordination, and all other tasks related to completing the NEPA review. Work done prior to GEC.			
11/18-02/19	EAST BATON ROUGE PARISH STORMWATER MASTER PLAN – PHASE I: East Baton Rouge Parish, LA. Engineer 1 - Mr. Durbic was an engineer who helped with the development of a Parish-wide stormwater master plan study and 20-year stormwater capital improvement projects (CIP). Developed high-level plans and cost estimates for benefit analysis and consequences of development. Work done prior to GEC.			

FIRM EMPLOYED BY G.E.C., Inc.			
NAME	Derek Miller		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Graduate Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2023 / Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A	
YEAR REGISTERED	N/A	DISCIPLINE	N/A
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Coastal Zone, Floodplains, H&H Modeling	
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
 Mr. Miller is a graduate engineer with one year of experience in supporting water resources and water quality engineering projects across multiple states for various clients ranging from public entities to municipalities. With his bachelor's degree in civil engineering from Louisiana State University and his proficiency in HEC-RAS, HEC-HMS, Arc-GIS, HydroCAD, and AutoCAD Civil 3-D, Mr. Miller brings versatile modeling, design, development, analysis, and reporting skills directly applicable to a diverse array of environmental and civil engineering challenges such as watershed management, flood control, and sustainable urban drainage.			
08/25-Present	SECTION 17 PROJECT LADOTD S.P. NO. 4400025040 / IIJA OFF-SYSTEM BRIDGE PROGRAM: East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, and Assumption Parishes, LA. Engineer/Modeler - Mr. Miller is serving as an engineer/modeler for the Canfield Road of the IIJA Off-System Bridge, a project aimed at managing drainage challenges in West Feliciana, Louisiana. His role involves collaborating with other technical professionals to define objectives, scope, and deliverables while developing a detailed project plan outlining timelines, resources, and milestones. He developed a one-dimensional hydraulic model using HEC-RAS to simulate flow conditions within the study reach. The modeling process involved creating and modifying cross sections based on a combination of detailed survey data and topographic information to accurately represent channel geometry and floodplain features. He carefully assigned values to various channel and overbank areas to reflect surface roughness characteristics, ensuring realistic flow resistance parameters. Using this calibrated model, he evaluated four different design alternatives to assess their hydraulic performance and potential impacts on flood conveyance. The results of each alternative were compared against the existing condition model to quantify improvements and identify potential trade-offs. Throughout the process, Mr. Miller maintained close coordination with the Engineer of Record (EOR), providing regular updates, incorporating feedback, and aligning model assumptions with overall project objectives. This collaborative approach ensured that the hydraulic modeling informed effective and practical design decisions.		
04/25-Present	LIVINGSTON PARISH DRAINAGE MASTER PLAN: Livingston Parish, LA. Engineer/Modeler - Mr. Miller is serving as an engineer/modeler for the Livingston Parish Drainage Master Plan, a transformative initiative targeting critical drainage challenges in Livingston Parish, Louisiana. He plays a key role in partnering with technical experts to shape project goals, define scope and deliverables, and craft a comprehensive project plan that strategically aligns timelines, resources, and milestones for impactful execution. Mr. Miller contributes to gathering and interpreting hydrologic and terrain data to evaluate drainage system performance and pinpoint areas requiring strategic enhancements. He participates in the formulation of resilient, cost-efficient drainage solutions designed to meet regulatory standards and align with modern engineering practices. In addition, Mr. Miller assists in the creation of comprehensive reports detailing findings, proposed solutions, and implementation strategies, ensuring accurate project documentation. Moving forward, he will assist the implementation of approved drainage solutions, ensuring adherence to timelines and budgets while following protocols for monitoring their effectiveness. He will continue participating in communication, maintaining risk management strategies, and conducting a final project evaluation to assess overall success and document lessons learned.		

FIRM EMPLOYED BY G.E.C., Inc.			
NAME	Jonathan Puls, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Senior Professional Civil Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1999 / Civil Engineering; B.S. / 2006 / Environmental Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		34739 / Louisiana / 09-30-2027	
YEAR REGISTERED	2009	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Coastal Zone, Floodplains, H&H Modeling	
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
 Mr. Puls has more than 20 years of experience with civil, environmental, and coastal engineering projects, having worked on a wide variety of projects ranging from ecosystem restoration, drought studies, permitting and compliance, non-point source runoff improvements, and construction management, including feasibility studies, environmental assessments, and environmental impact statements. He also has a background in natural stream design, cost estimating, risk analysis, incremental cost analysis, and network administration. He has worked with Corps Districts throughout the country including the New Orleans, San Francisco, and Jacksonville Districts.			
2024-Present SECTION 17 PROJECT	LADOTD S.P. NO. 4400025040 / IJA OFF-SYSTEM BRIDGE PROGRAM: East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, and Assumption Parishes, LA. Hydrologic and Hydraulic Engineer - Mr. Puls provided hydrologic and hydraulic expertise during the design phase of this bridge replacement project for LADOTD. Mr. Puls performed hydrologic and hydraulic modeling to estimate stormwater discharge under hypothetical storm events and the resulting water surface elevations for both the existing and proposed bridge structures. Specific tasks included delineation of the drainage area, evaluation of watershed characteristics, and utilizing Global Mapper, HEC-HMS, HYDR2009, and HEC-RAS software to evaluate and model hydrologic and hydraulic conditions. Model results were utilized to determine if the proposed bridge design would increase water surface elevations for the specified design storm and potentially exceed the low cord of the proposed bridge deck elevation.		
2017-2022 SECTION 17 PROJECT	THIRD PARTY EIS FOR THE MID-BARATARIA SEDIMENT DIVERSION: Plaquemines Parish, LA. Environmental Engineer - The Mid-Barataria Sediment Diversion will be the first major controlled sediment diversion reconnecting the Mississippi River with its delta. It is a cornerstone of Louisiana's Coast Master Plan and will provide sediment, water, and nutrients to the Barataria Basin in order to build land, maintain and sustain wetlands. Mr. Puls served as an Environmental Engineer for the development of the Environmental Impact Statement (EIS), required by the National Environmental Policy Act (NEPA) to evaluate the impact on human environments for the project. As part of the EIS process, significant public engagement occurred, and the final EIS clearly and transparently describes the environmental effect of the proposed Mid-Barataria Sediment Diversion.		
2020-Present SECTION 17 PROJECT	LADOTD S.P. NO. H.004100 / I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12: Baton Rouge, Louisiana. Project Engineer - Mr. Puls assists with development and annual updates of the Project Management Plan (PMP), Initial Financial Plan (IFP), and Project Implementation Plan (PIP). This includes coordinating with project managers at LADOTD and GEC to provide updated budget projections, timelines, and project management documentation.		
2022-Present	LADOTD S.P. NO. 44-04128, H.004273.5 / I-49 CONNECTOR, LAFAYETTE REGIONAL AIRPORT TO I-10/I-49/US 167 INTERCHANGE: Lafayette, LA. Project Engineer - Mr. Puls developed and currently maintains the project schedule for the design phase of the I-49 Connector project in Lafayette. The project schedule is managed in Microsoft Project for over 500 individual tasks and 15 task categories. Mr. Puls continually evaluates and updates the schedule by tracking the progress and completion of tasks and coordinating with task leaders. Mr. Puls also evaluates the critical path to identify tasks causing schedule slippage and coordinates with the responsible parties. He presents the status of project tasks and overall schedule during weekly meetings with LADOTD management. Mr. Puls also evaluated floodplain impacts within rights-of-way required for the I-49 Connector in Lafayette. Working closely with project designers, he compared existing and proposed project features located within the 100-year floodplain to identify areas where floodplains would be impacted. The quantified findings and evaluation methods were presented for inclusion in SEIS documentation.		

FIRM EMPLOYED BY G.E.C., Inc.			
NAME	Kevin Horn, PhD		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Senior Navigation Economist		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		Ph.D. / 1975 / Logistics & Marketing ; MBA / 1971 / Transportation and Physical Distribution; B.S. / 1969 / Transportation and Accounting	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A	
YEAR REGISTERED	N/A	DISCIPLINE	N/A
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Navigation & USCG Permits, Economics	
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	<i>Dr. Horn has over 50 years' experience in transportation, freight, and vessel planning, research, and analysis. His experience includes logistics analysis, simulation modeling, cargo forecasting, evaluation of vessel fleet trends, facility congestion impact studies, and multimodal analysis for river basins, seaports, and overseas harbors. He has taught transportation economics and logistics at two universities and published over 40 articles on transportation and logistics. Dr. Horn has worked extensively in transportation with the U.S. Army Corps of Engineers as a self-employed consultant and subcontractor such as with G.E.C., Inc. (prior to 2003). As a consultant to the Corps, he has conducted studies on the impacts of lock congestion on barge shippers. The studies required extensive field research and in-depth shipper interviews. He was responsible for the design and specification of the COE's towboat and barge operating costs. He also developed offshore tug-barge costs and supervised the specification of deep-draft ocean vessel costs. His experience in waterway network analyses includes a long-term projection of commodities for the Gulf Intracoastal Waterway (GIWW) and feasibility analyses for deepening of the Houma Navigation Canal. He assisted the Corps of Engineers in the revision of the "Deep Draft Navigation Planning Manual of Guidance for Corps Planners" that he co-authored in 1991 and revised in 2008.</i>		
2017 - 2022	THIRD PARTY EIS FOR THE MID-BARATARIA SEDIMENT DIVERSION (MBSD) (BA-153), CPRA: Plaquemines Parish, LA. Navigation Specialist - The EIS was prepared under the direction of USACE, New Orleans District, to aid in their decision-making regarding CPRA's permit application pursuant to Section 404 of the Clean Water Act (CWA) and Section 10 of the Rivers and Harbors Act, and permissions under 33 U.S.C. Section 408. Dr. Horn provided navigation impact analyses along the Mississippi River and developed associated reports and report sections.		
2015	VESSEL TRAFFIC FORECAST FOR THE GIWW AS IT RELATES TO THE CALCASIEU LOCK VESSEL TRAFFIC FORECAST FOR THE GULF INTRACOASTAL WATERWAY SYSTEM AS IT RELATES TO THE IHNC LOCK ECONOMIC UPDATE STUDY. USACE, NEW ORLEANS DISTRICT: Calcasieu Lock, LA & New Orleans, LA. Economist -- A very long-term commodity and vessel forecast for the GIWW and the Calcasieu Lock and the GIWW and the IHNC was prepared. Because the major categories of barge traffic through the GIWW system are energy related, specialized long-term energy production and consumption forecasts were extrapolated from the US DOE. The DOE forecasts extending to year 2035 and 2040, respectively were extrapolated for the full time frame of with-project conditions extending out to 2072 and 2074, respectively. The result is a forecast of commodity tons and vessels expected to use the GIWW system and Calcasieu Lock and the GIWW system and IHNC.		
2013	VESSEL TRAFFIC FORECAST FOR THE GIWW AS IT RELATES TO THE CALCASIEU LOCK, USACE, NEW ORLEANS DISTRICT: CALCASIEU LOCK, LA. Economist - A very long-term commodity and vessel forecast for the Gulf Intracoastal Waterway (GIWW) and the Calcasieu Lock was prepared. Because the major categories of barge traffic through the GIWW system including the Calcasieu Lock are energy related (crude oil, refined petroleum products and chemicals) specialized long-term energy production and consumption forecasts were extrapolated from the US Department of Energy (DOE). The DOE forecasts extending to year 2035 were extrapolated for the full-time frame of with-project conditions extending out to 2072. The result is a forecast of commodity tons and vessels expected to use the GIWW system and Calcasieu Lock.		
2009 - 2010	CALCASIEU RIVER DMMP: Calcasieu River, LA. Economist - Dr. Horn developed economic NED benefits for maintenance dredging of the Calcasieu River between mouth and Port of Lake Charles and associated facilities.		

FIRM EMPLOYED BY Bowlby & Associates, Inc.			
NAME	Darlene Reiter, PhD, PE	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	32
TITLE	President	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	8
DEGREE(S) / YEARS / SPECIALIZATION	Ph.D. / 1997 / Civil Engineering; M.S. / 1991 / Civil Engineering; B.S. / 1988 / Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE	101738 / Tennessee / 07-31-2026 (renewed and awaiting new certificate)		
YEAR REGISTERED	1996	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES	Role on this Project: Air & Noise		
EXPERIENCE DATES (MM/YY–MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., “DESIGNED DRAINAGE”, “DESIGNED GIRDERS”, “DESIGNED INTERSECTION”, ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
<i>40 years of experience</i>	<i>Project and Contract Manager, Noise and Air Quality Analysis: Complex noise modeling; barrier design; air quality analyses, including conformity and MSATs; report preparation; agency and public meetings; planning and administration.</i>		
2017 – Present 2012 - 2016 1997 – 2011 1994 – 1996	Bowlby & Associates, Inc.: President, Vice President, Sr. Project Manager/Engineer, Project Engineer - • Project Manager for numerous noise and air quality analyses for large-scale projects for many State DOTs and local governments • Expert in the use of the FHWA Traffic Noise Model version 2.5 (TNM 2.5) • Lead instructor of Bowlby & Associates’ 5-day training course on Traffic Noise Fundamentals and TNM 2.5 • Project Manager for TNM 3.2 Beta Testing for USDOT Volpe Center and FHWA • Member of the FHWA’s Tire-Pavement Noise Working Group that developed AASHTO Standard Methods for <i>Determining the Influence of Road Surfaces on Vehicle Noise Using the Statistical Isolated Pass-By Method (SIP)</i> and <i>Continuous-Flow Traffic Time-Integrated Method (CTIM)</i> • Past member of the Transportation Research Board Committee on Transportation-Related Noise and Vibration (AEP 80) • Researcher for numerous FHWA research projects and documents, including <i>Evaluation of 23 CFR 772 for Opportunities to Streamline and Establish Programmatic Agreements (FHWA-HEP-17-060 and FHWA-HEP-17-061)</i>, <i>Noise Measurement Handbook and Field Guide (FHWA-HEP-18-065 and FHWA-HEP-18-066)</i>, and <i>lead author of Techniques for Reviewing Noise Analyses and Associated Noise Reports (FHWA-HEP-18-068)</i> • Researcher for NCHRP 25-44, <i>Field Investigation of Reflected Noise from a Single Noise Barrier</i> and NCHRP 25-52, <i>Meteorological Effects on Roadway Noise</i> • Project-level air quality expert and coordinator of the Interagency Coordination (IAC) process for TDOT from 2009-2019 • Trained and experienced with EPA’s MOVES and hot-spot modeling • Project Manager for the development of TDOT’s Mobile Source Air Toxics (MSAT) and climate change spreadsheet tools • Case Study Team member for FHWA’s <i>Air Quality and Congestion Mitigation Measures Outcomes Assessment Study</i> Sample work and projects serving as Project Manager or with a major role: • Louisiana DOTD: I-10 from LA 415 to Essen Lane (I-10/I-12), East and West Baton Rouge Parishes; I-49 Inner City Connector, Caddo Parish; I-49, St. Mary Parish. • Tennessee DOT: I-440 Reconstruction, I-40/Donelson Pike Interchange, and I-65 Widening in Davidson County; I-55 and Crump Boulevard Interchange and I-240 Widening in Shelby County; I-75/I-24 Interchange in Hamilton County; and the Pellissippi Parkway Extension and Alcoa Bypass in Blount County. In-house consultant assisting with the noise and air quality program; Type II Noise Barrier Needs and Cost Assessment Studies; TDOT Noise Policy and Procedures Updates; SR 840 Pavement Noise Study; numerous final noise barrier design projects across the state; and noise inquiry response. • Arkansas DOT: Type II Noise Barrier Studies, Statewide; I-49 Widening and Interchange Improvements, Washington and Benton Counties; Highway 112 Improvements, Washington and Benton Counties. • Missouri DOT: Managed noise reviews for many projects, including the controversial I-270 and I-64 widening projects in St. Louis County. • Mississippi DOT: US 51 Widening between Church Street and Green T Road, DeSoto County.		

FIRM EMPLOYED BY **Bowlby & Associates, Inc.**NAME **Darlene Reiter, PhD, PE***Continued Resume*

- Alabama DOT: I-65 Widening from South of US Hwy 31 to North of US Hwy 31, Shelby County.
- Georgia DOT: Type II noise barrier study manager for a 3-County Atlanta metropolitan area, including development of a noise barrier GIS and congressional liaison package.
- FHWA: Co-author of *Evaluation of 23 CFR 772 for Opportunities to Streamline and Establish Programmatic Agreements* (through RSG) and lead author of a “how to” guide for noise study review titled “*Techniques for Reviewing Noise Analyses and Associated Noise Reports for 23 CFR 772 Accelerated Process: Measurement and Modeling Techniques. Case Study Team member for FHWA’s Air Quality and Congestion Mitigation Measures Outcomes Assessment Study.*”
- National Cooperative Highway Research Program: Researcher for NCHRP 25 44, *Field Investigation of Reflected Noise from a Single Noise Barrier and NCHRP 25-52, Meteorological Effects on Roadway Noise.*

1997 - 2000

VANDERBILT UNIVERSITY: Adjunct Assistant Professor of Civil Engineering, Dept. of Civil & Environmental Engineering: Taught Environmental Analysis of Transportation Systems and Transportation Planning courses.

RESEARCH ASSISTANT, DEPT. OF CIVIL & ENVIRONMENTAL ENGINEERING: Conducted traffic noise, air quality, and ITS research. Dissertation research on evaluating the emissions benefits of traffic signal coordination systems using vehicle modal operations and emissions data.

1993-1996

VANDERBILT UNIVERSITY: Research Assistant, Dept. of Civil & Environmental Engineering: Conducted traffic noise, air quality, and ITS research. Dissertation research on evaluating the emissions benefits of traffic signal coordination systems using vehicle modal operations and emissions data.

1988-1992

MCMAHON ASSOCIATES, INC.: Project Engineer: Conducted transportation engineering and planning studies for projects in Pennsylvania, New Jersey, Illinois, Florida, and North Carolina.

FIRM EMPLOYED BY Bowlby & Associates, Inc.			
NAME	Rennie Williamson		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER 16
TITLE	Project Manager		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S) 16
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1994 / Mechanical Engineering; M.S. 1997 / Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A	
YEAR REGISTERED	N/A	DISCIPLINE	N/A
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Air & Noise	
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
32 years of experience	Project Manager, Noise Analysis: noise measurements, noise modeling, abatement evaluation, quality control, reporting, agency meetings, planning and administration.		
2023 - Present 2013 - 2022	Bowlby & Associates, Inc.: Project Manager, Project Engineer - - Expert in the use of the FHWA Traffic Noise Model version 2.5 (TNM 2.5) - Course manager and instructor of Bowlby & Associates' TNM 2.5 training course - Principal Investigator for TNM 3.2 Beta Testing for USDOT Volpe Center and FHWA - Member of TNM 3 "User Group" and conducted extensive testing of TNM 3 and provided feedback to FHWA and the Volpe Center - Past member of the Transportation Research Board Committee on Transportation-Related Noise and Vibration (AEP 80) - Expert in the planning and conduct of highway traffic noise studies and noise measurements - Experience with a wide range of software: TNM 2.5, TNM 3.x, QGIS, MOVES, MicroStation, and AutoCAD - Completed the FHWA TNM Version 3.1 training course, EPA's MOVES training course, and many National Highway Institute courses, including Highway Traffic Noise, Air Quality Planning: Clean Air Act Overview, Introduction to NEPA and Transportation Decision Making, Air Quality Planning: Transportation Conformity, SIP and TCM Requirements and Policies, SIP Development Process Sample work and projects with a major role: - Louisiana DOTD: I-10 from LA 415 to Essen Lane (I-10/I-12), East and West Baton Rouge Parishes; I-49 Inner City Connector, Caddo Parish. - Tennessee DOT: I-440 Reconstruction, I-65 Widening, and Briley Parkway Phases 2, 3, and 4 in Davidson County; I-55 and Crump Boulevard Interchange and I-240 Widening in Shelby County; I-75/I-24 Interchange in Hamilton County; , Nashville, TN; I 69 SIU 8 in Shelby, Tipton, Lauderdale, and Dyer Counties; Update of TDOT noise complaint database using Microsoft Access and Google Earth. - Arkansas DOT: Type II Noise Barrier Studies, Statewide; I-49 Widening and Interchange Improvements, Washington and Benton Counties; Highway 112 Improvements, Washington and Benton Counties. - West Virginia DOT: Dick Henderson Memorial Bridge construction noise monitoring project: Assisted in data collection, reduction, and analysis; created monthly reports. - Missouri DOT: Noise reviews for many projects, including I-270 and I-64 widening projects in St. Louis County, and I-70 in the City of O'Fallon. - Maryland SHA: Site modeling and noise barrier design for I-495 Type II Noise Barrier Design. - FHWA: <i>Sensitivity Test Case Results Comparing FHWA Traffic Noise Model (TNM) 2.5 and TNM 3.0, and Consistency Test Suite End-User Package and Acceptable Margin Answer Key for FHWA TNM 3.0</i> (FHWA Contract Order No. DTFH61-11-D-00028-T11-001). Conducted extensive sensitivity testing of TNM 3.0 acoustic code, compared results with TNM 2.5, reported results and anomalies, and assisted in creating a Consistency Test Suite to evaluate the results of other noise models. <i>Noise Barrier Acceptance Criteria: Analysis and Noise Barrier Acceptance Criteria: Evaluation Tools, Phase II</i> (FHWA Contract Order No. DTFH61-D-00028-0005). Data analysis and report preparation. - National Cooperative Highway Research Program: NCHRP Project 25 44, <i>Field Evaluation of Reflected Noise from a Single Noise Barrier, Phases 1 and 2</i>. Noise measurements, data analysis, and report preparation. - USDOT: Assisted in the design of a computer-based training tool for TNM 1.0.		

FIRM EMPLOYED BY		Bowlby & Associates, Inc.	
NAME	Geoffrey Pratt, PE	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	27
TITLE	Senior Project Engineer	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	N/A
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1998 / Civil Engineering; M.S. / 1999 / Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		109132 / Tennessee / January 31, 2027	
YEAR REGISTERED	2004	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Air & Noise	
EXPERIENCE DATES (MM/YY–MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., “DESIGNED DRAINAGE”, “DESIGNED GIRDERS”, “DESIGNED INTERSECTION”, ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
27 years of experience	Project Engineer, Noise and Air Quality Analysis: noise measurements, noise modeling, abatement evaluation, air quality analyses, quality control, reporting.		
2013-Present 1999-2013	Bowlby & Associates, Inc.: Senior Project Engineer, Project Engineer - • Expert in the use of the FHWA Traffic Noise Model (TNM 2.5) • Assisted with TNM 3.2 Beta Testing for USDOT Volpe Center and FHWA • Expert in the planning and conduct of highway traffic noise measurements • Instructor of GIS/CAD section of Bowlby & Associates’ TNM 2.5 training course • Experienced with CadnaA (environmental noise model), MicroStation, AutoCAD, and ArcMap GIS • Trained and experienced with EPA’s MOVES and hot-spot modeling • Past member of the Transportation Research Board Committee on Transportation-Related Noise and Vibration (AEP80) Sample work and projects with a major role: • Louisiana DOTD: I-10 from LA 415 to Essen Lane (I-10/I-12), East and West Baton Rouge Parishes; I-49 Inner City Connector, Caddo Parish; I-49, St. Mary Parish; LA 21, St. Tammany Parish; Finks Hide-A-Way Road, Ouachita Parish; 4th Avenue Extension, Jefferson Parish; New Florida Bridge, Orleans and St. Bernard Parishes; US 190 Auxiliary Lane Additions from LA 22 to I-12, St. Tammany Parish (for NORPC); and Hooper Road Extension and Widening, East Baton Rouge and Livingston Parishes. • Tennessee DOT: I-440 Reconstruction, I-40/Donelson Pike Interchange, and I-65 Widening in Davidson County; I-240 Widening in Shelby County; I-75/I-24 Interchange in Hamilton County; and the Pellissippi Parkway Extension and Alcoa Bypass, Blount County. • Mississippi DOT: US 51 Widening between Church Street and Green T Road, DeSoto County; Greenville Bypass, Washington and Bolivar Counties; Vicksburg Port Connector Road, Warren County; SR 43, Hancock County. • Arkansas DOT: Type II Noise Barrier Studies, Statewide; I-49 Widening and Interchange Improvements, Washington and Benton Counties; I-40 Widening and Hwy 67 Widening, Pulaski County; I-40 Widening, Faulkner County. • Illinois DOT: State Route 13/15 Widening, St. Clair County. • Indiana DOT: Louisville-Southern Indiana Ohio River Bridges Project Noise Study, Jeffersonville. • Maryland SHA: US 113 Widening, Phases 3-5, Worcester County. • South Carolina DOT: SC 290/SC 253 Intersection, Greenville County; S 458/SC 8 Intersection, Anderson County; US 501 Improvements, Horry County. • Ohio DOT: I-675 Undeveloped Land Use Noise Study, Dayton; I-480/Turnpike Rumble Strip and Traffic Noise Analysis, Lorain County. • Illinois State Toll Highway Authority: I-294 Noise Barrier Study, Chicago: TNM modeling. • New York State DOT: Region 1 Noise Barrier Feasibility Study. • National Cooperative Highway Research Program: NCHRP Project 25-34 on Supplemental Guidance on the Application of FHWA’s Traffic Noise Model (TNM).		

FIRM EMPLOYED BY G.E.C., Inc.				
NAME	Michael Simms, PhD, PG		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	3
TITLE	Professional Geologist		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	38
DEGREE(S) / YEARS / SPECIALIZATION		B.A. / 1977 / Earth and Planetary Sciences (Geology); M.A. / 2002 / Earth and Planetary Sciences (Hydrogeology); Ph.D. / 2011 / Earth and Planetary Sciences (Hydrogeology)		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		1142 / Louisiana / 06-13-2026		
YEAR REGISTERED	2008	DISCIPLINE	Geology	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Geology		
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).			
	<i>Dr. Michael Simms is a hydrogeologist with more than 40 years of experience in subsurface geologic assessment, groundwater assessment, remediation, groundwater modeling, and groundwater resource evaluation. His primary areas of expertise include groundwater modeling, CO2 sequestration, groundwater geochemistry, remediation of groundwater, Louisiana geology, geomechanics, and hydrogeologic investigations. He is a licensed Professional Geologist in Louisiana, Texas, and Mississippi. Dr. Simms earned his Doctorate of Philosophy in Earth and Planetary Sciences (Hydrogeology and Geochemistry) from Johns Hopkins University, and holds Bachelor's and Master's degrees in Earth and Planetary Sciences for Geology and Hydrogeology, respectively. He is chairman and member of the Louisiana Geological Survey State Geologic Mapping Advisory Committee and Chair of the Louisiana Board of Professional Geoscientists.</i>			
07/23-11/25	REMEDIATION OF GROUNDWATER: Baton Rouge, LA. Geologist - Assessment of groundwater impacts and implementation of remediation including groundwater recovery, in-situ chemical oxidation, and monitored natural attenuation, and air sparging. Risk-based corrective action for soil and groundwater including application of the Louisiana RECAP requirements.			
06/24- 05/26	CO2 RISK ASSESSMENT: Louisiana. Geologist - Evaluations of containment risks and operations risks for CO2 sequestration in Allen Parish, St. Landry Parish, Rapides Parish, and Iberville Parish to assess risks related to planned sequestration projects.			
2007 – 2010	GEOLOGIC INVESTIGATION OF SUBSURFACE SOILS: New Orleans, LA. Senior Project Hydrogeologist - Dr. Simms was Senior Project Hydrogeologist for the project and conducted the geologic investigation of subsurface soils and assessment of requirements for hydraulic cutoff and dewatering in principal permeable stratigraphic zones for New Orleans East Levee Reaches LPV 105-111 (from Lakefront Airport to Michoud). The project data included 103 soil boring logs, 248 cone penetrometer tests, and geophysical data. Dr. Simms planned and installed 20 piezometers in shallow sand and silt zones in the Holocene deltaic and coastal deposits for continuous monitoring of hydraulic head to assess seepage potential beneath the levee reaches. Dr. Simms conducted the geologic and stratigraphic interpretation of soil boring logs, CPTs, and geophysical data with geologic cross sections along and transverse to the levees. Work done prior to GEC.			
2019-2020	ASSESSMENT OF FAULTING, MID-BARATARIA SEDIMENT DIVERSION: Louisiana. Project Manager - As Project Manager, Dr. Simms conducted an assessment of the potential for near-surface faulting at the project site using the project geotechnical boring logs, petroleum industry seismic data, and geophysical well logs to assess the configuration of the Pleistocene surface and the distribution of Holocene sedimentary facies. Two-dimensional seismic data in the site area was reviewed to identify the locations of growth faulting and the subsurface stratigraphy was correlated to independently identify faulting. Work done prior to GEC.			
2017	SUBSIDENCE CONDITIONS EVALUATION OF POWER PLANT SITE: New Orleans, LA. Geologist - Dr. Simms evaluated potential subsidence conditions at a power plant site in New Orleans East. The work included geologic characterization from the surface to the Gonzales-New Orleans aquifer and 1,200-Foot Sand with well logs, correlation of subsurface units, evaluation of historical subsidence in the New Orleans area, review of published InSAR data on surface displacements, and assessment of subsidence related to past and proposed groundwater withdrawals. The potential for compaction and subsidence processes was estimated from modeled groundwater hydraulic head drawdowns and subsurface geotechnical properties. Work done prior to GEC.			

FIRM EMPLOYED BY Providence Engineering and Environmental Group LLC			
NAME	Andrew Creel, PG		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER 3
TITLE	Geologist		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S) 4
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2018 / Geology	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		1472 / Louisiana / 05-13-2027	
YEAR REGISTERED	2026	DISCIPLINE	Geology
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Geology	
EXPERIENCE DATES (MM/YY–MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., “DESIGNED DRAINAGE”, “DESIGNED GIRDERS”, “DESIGNED INTERSECTION”, ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
<i>7 years of experience</i>	<i>Andrew Creel, PG, is a skilled professional geologist with a robust background in both the oil and gas drilling and environmental consulting sectors. He has served as a logging geologist on over 30 deepwater oil and gas exploration wells, demonstrating his expertise in real-time geological evaluation and wellsite decision-making. Additionally, Mr. Creel has worked as a field geologist on more than 40 Phase II ESA drilling investigations, subsurface remediation investigations, cone penetration testing (CPT) subsurface investigations, and groundwater monitoring well installations. His technical proficiency encompasses statistical sampling, solid waste unit groundwater sampling, groundwater and soil sampling, RECAP standards development, Phase I and Phase II ESAs, report writing, project coordination, hazardous materials management, well control monitoring, geological evaluation and interpretation, data analysis, and solid and hazardous waste compliance and permitting. Mr. Creel's comprehensive skillset and diverse experience make him an asset in both drilling operations and environmental consulting projects.</i>		
03/25 – 04/25	CONFIDENTIAL CLIENT, FORMER PORT NICKEL FACILITY, PHASE I ESA: Plaquemines Parish, LA. Field Geologist- Conducted a Phase I ESA for a confidential industrial property. Site visit activities were completed, and historical sources and available regulatory records were reviewed. RECs were identified in connection with past operations at the site. Based on these findings, a Phase II ESA was recommended and subsequently conducted to further evaluate potential subsurface impacts.		
10/25-11/25	FUSION ARCHITECTS, APC, PHASE I ESA, BREC RECREATION CENTER: Baton Rouge, LA. Field Geologist- Providence conducted a Phase I ESA for the Recreation and Park Commission for the Parish of East Baton Rouge (BREC). Providence performed the Phase I ESA in conformance with the requirements of the United States EPA in the ASTM Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM E1527-21 and the AAI Standard (40 CFR §312) on the Property. Based on our review of applicable federal and state regulatory agency records, historical records, interviews with persons knowledgeable about the Property, and site reconnaissance, Providence identified no evidence of RECs.		
07/24-02/25	ATLAS TECHNICAL CONSULTANTS, LLC, MISSISSIPPI RIVER BRIDGE GBR: LA 1 TO LA 30 CONNECTOR: East Baton Rouge, West Baton Rouge, Ascension, and Iberville Parishes, LA. Project Geologist- This project includes an Enhanced Planning investigation with the ultimate objective of constructing a new crossing of the Mississippi River. Providence, as a subconsultant to Atlas Technical Consultants, LLC, is providing environmental services that include identifying the preliminary purpose and need (P&N), revising, submitting and updating P&N; permitting agency coordination; reviewing of studies and plans for data gaps; GIS figures; identifying corridors that meet P&N; identifying alternative boundaries; developing/submitting Environmental Screening methodology; compiling environmental inventory for alternatives for use in narrowing alternatives; support outreach and engagement overview, providing appropriate input for the CARB-D website, developing a draft Final Report for Phase I, addresses comments from Phase I, preparing materials and attending agency brief meetings/focus group meetings, and public meetings.		
07/24-08/24	GRAND ISLE SHIPYARD, PHASE I ESA: Jefferson and Lafourche Parishes, LA. Field Geologist- Conducted two Phase I ESAs for Grand Isle Shipyard in Galliano and Grand Isle Louisiana. Site visits were conducted; historical and available regulatory records were reviewed. Issues were not identified in connection with these sites and as such, no further investigations were warranted.		

**PDN /
PROJECT DEVELOPMENT /
ENGINEERING SUPPORT
RESUMES**

TRAFFIC & SAFETY STUDIES
ALTERNATIVES DEVELOPMENT, CONCEPTUAL
RENDERING
CONCEPTUAL STAGE RELOCATION/REAL ESATATE
EMERGENCY & EXPEDITED ACTIONS /
ALTERNATIVE DELIVERY
GIS / CADD DATABASES, VISUAL RENDERINGS

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

NAME	Christopher Nipper, PE	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	9
TITLE	Professional Civil Engineer	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	2
DEGREE(S) / YEARS / SPECIALIZATION	B.S. / 2014 / Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE	43281 / Louisiana / 09-30-2027		
YEAR REGISTERED	2019	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES	Role on this Project: PDN / Project Development / Engineering Support Task Lead		
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	<i>Mr. Nipper has 11 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. Mr. Nipper completed the following training: FHWA-NHI-380096 Modern Roundabouts: Intersections Designed for Safety hosted by LADOTD/LTRC and Modules 1-3 of the Traffic Engineering Process and Report Course offered by LTRC.</i>		
08/23-Present SECTION 17 PROJECT	LADOTD S.P. NO. 4400025040 / IIJA OFF-SYSTEM BRIDGE PROGRAM: East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, Assumption Parishes, LA. Project Manager & Road Design Engineer - This project involved the spot replacement of 13 bridges across seven parishes. Mr. Nipper was responsible for managing the design for all 13 bridges. Mr. Nipper also designed several of the bridges, including all vertical and horizontal geometry required. Other tasks performed on these bridges included designing required guard rail, performing the hydraulic analysis and developing hydraulic reports, and establishing limits for required right-of-way. Mr. Nipper also developed construction plans and calculated quantities required for construction.		
09/20-Present SECTION 17 PROJECT	LADOTD S.P. NO. H.004100 / I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12: East/West Baton Rouge Parish, LA. Road Design Engineer - This project involves the widening of I-10 westbound and eastbound from the Mississippi River Bridge to the I-10/I-12 split. Mr. Nipper provided the geometry, both vertical and horizontal, for the retaining walls needed along the urban freeway transportation project corridor and was responsible for developing the plan and profile sheets for the retaining walls. He was also responsible for the redesign of the Perkins Road overpass area which includes the realignment of an existing local roadway, implementing new parking areas and pedestrian facilities, the design of new subsurface drainage systems, and the quantities associated with the Perkins Rd overpass redesign.		
06/22-Present	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 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.		
02/19-07/20	I-10 SERVICE ROAD BRIDGES: 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.		
09/19-10/24	LASAFE AIRLINE AND MAIN COMPLETE STREETS: LaPlace, LA. Road Design Engineer - The project involved the design of a sidewalk along Airline Hwy that would connect to Main St. to accommodate pedestrians and bicyclists. Main St. (LA 44) was rehabbed with a mill and overlay and redesigned to accommodate on street parking with sidewalks down the entire project corridor on both sides. Mr. Nipper provided the vertical and horizontal alignments for the project, as well as the design for Main St. He provided the hydraulic analysis needed to convert existing open ditches along the project into subsurface drainage systems to capture and slow runoff. Mr. Nipper also provided the estimated quantities and cost estimate.		

FIRM EMPLOYED BY Gresham Smith			
NAME	Herbert "Bert" Moore II, PE, PLS, PTOE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
			11
TITLE	Senior Transportation Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
			16
DEGREE(S) / YEARS / SPECIALIZATION	B.S. / 1999 / Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE	P.E.0031065 / LA / Exp. 9/30/26 PTOE 2728 / Exp. 9/30/26 PLS 5043 / LA / Exp. 9/30/26		
YEAR REGISTERED	2004 (P.E.), 2009 (PTOE), 2010 (PLS)	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES	Role on this Project: Traffic & Safety Studies		
EXPERIENCE DATES (MM/YY–MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
27 years of experience	<i>Bert is a professional engineer with more than 27 years of experience designing and managing projects in the fields of traffic and transportation engineering. He previously spent six years as the district traffic operations engineer for LADOTD where he was responsible for the daily maintenance and operation of signs, striping and traffic equipment for 2,000 miles of roadway and over 600 traffic signals in the Department's Baton Rouge district. His experience is in traffic operations, traffic control, signal warrants, traffic signal timing and design, safety studies, the implementation of access management principles, temporary traffic control for work zones, Transportation Management Plans (TMP), and bicycle and pedestrian accommodations the roadway network.</i>		
04/18 – 05/19	LADOTD, LA 37: SULLIVAN ROAD TO LIBERTY ROAD STAGE 0 FEASIBILITY STUDY: Central, LA. Project Executive –Gresham Smith collected and reviewed over 580 crash reports over a span of three years from the state highway crash database and collected ADT data on 21 segments of LA 37 and intersecting streets, peak hour turning movement counts at 12 significant intersections and 15-minute counts along 38 driveways and insignificant side streets. Crash reports were reviewed and evaluated using the LADOTD safety triage and the safety toolbox. Traffic analysis was performed using mainly HCS and Synchro and other software tools as needed. We reviewed historic traffic volumes counts and TransCAD models and performed an extensive count analysis to develop regional growth rates for the study area. Our team evaluated the effectiveness of safety improvements using the Highway Safety Manual (HSM), and we identified Safety Performance Functions (SPFs) to determine Level of Service of Safety. To compare alternatives, benefit-cost ratio and net present value analyses were performed. Bert was responsible for the overall study, quality assurance and verifying the technical adequacy alternative analyses.		
10/23 – 03/25	ASCENSION PARISH, LA 3127 EXTENSION ENVIRONMENTAL ASSESSMENT: Donaldson, LA. Project Executive – Gresham Smith is a sub to performing the Traffic Study portion of the Environmental Assessment for the LA 3127 Extension from LA 70 to LA 1 in Donaldsonville LA. This study includes existing traffic and safety analysis, developing build year and horizon year traffic counts, analysis of no build and conceptual alignments.		
10/18 – 05/24	LADOTD, LA 3089 @ LA 70 STAGE 0: Donaldsonville, LA. Project Executive – Gresham Smith was selected for LADOTD's Stage 0 Studies IDIQ in 2021. In July 2023, Gresham Smith was issued a task order to conduct a Stage 0 Study to identify and evaluate preliminary alternatives at the intersection of LA 70 and LA 3089 in Donaldsonville, LA. The goal of the improvements was to improve operations and safety for vehicular, rail, and other modes of traffic.		

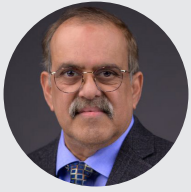
FIRM EMPLOYED BY Gresham Smith			
NAME	Alben Cooper, III, P.E., PTOE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
			2
TITLE	Senior Traffic Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
			17
DEGREE(S) / YEARS / SPECIALIZATION	B.S. / 2006 / Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE	P.E.0036291 / LA / Exp. 9/30/27 PTOE 3206 / Exp. 5/2/27		
YEAR REGISTERED	2011 (P.E.), 2012 (PTOE)	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES	Role on this Project: Traffic & Safety Studies		
EXPERIENCE DATES (MM/YY–MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., “DESIGNED DRAINAGE”, “DESIGNED GIRDERS”, “DESIGNED INTERSECTION”, ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
19 years of experience	<i>With several years of experience in transportation engineering, Alben has been the project manager/engineer on a variety of transportation projects including safety studies, feasibility studies, signal design and timing of coordinated systems, geometric design, striping and signage design, traffic impact analysis, and transportation management plans. He has also performed studies for intersection/corridor operation and safety improvements including pedestrian facility upgrades. Alben has managed and provided construction administration services for temporary and permanent traffic signal design, geometric design, and striping and signage design. He has developed/managed sequence of construction and traffic control device plans for large construction projects.</i>		
08/24 – 01/26	LADOTD, LAFOURCHE FLASHING YELLOW ARROW SIGNAL UPGRADES: Lafourche Parish, LA. Senior Engineer – Alben was the Engineer-of-Record, and his role included technical advisory, review of traffic signal design, cost estimation, plan set QA/QC and coordination with the client.		
08/21-Ongoing	MOVEBR, SYNCH & COMM SIGNAL UPGRADES PHASE 2: Baton Rouge, LA. Senior Engineer – Gresham Smith was selected to redesign the traffic signals for seven intersections within Baton Rouge, Louisiana. Phase 1 will replace outdated equipment with the latest technologies and improve the operations for both vehicular and non-vehicular users. Phase II will replace outdated equipment with the latest technologies and improve the operations for both vehicular and non-vehicular users.		
10/23 – 03/25	ASCENSION PARISH, LA 3127 EXTENSION ENVIRONMENTAL ASSESSMENT: Donaldson, LA. Senior Engineer – Gresham Smith is a sub to performing the Traffic Study portion of the Environmental Assessment for the LA 3127 Extension from LA 70 to LA 1 in Donaldsonville LA. This study includes existing traffic and safety analysis, developing build year and horizon year traffic counts, analysis of no build and conceptual alignments.		
04/24 – 01/26	LADOTD, TO #16 RICHWOOD TRAFFIC STUDY: Richwood, LA. Senior Engineer – Gresham Smith performed a traffic study with the goal of improving the pedestrian facilities along US 165 between Richwood Road 1 and Richwood Road 2. Alben provided technical assistance and quality control for the traffic study which included data collection, safety analysis and alternative development. Potential alternatives included sidewalks, pedestrian crossings a select locations and conversion of US 165 to a superstreet corridor.		
05/21 – 05/24	MOVEBR, SHERWOOD FOREST BLVD MUP, C-P PROJECT NO. 20-EN-HC-0027U: Baton Rouge, LA. Senior Engineer – Gresham Smith was selected to perform a traffic study and design of the pedestrian signal accommodations and crosswalks along Sherwood Forest Blvd between South Harrell’s Ferry Road and Old Hammond Highway for the Sherwood Forest multi-use path. Alben performed QA/QC for the design of the traffic signals for the I-12 at Sherwood Forest Blvd interchange including pedestrian signals for the multi-use path along the west side of Sherwood Forest Blvd.		

FIRM EMPLOYED BY Gresham Smith			
NAME	Rebecca Murray, P.E., PTOE, RSP1		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER 11
TITLE	Traffic Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S) 0
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2015 / Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		P.E.0043788 / LA / Exp. 3/31/28 PTOE 4861 / Exp. 3/26/29 RSP1 611 / Exp. 4/5/27	
YEAR REGISTERED	2019 (P.E.), 2020 (PTOE), 2021 (RSP1)	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Traffic & Safety Studies	
EXPERIENCE DATES (MM/YY–MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., “DESIGNED DRAINAGE”, “DESIGNED GIRDERS”, “DESIGNED INTERSECTION”, ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
11 years of experience	<i>Rebecca has worked in various roles and responsibilities on a variety of projects including interchange and corridor studies, traffic signal design plans, Adaptive Traffic Signal Control (ATSC) plans, traffic impact studies, and traffic modeling as well as feasibility and concept studies. Her responsibilities for these projects include reviewing traffic volumes and crash data to develop traffic models, develop proposed alternatives and perform analysis on the alternatives. She has experience modeling existing and proposed roadway networks in analysis software such as Synchro, Sidra, HCS, and VISSIM. Rebecca has completed the ATSSA Traffic Control Training and all 3 modules of LADOTD’s Traffic Engineering Process and Report Training.</i>		
04/18 – 05/19	LADOTD, LA 37: SULLIVAN ROAD TO LIBERTY ROAD STAGE 0 FEASIBILITY STUDY: Central, LA. Traffic Engineer –Gresham Smith collected and reviewed over 580 crash reports over a span of three years from the state highway crash database and collected ADT data on 21 segments of LA 37 and intersecting streets, peak hour turning movement counts at 12 significant intersections and 15-minute counts along 38 driveways and insignificant side streets. Crash reports were reviewed and evaluated using the LADOTD safety triage and the safety toolbox. Traffic analysis was performed using mainly HCS and Synchro and other software tools as needed. We reviewed historic traffic volumes counts and TransCAD models and performed an extensive count analysis to develop regional growth rates for the study area. Our team evaluated the effectiveness of safety improvements using the Highway Safety Manual (HSM), and we identified Safety Performance Functions (SPFs) to determine Level of Service of Safety. To compare alternatives, benefit-cost ratio and net present value analyses were performed.		
10/18 – 05/24	LADOTD, LA 3089 @ LA 70 STAGE 0: Donaldsonville, LA. Traffic Engineer – Gresham Smith was selected for LADOTD’s Stage 0 Studies IDIQ in 2021. In July 2023, Gresham Smith was issued a task order to conduct a Stage 0 Study to identify and evaluate preliminary alternatives at the intersection of LA 70 and LA 3089 in Donaldsonville, LA. The goal of the improvements was to improve operations and safety for vehicular, rail, and other modes of traffic.		
10/23 – 03/25	ASCENSION PARISH, LA 3127 EXTENSION ENVIRONMENTAL ASSESSMENT: Donaldson, LA. Traffic Engineer – Gresham Smith is a sub to performing the Traffic Study portion of the Environmental Assessment for the LA 3127 Extension from LA 70 to LA 1 in Donaldsonville LA. This study includes existing traffic and safety analysis, developing build year and horizon year traffic counts, analysis of no build and conceptual alignments.		
05/17 – 03/19	LADOTD, I-210 AT LA 1138-2 (NELSON ROAD) INTERCHANGE MODIFICATION RE-EVALUATION STUDY: Lake Charles, LA. Pre-Professional – Gresham Smith was selected to develop a calibrated VISSIM model to model existing conditions and the future proposed diverging diamond interchange at I-210 at Nelson Road in order to evaluate the proposed interchange design. Rebecca was responsible for overseeing data collection, participated on the RSA team, conducting safety analysis, development of VISSIM models, development of alternatives and development of the report.		

FIRM EMPLOYED BY G.E.C., Inc.				
NAME	Tom Swanson, PE, PTOE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	19
TITLE	Senior Professional Civil Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	10
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1992 / Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		30139 / Louisiana / 09-30-2026		
YEAR REGISTERED	2002	DISCIPLINE	Civil Engineer	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Traffic & Safety Studies		
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).			
	Mr. Swanson's career began when he worked as an electrician for the U.S. Navy. While earning his degree in Civil Engineering, he completed several Electrical and Power Engineering courses, focusing much of his career on those disciplines. He has over 28 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. In addition, Mr. Swanson has completed a number of Transportation Management Plans (TMPs) for LADOTD lighting and ITS projects. This includes several Level 4 TMPs in accordance with all applicable standards.			
01/14-05/17 SECTION 17 PROJECT	LADOTD S.P. NO. H.004987 / US 190/COLLINS BOULEVARD WIDENING (LA 25 TO US 190B): Covington, LA. Traffic Engineer - GEC provided the Regional Planning Commission with professional consulting services relative to an Environmental Assessment and other related documents for the widening of US 190 in the City of Covington, generally between US 190 and LA 25 (known as Collins Boulevard) in St. Tammany Parish in accordance with Federal regulations and guidelines. Mr. Swanson's responsibilities include writing the reports, performing the traffic analysis models and diagrams as well as writing the reviews of environmental and demographic concerns. (2010 – 2015)			
02/20-05/25	LADOTD S.P. NO. H.013897 / I-10 & I-12 COLLEGE DR. FLYOVER RAMP DESIGN-BUILD: East Baton Rouge Parish, LA. Traffic Engineer - Mr. Swanson's responsibilities for this Design-Build project included the ITS system relocation design, and construction signage and striping (Maintenance of Traffic) and permanent signage and pavement markings. Mr. Swanson completed the construction signing/striping layout as well as permanent signing/striping.			
03/23-Present	LADOTD S.P. NO. H.011358 / US 190 (VINE ST) RECONSTRUCTION ENVIRONMENTAL ASSESSMENT: Opelousas, St. Landry Parish, LA. Traffic - GEC is the prime consultant in developing a Line and Grade Study and Environmental Assessment on behalf of LADOTD and FHWA for the reconstruction of US 190 (Vine Street) in Opelousas, LA. Mr. Swanson is providing quality control reviews for all traffic submittals.			
2017-Present	LADOTD S.P. NO. H.003074 / I-10 WIDENING, WILLIAMS BLVD. TO VETERANS BLVD.: Jefferson Parish, LA. ITS Engineer - GEC is currently designing the widening of I-10 between Williams Boulevard and Veterans Boulevard interchanges in Jefferson Parish. Final design plans are over 95% complete. The total project length is 2.58 miles and consists of the construction of one 12' additional lane with a 10' shoulder inside along the I-10 eastbound and westbound roadways. This project includes a level 2 Transportation Management Plan (TMP). Mr. Swanson provided plans to relocate the existing CCTV Site, along with an additional CCTV site on the north side of I-10.			
2010-2016	US 11 WIDENING: Slidell, LA. Traffic Engineer - GEC provided services relative to the preparation of an Environmental Assessment and other related documents including alternatives, typical sections, traffic patterns, permits, land use, community/social, economic, historic, cultural, recreational, archaeological, noise, air, wetlands, floodplains, farmland, and endangered or threatened species, wetlands delineation, engineering opinion of cost, public involvement, line and grade study, for the widening of US Highway 11 from Lake Pontchartrain to Spartan Drive in St. Tammany Parish. Mr. Swanson provided traffic engineering services and was tasked with writing the reports, performing the traffic analysis models and diagrams as well as writing the reviews of environmental and demographic concerns.			

FIRM EMPLOYED BY G.E.C., Inc.			
NAME	Jerome Lohmann, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Senior Professional Civil Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1984 / Civil Engineering; A.A.S. / 1977 / Surveying	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		24673 / Louisiana / 09-30-2026	
YEAR REGISTERED	1992	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Alternatives Development, Conceptual Engineering	
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	<i>Mr. Lohmann has over 50 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.</i>		
08/23-Present	LADOTD S.P. NO. 4400025040 / IJA OFF-SYSTEM BRIDGE PROGRAM: East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, and Assumption Parishes, LA. Senior Project Manager - Mr. Lohmann is the senior project manager responsible for project review and assists the design engineers as needed. He is also responsible for QA/QC.		
2017-Present	LADOTD S.P. NO. H.003074 / I-10 WIDENING, WILLIAMS BLVD. TO VETERANS BLVD.: Jefferson Parish, LA. Project Manager - GEC is currently designing the widening of I-10 between Williams Boulevard and Veterans Boulevard interchanges in Jefferson Parish. Mr. Lohmann has submitted 95% final design plans for the urban freeway transportation project which are in accordance with DOTD's Roadway Design Procedures and Details Manual. The total project length is 2.58 miles and consists of the construction of one 12' additional lane with a 10' shoulder inside along the I-10 eastbound and westbound roadways. Included in the project is the replacement and widening of the bridges over Canal No. 3 and Veterans Blvd. Sound Barriers, both ground-mounted and structure-mounted on the north side of I-10, form part of this project. Design has also been performed on the replacement of portions of the concrete lining of Canal No. 3 that will be impacted by the new bridge design. Mr. Lohmann provided design in the preliminary plans phase and design review of the roadway during the final plans phase. This project included a level 2 Transportation Management Plan (TMP).		
02/20-04/25	LADOTD S.P. NO. H.013897 / I-10 & I-12 COLLEGE DR FLYOVER RAMP DESIGN-BUILD: East Baton Rouge Parish, LA. Roadway Task Lead - Mr. Lohmann was Roadway Task Lead for the GEC/Boh Bros. team. Mr. Lohmann provided the roadway construction plans for this project and was responsible for the geometric layout for the entire project, ensuring conformance to DOTD and AASHTO standards. He also participated in the Level 4 Transportation Management Plan (TMP). GEC provided engineering and design quality control services as necessary to complete the design and construction for the I-10 & I-12 College Dr Flyover Ramp Design-Build Project.		
09/20-Present	BLUEBONNET BLVD. (PERKINS TO PICARDY): Baton Rouge, LA. Project Manager - GEC is designing the widening of Bluebonnet Blvd. to include an additional lane in each direction. Mr. Lohmann is Project Manager, overseeing design of a six-lane, curb and gutter roadway with subsurface drainage, bridge replacement, green infrastructure and pedestrian facilities. GEC's design is in accordance with MOVEBR Design Guidelines and Consultant Services Manual. Mr. Lohmann supervised a study of the existing bridge over Dawson Creek to determine whether the bridge should be widened or replaced in accordance with Part 1, Chapter 6 of the LADOTD BDEM. This study started with an NBIS bridge inspection to determine Condition Ratings for the bridge superstructure, substructure, and piles. A Bridge Load Rating was then carried out based on the AASHTO Manual of Bridge Evaluation and the LADOTD BDEM. Based on the load rating, GEC recommended that the existing bridge be replaced. This project includes a level 2 Transportation Management Plan (TMP). (City-Parish Project No. 19-CPHC-0034)		

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

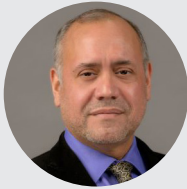
NAME	Keith Rebello, PhD, PE	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	27
TITLE	Senior Professional Civil Engineer	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	8
DEGREE(S) / YEARS / SPECIALIZATION	B.S. / 1983 / Civil Engineering; M.S. / 1986 / Civil Engineering, Ph.D. / 1990 / Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE	24937 / Louisiana / 03-31-2027		
YEAR REGISTERED	1992	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES	Role on this Project: Alternatives Development, Conceptual Engineering		
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	<i>Dr. Rebello has 35 years of structural engineering experience following his research work on non-linear deformation behavior of pre-stressed concrete bridges. He has designed and managed a variety of structural projects involving complex interstate and highway bridges (new, replacement, rehabilitation and widening), retaining walls, noise walls, buildings, water and wastewater treatment facilities, hurricane protection systems & hydraulic structures. He has extensive experience with rating bridges in accordance with LADOTD and AASHTO MBE requirements and performed ratings using AASHTOWare Bridge Rating (Virtis) software and finite element analysis where required.</i>		
	10/20-Present	LADOTD S.P. NO. H.004100 / I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12: Baton Rouge, LA. Structural Engineer - Dr. Rebello is in responsible charge for the structural design and plan development of retaining walls at multiple locations to retain earth on both sides of the widened I-10 roadway, as well as earth adjacent to on- and of-ramps servicing I-10. All design is in accordance with AASHTO LRFD Bridge Design Specifications, 9th Ed. Additionally, Dr. Rebello is in responsible charge for all Bridge Ramp design activity on the project and provides QA/QC for all bridge designs and plans. He is performing structural analysis and designs for continuous steel spans and special bents on Ramp 4 EB (I-10 Eastbound exit ramp to College Drive). The steel spans and special bents are required on this ramp to reduce structural depth so that adequate vertical clearance is provided as the ramp spans over the Acadian Entrance Ramp to I-10 EB. In addition to the AASHTO LRFD specifications, all design is in accordance with the LADOTD Bridge Design and Evaluation Manual (BDEM).	
	SECTION 17 PROJECT		
	07/15-Present	LADOTD S.P. NO. H.004273.5 / I-49 CONNECTOR, LAFAYETTE REGIONAL AIRPORT TO I-10/I-49/US 167 INTERCHANGE: Lafayette, LA. Structural Engineer - This project includes bridge design and construction of a freeway with accompanying interchanges in the Evangeline Thruway US 90/US 167 corridor and flanking collector/distributor roads for local traffic circulation and land access. The project begins just south of the Lafayette Regional Airport and continues north to the I-10/US 167/I-49 interchange, a length of approximately five miles. Dr. Rebello performed grillage analyses to design three-span continuous steel tub girders as a viable alternative to other bridge span types. Dr. Rebello also oversaw the preparation of a preliminary submittal to the BNSF Railroad for approval of bridges at the Kaliste-Saloom Interchange. The submittal was prepared in adherence to the "Union Pacific Railroad and BNSF Railway Guidelines for Railroad Grade Separation Projects." During the SEIS, Dr. Rebello performed grillage analyses to design three-span continuous steel tub girders as an alternative to other bridge span types. He prepared an extensive cost estimate for this alternative.	
	02/20-04/25	LADOTD S.P. NO. H.013897 / I-10 & I-12 COLLEGE DR FLYOVER RAMP DESIGN-BUILD: Baton Rouge, LA. Bridge Task Lead - Dr. Rebello was Bridge Task Lead for the GEC/Boh Bros. team. He was responsible for engineering and design quality services necessary to complete the design and construction of the I-10 & I-12 College Dr. Flyover Project. The Flyover was designed and construction plans were developed to permit a two-phase construction to maintain at least two lanes of traffic at all times. Dr. Rebello designed the two-span continuous (180 feet per span) steel superstructure for the flyover as well as rolled steel girder spans for widening the existing I-10 westbound bridge over Ward Creek. He also designed and developed plans for Retaining Walls for the entire project.	
	06/12-Present	LADOTD S.P. NO. H.003074 / I-10 NEW ORLEANS, WILLIAMS BLVD. TO VETERANS BLVD.: Jefferson Parish, LA. Structural Engineer - Dr. Rebello was in charge of bridge load rating of existing bridges, bridge design management, and structural design for this complex project. Initial extensive load rating of the existing bridges done at GEC, resulting in LADOTD making an informed decision to replace the bridges. Dr. Rebello supervised the structural design of all components of the replacement bridges – deep foundations, bridge piers, and steel and pre-stressed concrete bridge superstructure. Design has also been performed on the replacement of portions of the concrete lining of Canal No. 3 that will be impacted by the new bridge design. Dr. Rebello supervised	

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

NAME	Keith Rebello, PhD, PE Continued Resume
	and performed superstructure and substructure load rating for existing bridges and ramps for this highly congested 2.58-mile urban interstate project. The extensive load rating and documentation provided to LADOTD allowed an informed decision to be made regarding widening or replacing the existing bridges. The data supported bridge replacement. Dr. Rebello, lead designer for the superstructure design, included composite pre-stress and steel girder span. All pre-stress girders were Louisiana (LG) girders designed in accordance with AASHTO LRFD bridge specifications.
08/05-07/13	LADOTD S.P. NO. 700-28-0004 / US 71/165 FORT BUHLOW BRIDGE AND APPROACHES: Alexandria/Pineville, LA. Structural Engineer - Dr. Rebello performed preliminary design of a new 0.6-mile bridge spanning the Red River. He developed alternative designs employing pre-stressed concrete and steel girder spans and segmental concrete box girders spans. He prepared preliminary plan alternative layouts for curved steel girder ramps and bridge plans for an overpass over a railroad, using conventional precast pre-stressed concrete girders. Ultimately, the bridge was designed with AASHTO 72" Type BT girder spans and a 1000', 3-span steel girder unit over the channel.
09/20-Present	BLUEBONNET BLVD. (PERKINS TO PICARDY): Baton Rouge, LA. Bridge Design - GEC has designed the widening of Bluebonnet Blvd. to include an additional lane in each direction. Dr. Rebello performed an investigation of the bridge over Dawson Creek to determine whether the bridge should be widened or replaced in accordance with Part 1, Chapter 6 of the LADOTD BDEM. This investigation started with an in-depth inspection of the bridge superstructure and substructure. The Inspection Report provided Condition Ratings for the superstructure, substructure, and piles. The Condition Ratings were used in the performance of a bridge load rating based on the AASHTO Manual of Bridge Evaluation and the LADOTD BDEM. The rating indicated the need to replace the existing bridges. The new precast prestressed (LG type) girder bridges will provide five lanes of traffic (three through and two turn lanes) in the southbound direction and three lanes of through traffic in the northbound direction. The southbound bridge will have a clear roadway width of 58'-0" made up of five 11'-0" lanes and two 1'-6" shoulders. On the northbound bridge, three 11'-0" lanes and two 1'-6" shoulders will provide a clear roadway width of 38'-0". The bridges will have a 10'-0" wide multi-mode sidewalk (southbound) and a 5'-0" wide pedestrian sidewalk (northbound). (City-Parish Project No. 19-CP-HC-0034).
07/09-Present	INSPECTION OF CAUSEWAY BRIDGE AND NORTHSORE APPROACHES: Jefferson and St Tammany Parishes, LA. Load Rating Structural Engineer - Dr. Rebello is the primary Load Rating Structural Engineer on this project. Federal Law 39 FR 10430 requires that all bridges on public roads be inspected and rated in accordance with National Bridge Inspection Standards (NBIS), 23 CFR Part 650, Subpart C. As Consulting Engineer for the Greater New Orleans Expressway Commission (GNOEC), GEC is responsible for the NBIS inspection and load rating for all GNOEC owned bridges. Dr. Rebello has performed superstructure ratings for double-leaf steel Bascule Spans, prestressed concrete box girder spans, prestressed concrete monolithic girder and slab spans, and, composite steel girder and concrete deck spans on the GNOEC owned system. GEC has conducted the inspections in accordance with the NBIS, utilizing the American Association of State Highway Transportation Officials (AASHTO) Manual for Bridge Evaluation, AASHTO Manual for Bridge Element Inspection and Louisiana Department of Transportation and Development (LADOTD) Pontis Inspection Manual requirements.
04/13-07/21	LADOTD S.P. NO. H.011207 & H.011239 & H.004540 / LEEVILLE TO GOLDEN MEADOW PHASE II, LA 1 RELOCATION: Lafourche Parish, LA. Structural Engineer - Dr. Rebello serves as a Structural Engineer as part of a team involved in the design of the widening of an existing bridge and the construction of a new bridge totaling 6,500 feet in length. The variably widened portion of the bridge consists of prestressed concrete Type III girder spans. The new bridge portions will be supported on special new Louisiana (LG) girders. Dr. Rebello performed the LRFR rating on the existing girders and pile bents to assess the structural feasibility for widening. Dr. Rebello was responsible for ensuring that all updated AASHTO and LADOTD specifications were incorporated into the design. Once the widening was deemed feasible, and all design completed, Dr. Rebello performed an As-Designed Rating on the entire structure.
02/14-04/21	LADOTD S.P. NO. 4400006762 / PAINTING INSPECTION AND ENVIRONMENTAL MONITORING WITH CONSTRUCTION ENGINEERING AND INSPECTION: Statewide, LA. Review/Approving Engineer - Supervised review and approval of all contract compliance structural reviews and independent structural calculations of all contractor containment systems for lead paint removal and repainting; supervised review and approval of computer modelling of bridge members to investigate AASHTO load combinations including dead loads, HS-20 live loads, contractor equipment loads and hurricane wind loads. Projects have included: H.011484 – US 80: Red River Br. Texas St. Rehab (HB), Bossier Parish.

FIRM EMPLOYED BY G.E.C., Inc.			
NAME	Varaprasad Venkata, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Senior Professional Civil Engineer		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1992 / Civil Engineering; M.S. / 1995 / Structural Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		40594 / Louisiana / 09-30-2026	
YEAR REGISTERED	2016	DISCIPLINE	Structural Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Alternatives Development, Conceptual Engineering	
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	Mr. Venkata has 29 years of structural engineering experience involving highway bridges, low & high mast light pole supports, highway sign supports, hurricane protection systems, water treatment and distribution facilities, and industrial structures. He has provided design services for state agencies inclusive of FHWA funding, tolling commissions, as well as non-state entities and private industry. His design experience includes AASHTO structural sign supports for highway signs, traffic signal supports, camera pole platforms and supports, DMS sign supports and main platforms, and low and high mast light pole attachments and foundations. His bridge design experience includes the widening of existing structures and new structures for highly congested interstates and major highways, which includes, but not limited to, the design of pile bents, column bents, PSC girders, concrete deck, and steel girders.		
10/23-Present SECTION 17 PROJECT	LADOTD S.P. NO. 4400025040 / I-10 OFF-SYSTEM BRIDGE PROGRAM: East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, and Assumption Parishes, LA. Structural Engineer - Projects include the design of a bridge spot replacement of off-system bridges. The design is in accordance with the Federal Aid Off-System Highway Bridge Program. Mr. Venkata's tasks include preparation of Structural general notes, Bridge general plan, Foundation layout, Pile data tables and preparing abstract of bridge quantities. Mr. Venkata is also responsible for the design of deck and pile bents when the LADOTD standard bridge plans are not applicable due to site specific conditions like phased construction requirement.		
02/20-04/25	LADOTD S.P. NO. H.013897 / I-10 & I-12 COLLEGE DR FLYOVER RAMP DESIGN-BUILD: East Baton Rouge Parish, LA. Primary Bridge Engineer - Mr. Venkata was the Primary Bridge Engineer for the I-10 & I-12 College Dr. Flyover Design-Build Project. He designed and supervised the design of concrete girder spans for the Flyover and concrete decks for both the Flyover and Ward Creek Bridge. Additionally, Mr. Venkata designed and supervised plan development for all Substructures, Median Barriers, and Moment Slabs on the project. He also developed plans for the phased replacement of deck joints on the Ward Creek Bridge, to ensure maintenance of 5 lanes of traffic on I-10 westbound throughout construction. Mr. Venkata also analyzed and designed the median barriers to support structure mount low mast poles. He also designed Drilled Shaft foundations for ground mount high and low mast pole support and Mr. Venkata also reviewed shop drawings and design calculations submittals for the pole, anchor bolts and base plates.		
10/20-Present SECTION 17 PROJECT	LADOTD S.P. NO. H.004100 / I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12: Baton Rouge, LA. Structural Engineer - Mr. Venkata performed structural design and also responsible for the development of structural plans for Ramp 3WB and Ramp 1EB bridges, includes full depth end bents, Hammerhead bents and column bents, LG girder spans, concrete deck. Drilled shafts are used to minimize the noise and vibration in this heavily built up urban area. Barrier mounted Noise walls are provided for the entire length of the bridges. Mr. Venkata was also involved in the structural design and plan development of shaft supported Retaining Walls at both ends of the I-10 City Park Lake bridge and other cast-in-place Retaining Walls, Sheet pile walls and Drilled shaft walls. Mr. Venkata was also responsible for the structural design and plan development of Moment slab at the Mechanically Stabilized Earth (MSE) walls and other locations to support the barrier railing and Noise walls. All designs are in accordance with AASHTO LRFD Bridge Design Specifications, 9th Ed., 2020 and LADOTD specifications. Currently, Mr. Venkata is working on the structural design and plan development of Ramp 3EB and Braided Ramp to College Drive exit (Ramp 4EB).		
04/19-12/21	CHEVELLE DRIVE AND SARASOTA DRIVE BRIDGE REPLACEMENTS: East Baton Rouge Parish, LA. Structural Engineer - This project included the replacement of the existing Chevelle Drive Bridge over the West Fork of the North Branch of Ward Creek with a 4-span 80-foot-long slab span bridge and the existing Sarasota Drive bridge over Engineers Depot Canal with a 5-span 105-foot long (20', 20', 25', 20', 20') slab span bridge. Both bridges have pedestrian walks and are located in Baton Rouge, Louisiana. Mr. Venkata performed the final design calculations and plan preparation for both bridges in accordance with AASHTO LRFD Bridge Design Specifications, the AASHTO Manual for Bridge Evaluation, and the LADOTD Bridge Design Manual.		

FIRM EMPLOYED BY		The Lakvold Group, LLC	
NAME	Angela Lemoine-Lakvold	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	26
TITLE	Owner/Appraiser	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	14
DEGREE(S) / YEARS / SPECIALIZATION		BS – Business and Public Administration 1985, Master of Business Administration 1999, Numerous classes and seminars on various real estate topics 1986-present	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		Louisiana State Certified General Appraiser #G0575; December 31, 2027	
YEAR REGISTERED	1992	DISCIPLINE	General Real Estate Appraiser
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Conceptual Stage Relocation/Real Estate	
EXPERIENCE DATES (MM/YY–MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., “DESIGNED DRAINAGE”, “DESIGNED GIRDERS”, “DESIGNED INTERSECTION”, ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
01/20-Ongoing	SPN H.003931, I-10 CALCASIEU RIVER BRIDGE PUBLIC PRIVATE PARTNERSHIP (P3) PROJECT, LADOTD, CALCASIEU PARISH, LA: Completed the Conceptual Stage Relocation Plan for the project as part of the Environmental Assessment. Currently working on the appraisals for the acquisition of the required right-of-way for this design-build project.		
11/22-Ongoing	SPN H.004100, I-10: LA 415 to Essen on I-10 and I-12; Phase I: West Washington Street to Essen Lane, East Baton Rouge Parish, LA. Completed appraisals for the design-build for the expansion of Interstate 10 within the City of Baton Rouge.		
03/24 – 01/25	SPN H.005168, NEW ORLEANS GATEWAY PROGRAM, JEFFERSON RAIL CROSSING RELOCATION, JEFFERSON PARISH, LA: Completed Conceptual Stage Relocation Plan for the project.		
03/25 – 07/25	SPN H.014318, GURNEY ROAD BRIDGES OVER DRAINAGE CANAL, EAST BATON ROUGE PARISH, LA: Completed appraisals for the replacement of two existing bridges.		
05/24 – 05/25	SPN H.001779, JIMMIE DAVIS BRIDGE (LA 511) (HBI), CADDO PARISH AND BOSSIER PARISH, LA: Completed appraisals for the replacement of the Jimmie Davis Bridge.		
03/24 – 10/24	SPN H.014416, LA 3125 @ LA 3274 ROUNDABOUT, ST. JAMES PARISH, LA: Completed appraisal for completion of a roundabout.		
06/22 – 10/23	CPP 12-CS-HC-0060, JONES CREEK ROAD EXTENSION, EAST BATON ROUGE PARISH, LA: Completed appraisals for completion of a new alignment roadway from Tiger Bend Road to Airline Highway.		
07/21 – 10/21	PLC PROJECT NO. 13001, PORT OF LAKE CHARLES RAIL RELOCATION AT WEST SALLIER STREET IN CONJUNCTION WITH STATE PROJECT NO. 005967, CALCASIEU PARISH, LA: Completion of appraisal reviews for the above referenced property.		
09/20 – 12/21	SPN H.004791, LA 23: Belle Chasse Bridge & Tunnel (HBI), Plaquemines Parish and Jefferson Parish, LA: Completion of appraisal for the design-build bridge to replace the existing bridge and tunnel.		

FIRM EMPLOYED BY G.E.C., Inc.			
NAME	Carlos Perez, GISP		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Senior GIS Analyst		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		B.A. / 1998 / Anthropology	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A	
YEAR REGISTERED	N/A	DISCIPLINE	N/A
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: GIS/CADD Databases, Visual Renderings	
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	<i>Mr. Perez has 26 years of experience; he is a GIS developer and project manager in the Environmental Department. He has worked extensively with field GPS units, downloading data and creating GIS coverages from GPS Data following field sampling, and designing web interfaces for GIS data. Mr. Perez has experience in both ESRI and Intergraph GIS softwares in addition to digitizing skills in MicroStation and IRAS-C. Mr. Perez is also experienced in programming in Visual Basic for ArcObjects, HTML, Java, ASP.NET, Flex, SQL, and ArcGIS Server, allowing for greater customization of ESRI and Oracle products. His background in archaeology and Section 106 compliance adds to the diversity of the GIS Department providing additional insight especially when performing impact analyses which include cultural resources.</i>		
10/23-Present SECTION 17 PROJECT	LADOTD S.P. NO. 4400025040 / IJA OFF-SYSTEM BRIDGE PROGRAM: East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, and Assumption Parishes, LA. <i>GIS Analyst/Cultural Resources Specialist</i> - Mr. Perez performs duties for this project as a GIS Analyst/Cultural Resources Specialist. Tasks include impact analysis of design for cultural resources and wetlands. For cultural resources, the designs were overlaid with La SHPO maintained database layers for recorded cultural resources. Historical aeriels and maps were examined to determine standing structures that were at least 50 years of age within the viewshed of the projects. The structures of sufficient age were then recorded on Louisiana Historic Resource Inventory forms and affect determinations were created. Tribal and Section 106 packets were prepared with the findings and submitted to La DOTD. For wetlands. GPS units were loaded with the designs. Field crews performed site visits to record existing wetlands for each project. The wetlands were then processed and reported to DOTD in a delineation report.		
02/17-01/23 SECTION 17 PROJECT	THIRD PARTY EIS FOR THE MID-BARATARIA SEDIMENT DIVERSION: Plaquemines, LA. <i>GIS Analyst</i> - Mr. Perez served as GIS Analyst and Sharepoint Designer on the GEC Team leading development of a Third-Party EIS for the MBSD Project proposed by CPRA. The EIS was prepared under the direction of USACE, New Orleans District, to aid in their decision-making regarding CPRA's permit application pursuant to Section 404 of the Clean Water Act (CWA) and Section 10 of the Rivers and Harbors Act, and permissions under 33 U.S.C. Section 408. The Third-Party EIS assessed the potential adverse and beneficial impacts associated with the construction and operation of the project. In addition, the EIS was used to inform decisions that the DWH NRDA LA TIG may make regarding restoration planning under OPA. This highly publicized and controversial project included seven cooperating agencies, 10 commenting agencies, and 11 consulting tribes for the EIS and has been placed on the Permitting Dashboard under the FAST-41 process.		
01/14-05/17 SECTION 17 PROJECT	LADOTD S.P. NO. H.004987 / US 190 / COLLINS BOULEVARD WIDENING (LA 25 TO US 190B): Covington, LA. <i>GIS Analyst</i> - Mr. Perez aided in the preparation of the Environmental Assessment (with FONSI) and Line, and Grade Study to widen approximately 3 miles of U.S. 190 in Covington, a project that included the construction of new bridges across the Bogue Falaya River. Notably, the project proposed the elimination of all signalized intersections within the project corridor and replacement with roundabouts. Mr. Perez managed the GIS database of all characteristics of the study area, created renderings for public and stakeholder outreach, and aided in the public and stakeholder outreach activities.		
11/22-Present SECTION 17 PROJECT	LOUISIANA INTERNATIONAL TERMINAL (LIT) ENVIRONMENTAL ASSESSMENT (EA): Violet, LA. <i>GIS Analyst</i> - GEC is serving as the prime consultant in developing the EA for the new LIT Port on behalf of the Port of New Orleans. The Port of New Orleans is investing in a new \$1.8 billion container terminal project—The Louisiana International Terminal – to serve vessels of all sizes, providing goods to support Louisiana's homes and businesses. GEC is preparing a detailed impact analysis for the proposed terminal in accordance with the National Environmental Policy Act (NEPA) and is conducting a range of studies addressing concerns raised by the public. GEC is responsible for the overall development of the Environmental Assessment (EA) in order to secure necessary permits and permissions to construct the proposed LIT in St. Bernard Parish. Mr. Perez develops all maps and implements all required GIS analyses for the EA.		

FIRM EMPLOYED BY G.E.C., Inc.				
NAME	Ryleigh Valley		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	<1
TITLE	GIS Technician		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	0
DEGREE(S) / YEARS / SPECIALIZATION		N/A		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A		
YEAR REGISTERED	N/A	DISCIPLINE	N/A	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: GIS/CADD Databases, Visual Renderings		
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).			
 <i>Ms. Valley joined GEC's GIS Department in 2026 as a GIS Technician. She is currently pursuing a Bachelor's degree in geographic and environmental studies with a minor in oceanography. She has experience with spatial analysis, environmental management and sustainable planning and supports several ongoing projects. She is proficient in Microsoft Office Suite, Google Workspace, ArcGIS Desktop, ArcGIS Pro, ERDA imagine, and Canva.</i>				
2026	NAVAL AIR STATION OCEANA: Virginia Beach, VA and Naval Auxiliary Landing Field Fentress, Chesapeake, VA. GIS Technician - Ms. Valley contributed to the creation and redevelopment of geodatabases for the National Heritage Survey conducted at Naval Air Station Oceana and Naval Auxiliary Landing Field Fentress. As part of this effort, she updated species point data, ensuring attribute accuracy and consistency across datasets. Ms. Valley also redesigned and produced figures for project reports, improving the clarity and quality of geospatial data presentation.			
2026-Present	PORT OF NEW ORLEANS LOUISIANA INTERNATIONAL TERMINAL (LIT) ENVIRONMENTAL ASSESSMENT: Violet, LA. GIS Technician - Ms. Valley utilized ArcGIS for geospatial analysis and cartographic production, where she updated existing geodatabases with new and revised datasets for the Port of New Orleans Louisiana International Terminal (LIT) Environmental Assessment project. She ensured the accuracy and consistency of spatial and attribute data through quality control procedures. She also designed and exported high-quality maps and figures for project reports, meeting project standards and improving the clarity of geospatial information.			
2026-Present	LADOTD S.P. NO. 4400025040 / IIJA OFF-SYSTEM BRIDGE PROGRAM: East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, and Assumption Parishes, LA. GIS Technician - Ms. Valley utilized ArcGIS for geospatial analysis and cartographic production, where she updated existing geodatabases with new and revised datasets for the Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program. She ensured the accuracy and consistency of spatial and attribute data through quality control procedures. She also designed and exported high-quality maps and figures for project reports, meeting project standards and improving the clarity of geospatial information.			
2026-Present	RED RIVER NAVIGATION FEASIBILITY STUDY AND EIS: Southwest AR and Northwest LA. GIS Technician - Ms. Valley contributed to the Red River Navigation Feasibility Study and Environmental Impact Statement (EIS) for Southwest Arkansas and Northwest Louisiana by updating and revising geodatabases within ArcGIS systems. She ensured data accuracy and consistency through careful data management practices. Ms. Valley also designed and exported high-quality maps and figures for project reports, supporting clear and effective presentation of geospatial information.			
2026-Present	PORT OF IBERIA: New Iberia, LA. GIS Technician - Ms. Valley assisted with the Port of Iberia project by creating and updating geodatabases of roadway data for use across multiple software systems. She ensured the datasets were organized, accurate, and compatible with other applications, supporting efficient data integration and project workflows.			

FIRM EMPLOYED BY G.E.C., Inc.				
NAME	Dawn Roshto		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	20
TITLE	Senior CADD Technician		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	12
DEGREE(S) / YEARS / SPECIALIZATION		Technical Drafting / 1996		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A		
YEAR REGISTERED	N/A	DISCIPLINE	N/A	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: GIS/CADD Databases, Visual Renderings		
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).			
	Mrs. Roshto has worked with GEC for 19 years on road design projects. These projects include detailing of roadways, profile and surface information, plan and profile drawings, joint layouts, geometric layouts, typical sections and details, storm drainage plans, survey control layouts, traffic signal plans, maintenance of traffic plans and gathering of design information. Mrs. Roshto has previous experience with projects that included civil design, roadway plans, gas pipelines, sewer pump stations, utility layouts, structural plans, fueling stations, cellular towers, boundary surveys and aerial plans. Mrs. Roshto has drafted detailed construction drawings, topographical profiles, related maps and specifications used in planning and construction of civil engineering projects by performing the following duties: reviewed rough sketches, drawings, specifications, and other engineering data received from Civil Engineer; plotted maps and charts showing profiles and cross-sections, indicating relation of topographical contours and elevations to buildings, retaining walls, tunnels, overhead power lines, and other structures; drafted detailed drawings of structures and installations such as roads, culverts, freshwater supply and sewage disposal systems; performed portions of designs for routine projects under direction of project manager; participated in project kick-off meetings for projects.			
07/06-06/13	LADOTD S.P. NO. 700-28-0004/ US 71/165 FORT BUHLOW BRIDGE AND APPROACHES: Alexandria/Pineville, LA. Lead CAD Technician - For this Line and Grade study with Environmental Assessment, Mrs. Roshto provided CAD drafting design for final bridge and roadway plans. The project included a traffic study for a new bridge spanning the Red River in Alexandria. GEC's design included controlled access by means of frontage roads and local access roads which connected to the project at locations selected to best minimize disruption to traffic flows as recommended by the traffic study. GEC relocated a local roadway and intersection (Rainbow Dr.). The plans included a wide variety of concrete pavements including the six-lane main roadway, single- and double-lane ramps (with connections to existing I-49 interchange ramps), a four-lane divided arterial, and two-lane access roads.			
06/17-Present	LADOTD S.P. NO. H.003074 / I-10 WIDENING, WILLIAMS TO VETERANS: Jefferson Parish, LA. Lead CAD Technician - Project included the design of the addition of a lane to the existing interstate and the widening/replacement of bridges to accommodate the additional lane. Mrs. Roshto provides CAD design for final plans in accordance with LADOTD's Roadway Design Procedures and Details Manual which are more than 95% complete.			
09/19-10/24	LASAFE AIRLINE AND MAIN COMPLETE STREETS: LaPlace, LA. Lead CAD Technician - The project involved the design of a shared use path along Airline Highway that would connect to Main St. This path will accommodate pedestrians and bicyclists to improve accessibility and mobility, along with curb bump outs to reduce the crosswalk distances and eliminate parking within the vicinity of the crosswalks to improve sight distance of pedestrians at the crossings. The corridor utilizes landscaped bioswales to capture and slow runoff while simultaneously providing beautification of the area. Main St. was redesigned to accommodate on street parking, sidewalks were added down the entire project corridor on both sides, and bicycle lanes were added as well. Mrs. Roshto was lead CAD designer for the project which is currently under construction.			
09/20-Present	BLUEBONNET BLVD. (PERKINS TO PICARDY): Baton Rouge, LA. Lead CAD Technician - GEC is designing the widening of Bluebonnet Blvd. to include an additional lane in each direction, a 10-ft. wide shared use path on the west side, a 5-ft. wide sidewalk on the east side, painted bike lanes, roadway markings, flashing beacons, bus stops, refuge islands, roadway warning lights, high visibility crosswalks, and planting buffers for improved pedestrian safety, accessibility, and mobility to area facilities. The project includes replacement of existing bridges at Dawson Creek. Mrs. Roshto is the lead CAD designer for the project.			

**PUBLIC INVOLVEMENT &
AGENCY COORDINATION
RESUMES**

FIRM EMPLOYED BY Franklin Associates, LLC			
NAME	James Taylor, MLA, AICP		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER 15
TITLE	Senior Project Manager		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S) 34
DEGREE(S) / YEARS / SPECIALIZATION		MLA / 1996 / Master of Landscape Architecture; BS / 1989 / Horticulture	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		#021110 / Louisiana / N/A	
YEAR REGISTERED	2003	DISCIPLINE	Certified Planner, American Institute of Certified Planners
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Public Involvement & Agency Coordination Task Lead	
EXPERIENCE DATES (MM/YY–MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., “DESIGNED DRAINAGE”, “DESIGNED GIRDERS”, “DESIGNED INTERSECTION”, ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	<i>James Taylor is a Senior Project Manager and certified urban planner (AICP) with more than 34 years of experience leading public engagement, planning, GIS analysis, and NEPA-compliant outreach for transportation and infrastructure projects. He has played key leadership roles on many of Louisiana’s most significant LA DOTD initiatives, including the I-10 Widening Baton Rouge Project, I-10 Improvements, I-49 Inner City Connector, and Mississippi River Bridge South Corridor Study, where he has developed and implemented stakeholder engagement strategies, coordinated public meetings, managed surveys and data analysis, created outreach materials, and ensured compliance with NEPA public involvement requirements. Throughout his career, James has contributed to more than 150 planning and infrastructure projects, combining technical expertise in GIS, demographic analysis, and public engagement to help agencies understand community impacts, communicate complex technical information, and make informed, data-driven decisions that support successful project delivery.</i>		
2025 – Present	IBERVILLE PARISH MASTER PLAN UPDATE: Plaquemine, LA. Senior Project Manager - Guides the drafting and implementation of a stakeholder engagement plan; Identifies and informs project stakeholders, provides public engagement coordination, outreach materials, content development, survey deployment and analysis, website management, and documentation of efforts.		
2025 – Present	DOWNTOWN BATON ROUGE MASTER PLAN III UPDATE: Baton Rouge, LA. Subject Matter Expert - Assists to the creation of the public engagement strategy; Establishes engagement objectives, success measures, and outreach approaches; Provides support in planning and facilitating focus groups and public participation events; Participates in analyzing community input and synthesizing data collected through engagement activities.		
2025 – Present	I-10 WIDENING BATON ROUGE CMAR: Baton Rouge, LA. Public Engagement Lead - Drafted and guided the implementation of a stakeholder engagement plan; Identifies and informs project stakeholders, provides public engagement coordination, outreach materials, content development, survey deployment and analysis, website management, and documentation of efforts; Maintains compliance with NEPA policy guidelines and best practices.		
01/25 – 04/25	I-10 WASHINGTON ST. EB EXIT RAMP CLOSURE: Baton Rouge, LA. Senior Project Manager - Developed an environmental justice (EJ) stakeholder and mailing list using demographic analysis and Property Assessor parcel data to support targeted outreach and NEPA-related engagement requirements; Led community engagement efforts through mailed notices, door-to-door canvassing, informational materials, survey coordination, and community information kiosks to gather and document public feedback regarding the proposed exit ramp closure.		
2022 – Present	MISSISSIPPI RIVER BRIDGE SOUTH - LA 1 TO LA 30 PRE-NEPA STUDY: Plaquemine, LA. Public Engagement Lead - Coordinated public engagement, outreach materials content development, survey creation, deployment and analysis, web content management, and design for project exhibits and materials; Maintains compliance with NEPA policy guidelines and best practices; The project is now proceeding into the official NEPA environmental assessment phase, and Franklin’s participation in coordinating public engagement efforts continues.		
2011 – Present	I-49 INNER CITY CONNECTOR (DOTD STAGE 1): Shreveport, LA. Visioning and Public Engagement Lead - Managed multiple rounds of public engagement meetings, developed and implemented visioning exercises, advertising, neighborhood canvassing, public input documentation, agency coordination, stakeholder group facilitation, and governmental relations; Assisted in translating technical information into accessible formats during DOTD’s Stage 0 feasibility study and Stage 1 NEPA environmental impact statement for the 3.5-mile connection of I-49 through Shreveport.		

FIRM EMPLOYED BY **Franklin Associates, LLC**NAME **James Taylor, MLA, AICP***Continued Resume*

2023 – 2024	FLORIDA CORRIDOR MASTER PLAN: Baton Rouge, LA. Public Engagement Support - Reviewed and assisted with crafting of the public engagement plan; Provided support in stakeholder identification and engagement, assisted with public meeting facilitation; Designed and assisted with facilitation of stakeholder engagement exercises; Provided historical context and localized facts to consultant team, informing their analysis and recommendations; Assisted with project documentation.
2023 – 2023	FUTUREBR MASTER PLAN: Baton Rouge, LA. Public Engagement Lead - Created the stakeholder and public engagement plan; Led venue coordination, guided production of promotional materials, and coordinated with client; Public meeting facilitation and stakeholder interactions; Event and feedback documentation.
2016 – 2019	I-10 IMPROVEMENTS (DOTD STAGES 0 AND 1): Baton Rouge, LA. Public Engagement Lead - Drafted and guided the implementation of a stakeholder engagement plan; Organized multiple rounds of geographically distributed public meetings; Directed two scientific telephone poll surveys by the LSU School of Public Policy, augmented with an online poll advertised through traditional and social media; Assisted with meeting facilitation, stakeholder and elected officials' engagement, and documentation; Led all survey development, data analysis of community stakeholder input, and project documentation.

FIRM EMPLOYED BY Franklin Associates, LLC			
NAME	Angela Noote		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Project Manager		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		BA / 1991 / Communications – Public Relations	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A	
YEAR REGISTERED	N/A	DISCIPLINE	N/A
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Public Involvement & Agency Coordination	
EXPERIENCE DATES (MM/YY–MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., “DESIGNED DRAINAGE”, “DESIGNED GIRDERS”, “DESIGNED INTERSECTION”, ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
27 years of experience	<i>Angela Noote leads Franklin Associates’ project communication efforts with more than 30 years of communications experience as a writer, editor, marketer, communications director and lobbyist. She is the Communications Project Manager for the I-49 Inner-City Connector public engagement project, where she has organized public meetings and prepared reports to highlight stakeholder feedback. As the media liaison for the Louisiana State University Foundation’s University Lake Project, she leads all media relations efforts, including organizing interviews and tracking the amount, tone, and sentiment of media coverage. She is the Public Information Officer for the Belle Chasse Bridge & Tunnel Replacement Project, the first P3 infrastructure project for the state’s Department of Transportation and Development in Louisiana. She is also on the communications team for the \$2.3B Calcasieu River Bridge P3 project, contributing strategies and tactics to create connection and affinity for this transformational project. She has contributed to crisis communications/reputation management for clients benefiting from her messaging and brand management experience. Her tailored communications plans emphasize increasing engagement through a variety of channels including social media, traditional media, and the web. She is certified in data analytics and focuses on capturing key engagement metrics to make data-driven decisions on messaging while providing detailed data reports to clients.</i>		
2024 – Present	BELLE CHASSE BRIDGE AND TUNNEL REPLACEMENT PROJECT: Belle Chasse, LA. Communications Project Manager - Manages all communications for the project as Deputy Public Information Officer; Supports tolling education through public channels including newsletter, media releases, and social media posts; Fields all public inquiries and research and create timely responses; Keeps the public updated on construction progress, traffic impacts, and as the official media spokesperson of the project, schedule, participate in, and track amount, tone, and sentiment of media coverage.		
2023 – Present	I-49 INNER CITY CONNECTOR: Shreveport, LA. Communications Project Manager - Led public outreach for the final Phase 0 public meeting for the I-49 Inner-City Connector in Shreveport. This included stakeholder engagement, media relations, meeting promotion, and all meeting logistics followed by a detailed report for DOTD including a summary of the tone and sentiment of public comments. Maintains and updates the project’s website content.		
2023 – Present	UNIVERSITY LAKES IMPROVEMENT PROJECT: Baton Rouge, LA. Communications Project Manager – Leads media relations efforts, which includes setting up interviews and media tracking.		
2023 – Present	I-10 CALCASIEU RIVER BRIDGE REPLACEMENT PROJECT: Lake Charles, LA. Deputy Public Information Manager – Writes and disseminates public notices and press releases concerning project updates and impacts to the community. Maintains documentation of and coordinates responses to inquiries related to all aspects of the project, including residents, business owners, and government leaders. Presents information to the public via social media, open houses, community education events, and meetings with special interest groups. Tracks and reports on monthly communications metrics.		
2023 – 2023	EAST BATON ROUGE PARISH LIBRARY OPERATIONS ASSESSMENT: Baton Rouge, LA. Communications Project Manager – Developed a change management plan to impact internal culture and aid in employee retention within the library system. Performed extensive audit encompassing surveys and focus groups, creating a detailed report with recommendations and a move-forward action plan.		

FIRM EMPLOYED BY Franklin Associates, LLC			
NAME	Laura Livingston, MS, PMP		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER 3
TITLE	Project Manager		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S) 7
DEGREE(S) / YEARS / SPECIALIZATION		MS / 2022 / Environmental Policy and Management, Energy and Sustainability BA / 2015 / Political Science	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		#4305587 / LA	
YEAR REGISTERED	2026	DISCIPLINE	Project Management Professional – PMP
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Public Involvement & Agency Coordination	
EXPERIENCE DATES (MM/YY–MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., “DESIGNED DRAINAGE”, “DESIGNED GIRDERS”, “DESIGNED INTERSECTION”, ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
<i>10 years of experience</i>	<i>Laura Livingston has over seven years of experience managing complex projects at all levels of implementation. She has built teams from scratch, including a multilingual staff of 10 for an emergency COVID-19 project, and continued to provide managerial support by implementing clear policies and procedures designed to increase efficiency. She can develop strategic plans for community engagement just as easily as she conducts interviews to compile feedback for clients. Laura also has experience writing grants and a track record of receiving funding, a testament to her attention to detail and ability to effectively articulate a project’s scope from the beginning. Due to her background with environmental policy, Laura has led a number of projects that demand a firm understanding of energy and conservation regulations.</i>		
2025 – Present	IBERVILLE PARISH MASTER PLAN UPDATE: Plaquemine, LA. Project Manager – Drafts and executes the public engagement plan. Establishes engagement objectives, success measures, and outreach approaches. Plans and facilitates focus groups and public participation events.		
2025 – Present	DOWNTOWN BATON ROUGE MASTER PLAN III UPDATE: Baton Rouge, LA. Outreach Specialist – Contributes to the creation of the public engagement strategy. Aids in establishing engagement objectives, success measures, and outreach approaches. Provides support in planning and facilitating focus groups and public participation events. Participates in analyzing community input and synthesizing data collected through engagement activities.		
2025 – Present	I-10 WIDENING BATON ROUGE CMAR: Baton Rouge, LA. Outreach Specialist – Identify and inform project stakeholders. Provide public engagement coordination. Support the development of project materials and outreach surveys. Document and analyze outreach results.		
11/24 – 03/26	CARBON SOLUTIONS LOCAETA DEVELOPMENT: Baton Rouge, LA. Project Manager – Develop a framework for listening sessions to solicit feedback about the client’s air quality analysis tool to inform further development of the prototype. Identify stakeholders to participate in the listening sessions. Facilitate one virtual listening session with national stakeholders. Analyze and summarize stakeholder input into a comprehensive report. Supply client with all event materials for use in future events.		
04/24 – 04/25	CAPITOL REGION PLANNING COMMISSION REGIONAL CLIMATE ACTION PLAN: Baton Rouge, LA. Project Manager – Develop strategic outreach and engagement plan for the Baton Rouge MSA. Organize and facilitate interviews with key stakeholders. Establish and coordinate partnerships with a Community Working Group, a coalition of local outreach organizations, to assist with public engagement. Design and execute public outreach events throughout the Baton Rouge MSA. Facilitate four sector focus groups to solicit feedback about potential low-carbon scenarios. Analyze and summarize feedback into a comprehensive report.		
05/23 – 07/24	DCFS STRATEGIC RECRUITMENT, RETENTION, AND PUBLIC OUTREACH CAMPAIGN: Baton Rouge, LA. Project Manager – Developed strategic recruitment plan for staff and foster parents. Curated and facilitated media campaign for outreach efforts. Improved awareness for DCFS supportive services through communications plans.		
02/23 – 07/23	GREAT PLAINS INSTITUTE CARBON MANAGEMENT ROUNDTABLES: Baton Rouge, LA. Project Manager – Developed strategic plan for community outreach and engagement. Collaborates with local environmental justice organizers to connect with community stakeholders. Conducts stakeholder interviews about opinions of carbon capture, utilization, and storage projects to reduce climate change impacts. Designed and facilitated four round table discussions with curated participants from communities around the state. Compiles feedback into a clear and detailed report for the client’s use.		

FIRM EMPLOYED BY Franklin Associates, LLC			
NAME	Crystal Bennett		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER
TITLE	Project Coordinator		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)
DEGREE(S) / YEARS / SPECIALIZATION		BA / 2016 / Mass Communications	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A	
YEAR REGISTERED	N/A	DISCIPLINE	N/A
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Public Involvement & Agency Coordination	
EXPERIENCE DATES (MM/YY–MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., “DESIGNED DRAINAGE”, “DESIGNED GIRDERS”, “DESIGNED INTERSECTION”, ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
12 years of experience	<i>Crystal Bennett has several years of experience supporting public engagement, stakeholder outreach, and strategic communications initiatives for transportation, infrastructure, and community planning projects. She plays an integral role in coordinating public involvement activities, conducting stakeholder research, tracking engagement metrics, and developing communications that connect communities with projects that affect them. Crystal has supported major initiatives including the MOVEBR Program and the Belle Chasse Bridge and Tunnel Replacement P3 Project, where she has helped coordinate public meetings, manage community outreach efforts, distribute project information, and monitor public engagement across multiple communication platforms. Drawing on experience in both the public and private sectors, Crystal brings a passion for building relationships, improving communication, and ensuring stakeholders have meaningful opportunities to engage throughout the life of a project.</i>		
05/24 - Present	MOVEBR PUBLIC OUTREACH: Baton Rouge, LA. Project Coordinator – Supported public meetings through organizing venue information, creating sign-in forms, and analyzing data after meetings. Audited website for incorrect/inconsistent information of capacity-based projects. Created a database of neighborhood demographics.		
05/24 – 07/24	NORTHDAL COMMUNITY MEETING: Baton Rouge, LA. Project Coordinator – Research stakeholders and facilitate public outreach. Assist engagement strategy efforts. Attend and support public meeting efforts.		
05/24 – Present	BELLE CHASSE BRIDGE PROJECT: Belle Chasse, LA. Project Coordinator – Tracks social engagement efforts. Creates and sends out weekly traffic updates through multiple media platforms. Hosts public engagement opportunities to facilitate distribution of toll tags. Assists with legislative research for executive team.		
08/21 – 02/24	LOUISIANA DEPARTMENT OF CHILDREN AND FAMILY SERVICES (DCFS): Baton Rouge, LA. Project Coordinator – Assisted planning and implementation of No Wrong Door practices for 1,600 employees statewide. Developed communication strategy for internal practices. Managed project partner relationships, preventing communication breakdowns. Tracked progress and timelines of projects. Produced and developed the Secretary’s department-wide monthly meetings to include rotating panelists and improve internal communications.		

A Proven Approach. Clear Communication. Successful Delivery.

With expertise in the FHWA-LADOTD NEPA process and a thorough understanding of the project scope, the GEC Team delivers a strategic, transparent, and proactive approach, driving efficient project execution, informed decision-making, and timely results from kickoff through completion.

PROJECT SIMILARITIES TO THE SCOPE OF WORK

INDEX OF INCLUDED PROJECTS BY CONTRACT RELEVANCE		NEPA/Environmental Impacts Analysis	Engineering Development/ Alternatives Analysis	Road/Bridge Design	Public/Stakeholder Outreach	Wetlands/T&E/BA/ ESA/Permits	GIS/CADD	Community Impacts	Air/Noise	CSRP	Traffic & Safety Studies	Cultural Resources
GEC	I-10 CMAR	*	*	*	*		*	*				
	IIJA	*	*	*		*	*					
	US 190 EA	*	*	*	*	*	*	*				
	MBSD	*			*	*	*	*				
	PONO LIT EA	*			*	*	*	*				
Bowlby	I-49								*			
	I-10 CMAR								*			
	Sugar House								*			
Lakvold	I-10 Calcasieu									*		
	NO Gateway									*		
	Pecue Lane									*		
Franklin	I-10 CMAR				*			*				
	I-49				*							
	I-10 Washington				*			*				
Gresham Smith	LA 3089		*								*	
	LA 37		*								*	
	LA 3127		*								*	
Providence	I-49 N	*	*									*
	Sugar House	*	*			*						*
	Miss River Bridge	*			*	*						

* indicates if the scope item was performed as a part of the project shown on the project sheets

Colors indicate the assigned scope items for the Environmental Services IDIQ

FIRM NAME	G.E.C., Inc.		DISCIPLINE(S)*	Environmental
PROJECT NAME	I-10: LA 415 to Essen Lane on I-10 and I-12			FIRM RESPONSIBILITY (PRIME OR SUB?) Sub
PROJECT NUMBER	H.004100	OWNER'S NAME	LADOTD	
PROJECT LOCATION	East and West Baton Rouge Parishes, LA		OWNER'S PROJECT MANAGER	Nicholas Olivier
OWNER'S ADDRESS, PHONE, EMAIL	1201 Capital Access Road, Baton Rouge, LA 70804, Nicholas.olivier@la.gov, 225-379-1133			
SERVICES COMMENCED BY THIS FIRM (MM/YY)	09/20	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)		\$ 10,741
SERVICES COMPLETED BY THIS FIRM (MM/YY)	Present	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)		\$ 10,741

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

As a sub-consultant to Huval, GEC is providing project management, engineering and related design services to develop the construction plans for the Construction Management at Risk (CMAR) project for the improvements to I-10, including frontage roads, through the urban area of Baton Rouge, LA. LADOTD is in the process of widening I-10 from the LA 415 interchange (west side of Mississippi River) to just east of the I-10/I-12 split (east side of the Mississippi River). CMAR Phase 1 of the Project extends from W. of Washington Street to just east of the I-10/I-12 interchange (east side of the Mississippi River). CMAR Phase 2 is the remainder of the corridor from LA 415 to just W. of Washington Street (Lorri Burgess Avenue) (work in this area will exclude the existing Mississippi River Bridge). GEC assisted with the design and development of the Roadway Corridor Preservation (RCP) Plans for Phase 1. GEC is currently providing project management and design services for CMAR Segment 1.

GEC is assisting with the project management of this complex project. As the project's primary management partner, GEC is responsible for overseeing a wide range of critical project elements including the development of the Design Quality Manual that outlines processes to be followed during the design phase. Additionally, GEC has developed a detailed Project Management Plan, outlining the strategies and processes that guide the project's progression from start to finish. Recognizing the financial complexities inherent in a project of this scale, GEC has also led the creation of the Initial Financial Plan and continues to provide updates.

GEC leads the crucial effort for NEPA re-evaluations which includes documentation, stakeholder meetings, public meetings (logistics and development of information), and the development and coordination of content from other team members and LADOTD into the comprehensive document for submittal to FHWA. In addition, GEC provides oversight for compliance with the mitigations and commitments included in the NEPA document and the coordination and development of information and graphics required for securing the appropriate permits.

GEC is also responsible for overseeing the project's public outreach efforts during design. GEC has developed informative PowerPoint presentations and content for the project website and media communications. These materials are then shared with the public and key stakeholders through a variety of forums, including individual meetings, conferences, public gatherings, and other engagement platforms. Finally, GEC's commitment to document control allows for maintaining all meeting summaries, decision logs, and other critical records therefore, providing a comprehensive repository for tracking discussions and decisions made throughout the project's lifecycle.

In addition to the project management and environmental tasks, GEC provides design which includes all aesthetic lighting at the City Park Lake Bridge and underpasses and pedestrian lighting for the Greenway multi-use path throughout the entire project length, from the Expressway Park to Dalrymple Drive. Additional design services include road, bridge, retaining walls, and noisewalls and coordination with roadway and overall design elements.

Firm Members Involved: Sherri LeBas, Bliss Bernard, Nicole Forsyth, Chelsea Crawford, Chris Nipper, Keith Rebello, Varaprasad Venkata, Tom Swanson, Jonathan Puls, Cary Bourgeois

This project demonstrates GEC's expertise in NEPA re-evaluations, public involvement, stakeholder engagement, agency coordination, environmental commitments tracking, alternatives development, traffic corridor planning, and environmental process management, all of which directly support multiple work categories for the LADOTD Environmental Services IDIQ.



I-10 City Park Lake Bridge ongoing construction facing east above Dalrymple Drive

FIRM NAME	G.E.C., Inc.		DISCIPLINE(S)*	Environmental
PROJECT NAME	IJA Off-System Bridge Program, District 61 Less EBR			FIRM RESPONSIBILITY (PRIME OR SUB?) Prime
PROJECT NUMBER	4400025040	OWNER'S NAME	LADOTD	
PROJECT LOCATION	East & West Feliciana/Iberville/Pointe Coupe/West Baton Rouge/Ascension/Assumption Parish, LA			OWNER'S PROJECT MANAGER Barbara Ostuno
OWNER'S ADDRESS, PHONE, EMAIL	1201 Capitol Access Road, Baton Rouge, LA, 225-379-1047, barbara.ostuno@la.gov			
SERVICES COMMENCED BY THIS FIRM (MM/YY)	08/23	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)		\$ 2,600
SERVICES COMPLETED BY THIS FIRM (MM/YY)	Present	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)		\$ 2,600

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

GEC provided preliminary plans and preparation of final construction contract plans for the replacement of thirteen (13) off-system bridges across seven parishes, including H.015352- Highland Rd; H.015530-Devall Rd; H.015531-Beco Rd; H.015532-Rue de Kajun Rd; H.015533-Midway Rd; H.015534-Line Rd; H.015535-Billy Goat Rd; H.015536-Thompson Creek Rd; H.015538-Callegan Rd; H.015539-Lorio Dairy Rd; H.015540-Section Rd; H.015541-Canfield Rd; and H.015542-Greenwood Rd.

GEC also provided rebuilding of the approach roadways, as-designed LRFR Rating for the super- and sub-structures of these bridges, and drainage. Design was in accordance with the Federal Aid Off-System Highway Bridge Program and the Off-System Hydraulic Design Guidelines. Tasks included horizontal and vertical geometry, guardrail design, hydraulic analysis of the project area and the existing bridge, hydraulic modeling and reporting, establishing required right-of-way (ROW) limits, plan/pro sheet development, cross section development, development of additional plan sheets, and preparing cost estimates for proposed design. GEC provided 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 provides comprehensive environmental services including CEs, wetland delineations, Section 106 coordination, ESA evaluations, USACE and USCG permitting, floodplain analysis, HEC-RAS modeling, GIS mapping, and environmental documentation which closely mirror the RFQ's technical analyses and permitting scope requirements.

GEC provided environmental services on these bridge projects including field surveys, desktop analysis, preparation of SOV packages, environmental checklists, navigation documentation and USCG permitting, USACE, LDWF/USFWS, LDEQ, LADOTD, C&E consultations and permitting, IPaC assessments, cultural and tribal SHPO consultations, Section 106 consultations, floodplain permitting, wetland delineations and wetland reports, jurisdictional determinations, PCEs, NWP, and T&E assessments, culminating in Categorical Exclusion (CE) documentation and clearance for DOTD and FHWA approval in accordance with NEPA provisions and FHWA Technical Advisory 6640.8a.

- NEPA Documentation: Preparation and tracking of SOVs, alternatives description development, CE packet preparation, CE environmental checklist completion.
- Permitting: Preparation and submittal of Coastal Use Permit (CUP) applications and Nationwide Permit (NWP) applications; coordination with the Department of Conservation and Energy (C&E) and the U.S. Army Corps of Engineers (USACE); coordination with local floodplain managers.
- ESA & Threatened and Endangered Species: U.S. Fish and Wildlife Service (USFWS) coordination, including utilization of their Information for Planning and Consultation (IPaC) tool, field surveys for evidence of endangered species and/or critical habitat, determination key completion for identified species. GEC assessed potential effects from the project on threatened and endangered species and consults with the USFWS for concurrence regarding these effects.
- Section 106 Consultation: Desktop analysis to identify potential cultural resources within project areas; preparation of consultation packets, including letters to the State Historic Preservation Office (SHPO), review of the historic bridge inventory (HBI), Section 106 Tribal Packets and Cultural Resources Surveys and Studies, and site documentation with photographs and maps.
- Wetland Delineations: Conducted wetland delineations and preparation of the respective delineation reports for the project. GEC coordinated with the New Orleans District Army Corps of Engineers for Preliminary Jurisdictional Determination requests and Nationwide Permit applications, and with the Louisiana Department of Conservation and Energy for Coastal Use Permit applications.
- Navigation: Preparation of Navigability Determination Packets for U.S. Coast Guard (USCG) coordination and permitting.
- GIS: Creation of maps and figures in ArcGIS Pro to support SOV letters, wetland delineation reports, CUP and NWP applications, and Section 106 consultation.

Firm Members Involved: Christopher Nipper, Jerome Lohmann, Cary Bourgeois, Varaprasad Venkata, Jonathan Puls, Chelsea Crawford, Mario Durbic, Derek Miller, Jason Avant, Sarah Sullivan, Carlos Perez

FIRM NAME		G.E.C., Inc.		DISCIPLINE(S)*	Environmental
PROJECT NAME	US 190 / Collins Boulevard Widening (LA 25 to US 190B) Environmental Assessment				FIRM RESPONSIBILITY (PRIME OR SUB?) Prime
PROJECT NUMBER	H.004987		OWNER'S NAME	New Orleans Regional Planning Commission	
PROJECT LOCATION	Covington, Louisiana			OWNER'S PROJECT MANAGER	Jeff Roesel
OWNER'S ADDRESS, PHONE, EMAIL		10 Veterans Blvd., New Orleans, LA, (504) 483-8528, jroesel@norpc.org			
SERVICES COMMENCED BY THIS FIRM (MM/YY)		01/14	TOTAL CONSULTANT CONTRACT COST (\$1,000'S) \$ 426		
SERVICES COMPLETED BY THIS FIRM (MM/YY)		05/17	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S) \$ 426		

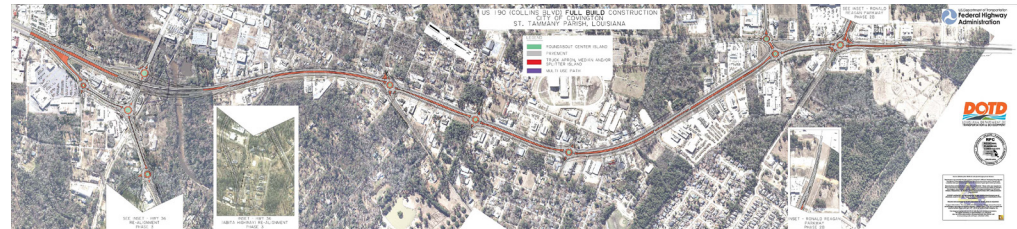
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

GEC provided professional consulting services for an **Environmental Assessment (EA) with a Finding of No Significant Impact (FONSI), and Line and Grade Study** for the widening of US 190 in Covington in accordance with LADOTD, FHWA and NEPA standards. The project corridor spans approximately 2.7 miles and consisted of two travel lanes and a center turn lane from south of LA 25 to north of the two-lane US 190 bridge over the Bogue Falaya River in the south. The project corridor included 20 intersections, 9 signalized and 11 unsignalized, and did not provide areas designated along the roadway for bicyclists and pedestrians. The purpose and need of the project was to widen the corridor to improve capacity and reduce congestion and delays.

GEC provided development of a Purpose and Need statement, agency coordination, Solicitation of Views, and prepared environmental documentation. The report addressed wetlands mitigation and permitting, land use and community charrette, economic activities, historic, cultural social and recreational resources, Sections 4(f) and 6(f), noise and air impacts, floodplains, demographics and environmental justice, relocations of homes and businesses, contaminated sites and required permits, and endangered or threatened species and their habitat. GEC staff obtained, organized, and reviewed engineering data including topographic, parish and state highway maps as well as aerial photography; reviewed existing traffic data, accident data, highway plans and other structural data, hydrologic and hydraulic data, utility information, previous studies and reports, existing survey data. GEC performed traffic impact analysis, collection of daily traffic counts, peak period traffic volumes, turning movements and vehicle data counts, crash data review, conceptual design; performed wetland delineations and permitting; preliminary quantities and cost estimates; preparation of final report and recommendations our staff developed, evaluated and analyzed two alternative alignments, and established roadway; geometry and bridge design criteria; bridge structure sections; intersection/interchange layouts. GEC facilitated all public outreach activities including public meetings, public hearing, and stakeholder and agency outreach. **The EA was approved and LADOTD and FHWA issued a FONSI.**

The alternatives evaluated proposed to widen the roadway to include four 12-ft. travel lanes separated by a 26-ft.-wide median. A 7-ft. wide paved shoulder and a curb and gutter located along both sides of the roadway. The US 190 bridge over the Bogue Falaya River was proposed to be widened to four travel lanes, with a section of the roadway between the bridge and LA 437 to include five 12-ft. travel lanes to extend a right turn lane onto LA 437. Ten roundabouts replaced signalized intersections to facilitate traffic flow and improve safety. A multi-use pedestrian/bicycle path was proposed along the project corridor from LA 25 to the existing Tammany Trace where it crosses the Bogue Falaya River.

Firm Members Involved: Tom Swanson, Barry McCoy, Nicole Forsyth, Jason Avant, Cary Bourgeois, Jerome Lohmann, Carlos Perez



In a performance evaluation for this project, LADOTD recognized GEC for delivering a high-quality Environmental Assessment that was approved by FHWA without substantive comments. Our team demonstrated strong project management, adaptability through evolving project requirements, exceptional technical expertise in wetlands and biological resources, and innovative public outreach techniques that enhanced stakeholder engagement and meeting effectiveness.

EVALUATION NARRATIVES FROM THE LADOTD PROJECT MANAGER:

"NEPA document quality was very good and approved by FHWA without substantive comments or additions. [GEC staff] worked through numerous project changes and timeline starts and stops with a "can-do" attitude. GEC handled and coordinated issues that arose, including changes in right-of-way requirements and additional landowner outreach. Excellent coordination with DOTD Environmental." "Barry McCoy of GEC has exceptional knowledge of procedures for field surveys and needs little to no guidance from DOTD. Submittals required no major edits prior to submittal to regulatory agencies."

FIRM NAME	G.E.C., Inc.		DISCIPLINE(S)*	Environmental
PROJECT NAME	Third Party EIS for the Mid-Barataria Sediment Diversion			FIRM RESPONSIBILITY (PRIME OR SUB?) Prime
PROJECT NUMBER	N/A	OWNER'S NAME	CPRA	
PROJECT LOCATION	Plaquemines Parish, Louisiana		OWNER'S PROJECT MANAGER	Brad Barth, Liz Davoli
OWNER'S ADDRESS, PHONE, EMAIL	150 Terrace Avenue, Baton Rouge, LA 70802, (225) 342-4553, brad.barth@la.gov / Elizabeth.davoli@la.gov			
SERVICES COMMENCED BY THIS FIRM (MM/YY)	02/17	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)		\$ 7,300
SERVICES COMPLETED BY THIS FIRM (MM/YY)	12/22	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)		\$ 3,700

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

The Mid-Barataria Sediment Diversion (MBSD) was one of 33 conceptual projects identified by the Louisiana Coastal Protection and Restoration Authority (CPRA) in Louisiana's 2012 Comprehensive Master Plan for a Sustainable Coast. Through the MBSD project, CPRA proposed to restore and sustain marshes by diverting sediment and nutrient-rich waters from the Mississippi River into the Barataria Basin. The primary feature of the MBSD was a gated diversion structure from the west bank of the Mississippi River levee at River Mile 60.7, to the Barataria Basin. Coincidental to the main structure are replacement of LA Hwy 23 with a fixed-span bridge over the conveyance channel, modification of area rail lines, and associated utility and pipeline relocations and protection. This project was approved for funding in the Deepwater Horizon (DWH) Oil Spill Final Programmatic Damage Assessment and Restoration Plan and Final Programmatic EIS (PDARP/PEIS) published by the DWH Natural Resource Trustees.

GEC provided third-party EIS leadership, NEPA process management, federal agency coordination, ESA compliance, public involvement, alternatives evaluation, hydrologic modeling, and environmental impact analyses which are all core services identified under the DOTD Environmental Services IDIQ.

CPRA applied for a U.S. Army Corps of Engineers (USACE) permit pursuant to Section 404 of the Clean Water Act (CWA) and Section 10 of the Rivers and Harbors Act, and permissions under 33 U.S.C. Section 408. GEC prepared the third party EIS to inform the decision of the New Orleans District USACE (USACE-MVN) relative to issuance of those permits and permissions pursuant to the National Environmental Policy Act (NEPA) of 1969, as amended (42 U.S.C. 4321 et seq.). The third-party EIS assessed the potential negative and beneficial impacts associated with the construction and operation of the project proposed by the Louisiana CPRA and was consistent with the DWH PDARP/PEIS. **GEC prepared the final EIS document and ROD.** The Record of Decision was signed by USACE in December 2022 and the permit and permissions were subsequently approved and issued.

USACE-MVN was the lead federal agency preparing the EIS and directing GEC, filling the role of third-party contractor. GEC had 12 team members to assist in this NEPA effort. GEC was the Prime contractor and overall project management firm, primarily responsible for NEPA documentation, environmental site assessments, natural resources, socioeconomics, data collection analyses and management, hydrologic and coastal modeling, and restoration planning.

This complex and highly controversial project was the first of its kind to be considered subject to the requirements set forth in Title 41 of the Fixing America's Surface Transportation Act (FAST-41) (42 USC §4370m et seq.) and added to the Permitting Dashboard at the request of a non-federal entity (CPRA) and the first project included on the Permitting Dashboard for which USACE is the lead federal agency. Additionally, the project included seven cooperating agencies, 10 commenting agencies, and 11 consulting tribes for the NEPA process and 10 cooperating agencies, four participating agencies, and three participating tribes for the FAST-41 process. This EIS was closely coordinated with NOAA/NMFS in regards to compliance with the Endangered Species Act (ESA), Marine Mammal Protection Act (MMPA), Magnuson-Stevens Fishery Conservation and Management Act (MSFCMA), Oil Pollution Act (OPA), and Natural Resource Damage Assessment (NRDA) restoration planning.

Firm Members Involved: Nicole Forsyth, Bliss Bernard, Barry McCoy, Will Grant, Carlos Perez, Chelsea Crawford, Jonathan Puls, Kevin Horn, Michael Simms

FIRM NAME		G.E.C., Inc.		DISCIPLINE(S)*	Environmental		
PROJECT NAME		Louisiana International Terminal (LIT) Environmental Assessment				FIRM RESPONSIBILITY (PRIME OR SUB?)	Prime
PROJECT NUMBER		N/A		OWNER'S NAME	Port of New Orleans		
PROJECT LOCATION		Violet, Louisiana			OWNER'S PROJECT MANAGER	Chris Gilmore, PE	
OWNER'S ADDRESS, PHONE, EMAIL		1350 Port of New Orleans Place, New Orleans, LA 70130, (504) 528-3305, chris.gilmore@portnola.com					
SERVICES COMMENCED BY THIS FIRM (MM/YY)		11/22		TOTAL CONSULTANT CONTRACT COST (\$1,000'S)			\$ 2,045
SERVICES COMPLETED BY THIS FIRM (MM/YY)		Present		COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)			\$ 2,045

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

GEC is serving as the prime consultant in developing the Environmental Assessment for the new Louisiana International Terminal (LIT) Port in Violet, LA on behalf of the Port of New Orleans. The Port of New Orleans is investing in a new \$1.8 billion container terminal project—The Louisiana International Terminal. The proposed terminal will serve vessels of all sizes, providing goods to support Louisiana's homes and businesses. This modern maritime gateway will also create family-supporting jobs, generate new opportunities throughout the state, and keep Louisiana competitive.

GEC is preparing a detailed impact analysis for the proposed terminal in accordance with the National Environmental Policy Act (NEPA) and is conducting a range of studies addressing concerns raised by the public. GEC is responsible for the overall development of the Environmental Assessment (EA) in order to secure necessary permits and permissions to construct the proposed LIT in St. Bernard Parish. These tasks include:

- Reviewing all technical studies completed to date and conducting data gap analysis to identify data needs and gaps
- Developing the EA Report including sections such as proposed action description, purpose and need, existing conditions, impacts analysis, and cumulative impacts
- Review and synthesis of engineering studies into impact analysis
- Completing environmental surveys in support of impact analysis
- Modeling of ecological, hydrologic, social vulnerability, and socioeconomic conditions and impacts
- Preparation of technical analyses and reports
- Compilation, review, revision and/or preparation of environmental impact assessments and related documentation regarding relevant resources including geology and soils; groundwater resources; water quality; hydrology and hydrodynamics; floodplains; wetlands; air quality; noise and light impacts; wildlife; aquatic resources; threatened and endangered species; socioeconomics such as population, property values, tax revenue, housing, public services, public safety, and community cohesion; cultural resources; land use; recreation and tourism; aesthetics; navigation; and land-based transportation
- Assistance with alternatives analysis and review of conceptual designs
- Development of analysis and documentation related to compliance with laws including, but not limited to, the National Environmental Policy Act, Clean Water Act, Magnuson-Stevens Fishery Conservation and Management Act, Endangered Species Act, Clean Air Act, Rivers and Harbors Act, Coastal Zone Management Act, National Historic Preservation Act, and Floodplain Management Executive Order 11988
- Public and stakeholder involvement activities, including integration of relevant public input into impact assessments and technical reports.

The EA was provided to the Army Corps of Engineers for use in their permit decision and is currently under review.

Firm Members Involved: Chelsea Crawford, Nicole Forsyth, Sarah Sullivan, Bliss Bernard, Barry McCoy, Carlos Perez, Michael Simms

GEC is leading development of a major NEPA EA involving complex ecological, socioeconomic, navigation, transportation, hydrologic, coastal, and environmental justice analyses, coupled with extensive public and agency coordination. This showcases our environmental planning and regulatory compliance expertise sought under this statewide IDIQ contract.



FIRM NAME	Bowlby & Associates, Inc.		DISCIPLINE(S)*	Other (Noise & Air Quality)	
PROJECT NAME	I-49 Inner City Connector (ICC)			FIRM RESPONSIBILITY (PRIME OR SUB?)	Sub
PROJECT NUMBER	H003915	OWNER'S NAME	Louisiana DOTD		
PROJECT LOCATION	Shreveport, Caddo Parish, Louisiana		OWNER'S PROJECT MANAGER	Bobby Lott	
OWNER'S ADDRESS, PHONE, EMAIL	1201 Capitol Access Road, Baton Rouge, LA 70804-9245, (225) 242-4504, robert.lott@la.gov				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	05/14	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)			Unknown
SERVICES COMPLETED BY THIS FIRM (MM/YY)	Current	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)			160

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

Project Description:

The proposed ICC will be a new facility connecting existing I-49 at the I-20 interchange to existing I-49 at the I-220 interchange in Shreveport, Caddo Parish, Louisiana. The project length is approximately 4.7 miles. The ICC will be a fully access-controlled elevated interstate, except for the ramp terminals at the Ford/Caddo Streets and Hearne Avenue interchanges.

Firm's Role:

Sub-consultant to Providence Engineering to conduct the noise and air quality studies. The noise study was conducted per the FHWA noise regulation and the DOTD's Highway Traffic Noise Policy. The study included the identification of noise study areas, measurement and prediction of existing noise levels, model validation, determination of future noise levels, assessment of traffic noise impacts, noise abatement evaluation, discussion of construction noise, information for local officials, and reasonably foreseeable effects. B&A will also participate in a future public meeting.

This Air Quality Impact Assessment (AQIA) was conducted to assess the potential air quality effects of the project per current federal regulations, as well as federal and DOTD guidance. The evaluation addressed the transportation conformity requirements for the project, the potential for the project to violate current carbon monoxide (CO) air quality standards, Mobile Source Air Toxics (MSAT), construction air quality, and reasonably foreseeable effects.

Firm Members Involved: Darlene Reiter, Ph.D., P.E.; Rennie Williamson; Geoffrey Pratt, P.E.

FIRM NAME	Bowlby & Associates, Inc.		DISCIPLINE(S)*	Other (Noise & Air Quality)	
PROJECT NAME	Interstate 10 from LA 415 to Essen Lane (I-10/I-12), East and West Baton Rouge Parishes, Louisiana			FIRM RESPONSIBILITY (PRIME OR SUB?)	Sub
PROJECT NUMBER	H004010		OWNER'S NAME	Louisiana DOTD	
PROJECT LOCATION	East and West Baton Rouge Parishes, Louisiana			OWNER'S PROJECT MANAGER	Bobby Lott
OWNER'S ADDRESS, PHONE, EMAIL	1201 Capitol Access Road, Baton Rouge, LA 70804-9245, (225) 242-4504, robert.lott@la.gov				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	10/11	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)			Unknown
SERVICES COMPLETED BY THIS FIRM (MM/YY)	03/21	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)			226

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

Project Description:

Widening I-10 through Baton Rouge, officially known as the I-10 BR project. The project was a major undertaking designed to alleviate congestion and modernize the interstate corridor, including the reconstruction of several interchanges and the installation of four new noise barriers.

Firm's Role:

Sub-consultant to Providence Engineering to conduct the noise and air quality studies. The noise study was conducted per the FHWA noise regulation and the DOTD's Highway Traffic Noise Policy. The study included the identification of noise study areas: measurement and prediction of existing noise levels, model validation, determination of future noise levels including the effects of structure-borne noise, determination of traffic noise impacts, noise abatement evaluation for 16 areas, discussion of construction noise, information for local officials, and indirect and cumulative effects. B&A also participated in the public meeting.

The Air Quality Impact Assessment (AQIA) was conducted to assess the potential air quality effects of the project per current federal regulations, as well as federal and DOTD guidance. The study involved a transportation conformity evaluation, a CO hot-spot analysis, a quantitative Mobile Source Air Toxics (MSATs) evaluation, a climate change evaluation, and preparation of an Air Quality Impact Assessment Technical Report and air quality section of the EA. B&A worked with DOTD to develop the methodology for the quantitative MSATs analysis, which was approved by the Louisiana FHWA Division Office.

Firm Members Involved: Darlene Reiter, Ph.D., P.E.; Rennie Williamson; Geoffrey Pratt, P.E.

FIRM NAME	Bowlby & Associates, Inc.		DISCIPLINE(S)*	Other (Noise & Air Quality)	
PROJECT NAME	Sugar House Road Extension, Rapides Parish, Louisiana			FIRM RESPONSIBILITY (PRIME OR SUB?)	Sub
PROJECT NUMBER	H008271	OWNER'S NAME	City of Alexandria		
PROJECT LOCATION	City of Alexandria, Rapides Parish, Louisiana		OWNER'S PROJECT MANAGER	Unknown	
OWNER'S ADDRESS, PHONE, EMAIL	915 Third Street, Alexandria, LA 71309, email unknown				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	02/24	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)			Unknown
SERVICES COMPLETED BY THIS FIRM (MM/YY)	02/26	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)			26

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

Project Description:

Extension of Sugar House Road between Lincoln Road and LA 1, a length of approximately 1.5 miles. The new road will be two lanes, with a single-lane roundabout at LA 1.

Firm's Role:

Sub-consultant to Providence Engineering to conduct the noise and air quality studies. The noise study was conducted per the FHWA noise regulation and the DOTD's Highway Traffic Noise Policy. The study included the identification of noise study areas: measurement and prediction of existing noise levels, model validation, determination of future noise levels, determination of traffic noise impacts, noise abatement evaluation for two areas, discussion of construction noise, information for local officials, and reasonably foreseeable effects.

The Air Quality Impact Assessment (AQIA) was conducted to assess the potential air quality effects of the project per current federal regulations, as well as federal and DOTD guidance. The study involved a transportation conformity evaluation, a CO hot-spot analysis, a qualitative Mobile Source Air Toxics (MSATs) evaluation, and preparation of an Air Quality Impact Assessment Technical Report and air quality section of the EA.

Firm Members Involved: Darlene Reiter, Ph.D., P.E.; Rennie Williamson; Geoffrey Pratt, P.E.

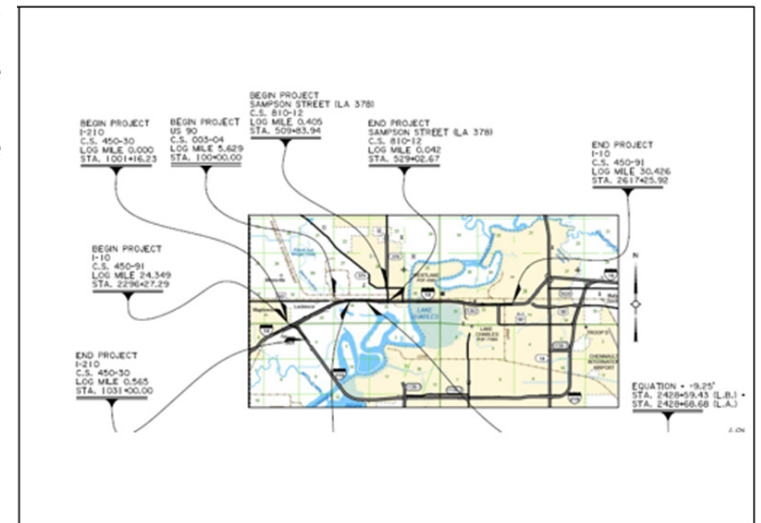
FIRM NAME	The Lakvold Group, LLC		DISCIPLINE(S)*	Other (Conceptual Stage Relocation Plan)	
PROJECT NAME	I-10 Calcasieu River Bridge, Public-Private Partnership			FIRM RESPONSIBILITY (PRIME OR SUB?)	Sub
PROJECT NUMBER	H.003931	OWNER'S NAME	TRC Companies, Inc.		
PROJECT LOCATION	Calcasieu Parish, Louisiana		OWNER'S PROJECT MANAGER	Geoff Wilson, P.E.	
OWNER'S ADDRESS, PHONE, EMAIL	7915 Wrenwood Boulevard, Suite C, Baton Rouge, Louisiana 70809; 225-205-6869; wilson@trccompanies.com				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	01/25	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)			Unknown
SERVICES COMPLETED BY THIS FIRM (MM/YY)	01/26	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)			\$10,000

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

Firm's Role: Completed Conceptual Stage Relocation Plan in 2025 based on various preliminary information. Updated the cost of the real estate impacts in 2026 based on final right-of-way maps. The plan included viewing the projects area, analyzing real estate impacts, determining potential relocations, researching the market area and real estate inventory.

Project Management and Final Transportation Study Deliverables: These tasks included completing the Conceptual Stage Relocation Report for review and inclusion in the Environmental Assessment.

Firm Members Involved: Angela Lemoine-Lakvold



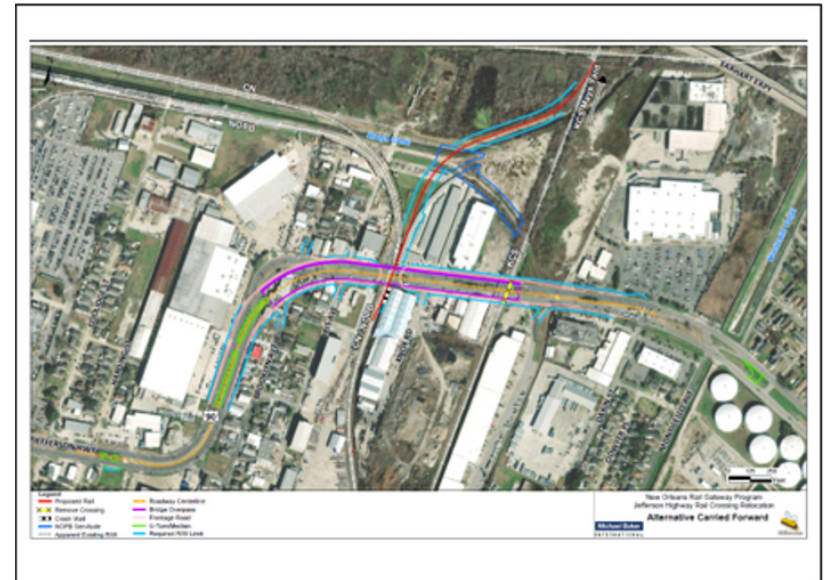
FIRM NAME	The Lakvold Group, LLC		DISCIPLINE(S)*	Other (Conceptual Stage Relocation Plan)	
PROJECT NAME	New Orleans Gateway Program – Jefferson Highway Rail Crossing			FIRM RESPONSIBILITY (PRIME OR SUB?)	Sub
PROJECT NUMBER	H.005168	OWNER’S NAME	Michael Baker International, Inc.		
PROJECT LOCATION	Jefferson Parish, Louisiana		OWNER’S PROJECT MANAGER	Christopher G. Gesing, P.E.	
OWNER’S ADDRESS, PHONE, EMAIL	100 Airside Drive, Moon Township, PA 15108-2783; 412-551-3503; cgesing@mbakerintl.com				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	03/24	TOTAL CONSULTANT CONTRACT COST (\$1,000’S)			Unknown
SERVICES COMPLETED BY THIS FIRM (MM/YY)	01/25	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000’S)			\$10,600

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

Firm's Role: Completed Conceptual Stage Relocation Plan in 2024 based on preliminary information. Updated the plan after consultant with the various government entities with regard to railroad issues. The plan included viewing the projects area, analyzing real estate impacts, determining potential relocations, researching the market area and real estate inventory.

Project Management and Final Transportation Study Deliverables: These tasks included completing the Conceptual Stage Relocation Report for review and inclusion in the Environmental Assessment.

Firm Members Involved: Angela Lemoine-Lakvold



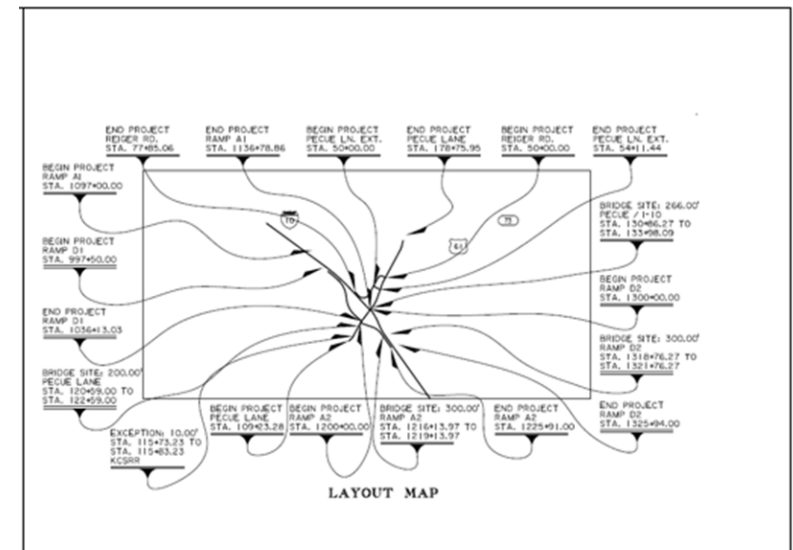
FIRM NAME	The Lakvold Group, LLC		DISCIPLINE(S)*	Other (Conceptual Stage Relocation Plan)	
PROJECT NAME	Pecue Lane/I-10 Interchange			FIRM RESPONSIBILITY (PRIME OR SUB?)	Sub
PROJECT NUMBER	H.003047	OWNER'S NAME	City of Baton Rouge – Parish of East Baton Rouge		
PROJECT LOCATION	East Baton Rouge Parish, Louisiana		OWNER'S PROJECT MANAGER	Fred Raiford.	
OWNER'S ADDRESS, PHONE, EMAIL	222 Saint Louis Street, 8th Floor, Baton Rouge, Louisiana 70821; 225-389-3159; fraiford@brla.gov				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	01/19	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)			Unknown
SERVICES COMPLETED BY THIS FIRM (MM/YY)	01/21	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)			\$72,300

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

Firm's Role: Completed appraisals for the acquisition of the right-of-way for the construction of a new interstate interchange and upgrades and extensions of existing roadways.

Project Management and Final Transportation Study Deliverables: These tasks included meeting with property owners, cost consultants, and project managers. Analysis and research of the real estate market and completion of individual appraisals on the various parcels. Appraisals were revised based on map revisions.

Firm Members Involved: Angela Lemoine-Lakvold



FIRM NAME	Franklin Associates, LLC		DISCIPLINE(S)*	Other (Public Outreach & Relations support)	
PROJECT NAME	I-10 Widening (LA 415 to Essen Lane on I-10 and I-12) Stage 0, 1, and CMAR			FIRM RESPONSIBILITY (PRIME OR SUB?)	Sub
PROJECT NUMBER	H.004100.2		OWNER'S NAME	LA DOTD	
PROJECT LOCATION	East Baton Rouge and West Baton Rouge parishes, Louisiana			OWNER'S PROJECT MANAGER	Nicholas Olivier
OWNER'S ADDRESS, PHONE, EMAIL	1201 Capitol Access Road, Baton Rouge, LA, 70802, 225-379-1133, nicholas.olivier@la.gov				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	10/11	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)			N/A
SERVICES COMPLETED BY THIS FIRM (MM/YY)	ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)			\$624

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

Franklin assists the Louisiana Department of Transportation and Development (LADOTD) on the I-10 CMAR project. In 2011, LADOTD initiated efforts to determine whether widening Interstate 10 in Baton Rouge was a feasible approach to mitigating some of the region's traffic issues. The project passes through a constrained urban area with no alternate interstate bypass route available. As the public engagement lead, Franklin began an outreach campaign targeting area residents and businesses, as well as commuters and out-of-state travelers. Over 12K responses were received through an online survey. Franklin's team continues to spearhead all public and stakeholder engagement planning, delivery, and documentation for the widening of I-10 through Baton Rouge through several phases: Stage 0 Feasibility, Stage 1 Environmental Assessment, and the current design/build stage.

Throughout these planning and implementation efforts, Franklin's team has developed and deployed comprehensive public engagement efforts as the project underwent a feasibility study underwent an environmental assessment study, received a finding of no significant impact from the Federal Highway Administration in February 2021 at the end of the environmental process, and is now in its design/build stages for various segments within the inner Baton Rouge corridor of the interstate. As the engagement lead, Franklin assisted in the design and deployment of public input surveys including map-based polling; developed and implemented use of in-person and digital input mechanisms; and coordinated data trending and logistics for all engagement activities during the planning, environmental, and design phases. Franklin has deployed multiple and diverse surveys, dozens of stakeholder briefings, focus group meetings, public meetings, and public hearings that complied with state and federal requirements.

*the cost of consultant services are provided from the most recent stage (CMAR)

Firm Members Involved: James Taylor

FIRM NAME	Franklin Associates, LLC			DISCIPLINE(S)*	Other (Public Outreach & Relations support)	
PROJECT NAME	I-49 Inner City Connector				FIRM RESPONSIBILITY (PRIME OR SUB?)	Sub
PROJECT NUMBER	H.003915		OWNER'S NAME	Northwest Louisiana Council of Governments (NLCOG)		
PROJECT LOCATION	Shreveport, Louisiana			OWNER'S PROJECT MANAGER	Kent Rogers	
OWNER'S ADDRESS, PHONE, EMAIL		625 Texas Street, Suite 200 Shreveport, LA, 318-841-5950, kent.rogers@nlcog.org				
SERVICES COMMENCED BY THIS FIRM (MM/YY)		07/09	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)			N/A
SERVICES COMPLETED BY THIS FIRM (MM/YY)		ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)			\$230

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

Between July 2009 and January 2016, Franklin facilitated 33 stakeholder and public meetings with more than 1,200 attendees and published seven newsletters for the NLCOG I-49 Public Engagement project. Our staff assisted with branding strategies like designing a logo and tagline, building a website to provide project updates, and managing several social media accounts to increase public engagement. The project ramped back up in 2023, with movement toward choosing a preferred route.

Franklin maintains a robust stakeholder database dating back to the project's inception. The team facilitated four small-group stakeholder meetings in early October of 2023 with elected officials, community leaders, and pastors prior to a public open house on October 17. The public meeting was promoted through multiple channels including advertising, email campaigns, website updates, and flyers disseminated through canvassing and stakeholder support. The public meeting provided a history of the project and introduced a new build alternative for public consideration. More than 250 people attended, with 245 signing in and providing their contact information. There were 269 comments submitted during the comment period. These were submitted via online comment form, verbally at the meeting, written at the meeting, or via email and mail, and they were analyzed to determine build alternative preference. The project is currently undergoing environmental assessment.

Firm Members Involved: James Taylor, Angela Noote

FIRM NAME	Franklin Associates, LLC			DISCIPLINE(S)*	Other (Public Outreach & Relations support)	
PROJECT NAME	I-10 Washington St. EB Exit Ramp Closure				FIRM RESPONSIBILITY (PRIME OR SUB?)	Sub
PROJECT NUMBER	H.016075.2		OWNER'S NAME	LA DOTD		
PROJECT LOCATION	East Baton Rouge parish, Louisiana			OWNER'S PROJECT MANAGER	Ryan Morvant	
OWNER'S ADDRESS, PHONE, EMAIL		1201 Capitol Access Road, Baton Rouge, LA, 70802, 225-379-1067, ryan.morvant@la.gov				
SERVICES COMMENCED BY THIS FIRM (MM/YY)		01/25	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)			\$54.6
SERVICES COMPLETED BY THIS FIRM (MM/YY)		04/25	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)			\$30.9

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

In response to a letter from a State elected official, the Louisiana Department of Transportation and Development (LADOTD) was charged with expediting the permanent closure of the I-10 eastbound exit to Washington Street (since renamed Lorri Burgess Avenue.) The task required notification of the adjacent community served by this exit, and public outreach was awarded to Franklin through an IDIQ contract held by Stantec. Following identification of an environmental justice stakeholder list and affected residential area, the initial scope to produce community meetings was revised by the client to instead conduct outreach via mailed notices and community canvassing referencing an online opinion and comment survey.

Franklin defined an EJ community area based on demographic characteristics and proximity to the exit ramp. A mailing list was generated from Property Assessor's parcel data, and a postcard flyer was mailed to all addresses. As a follow-up, teams conducted door-to-door canvassing throughout the defined area, hand delivering flyers and offering project information to building occupants. In addition to the flyers, staff teams carried an exhibit board explaining the ramp closure project and offering QR code links to participate in the online opinion poll. Hardcopy survey instruments were also available when requested. The short poll inquired whether the public was in favor of or opposed to the ramp closure, and how frequently they used the exit.

In addition to the community canvassing, informational kiosks were set up in the local branch library and community center where residents could visit and learn more information about the project. A total of 106 total responses were received. A majority of community residents who frequently used the exit indicated opposition to closure while those who less frequently used the ramp and/or lived outside of the EJ area favored closure.

In conclusion, LADOTD determined that the traffic congestion on eastbound I-10 due to the presence of the exit at the juncture with southbound I-110 warranted the permanent closure of this exit. Further, plans for the in-progress replacement of this segment of interstate highway through Baton Rouge fully eliminated this exit to Lorri Burgess Ave., instead offering the I-110 exit to Terrace Ave. and an exit to Dalrymple Dr., each road at opposite sides of the EJ area.

Firm Members Involved: James Taylor

FIRM NAME	Gresham Smith		DISCIPLINE(S)*	Road
PROJECT NAME	LADOTD, LA 3089 @ LA 70 Stage 0 Study			FIRM RESPONSIBILITY (PRIME OR SUB?) Prime
PROJECT NUMBER	H.010074.1	OWNER'S NAME	Louisiana Department of Transportation and Development	
PROJECT LOCATION	Donaldsonville, Louisiana		OWNER'S PROJECT MANAGER	Hong Zhang, P.E.
OWNER'S ADDRESS, PHONE, EMAIL	1201 Capitol Access Road, Baton Rouge, LA 70802 / 225.379.1205 / hong.zhang@la.gov			
SERVICES COMMENCED BY THIS FIRM (MM/YY)	07/23	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)		\$201
SERVICES COMPLETED BY THIS FIRM (MM/YY)	05/24	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)		\$194

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

Gresham Smith was selected for LADOTD's Stage 0 Studies IDIQ in 2021. In July 2023, Gresham Smith was issued a task order to conduct a Stage 0 Study to identify and evaluate preliminary alternatives at the intersection of LA 70 and LA 3089 in Donaldsonville, LA. The goal of the improvements was to improve operations and safety for vehicular, rail, and other modes of traffic.

LA 70 at LA 3089 currently operates as an all-way stop controlled intersection with a railroad crossing LA 70 approximately 140' south of the intersection. The eastbound vehicles on LA 3089 and the northbound vehicles on LA 70 must stop two times to travel through this intersection. The proximity of the railroad crossing to the all-way stop intersection causes concern due to the vehicles stopped on the railroad tracks and the high number of trains that pass this crossing.

This project began with a project kick off meeting to discuss scope and schedule. The Gresham Smith team immediately began work on project research and data, which included a site visit. Our sub-consultant, ELOS Environmental, completed the environmental checklist for this project. Our team developed several conceptual designs before narrowing them down to three alternatives to move forward with. These alternatives included a signalized T-Intersection, a Roundabout, and roadway reconfiguration which reduced conflict points by providing indirect left turns. Each of the alternatives included descriptions, typical sections, plan view geometry, and traffic analysis which were all documented in the Feasibility Report.

This project had a 12-month schedule with deliverables that included the Draft Report, Final Draft Report, and the Final Report. Project Manager Richard Savoie managed the schedule with Microsoft Project. Each of our deliverable milestones were submitted ahead of schedule and the Final Report was submitted two months early in May 2024. Additionally, this was a billable rates contract with the total compensation not to exceed \$201,606. Our team completed this project with an invoice total of under \$123k, saving DOTD nearly \$80,000.

Firm Members Involved: Bert Moore, Rebecca Murray



FIRM NAME	Gresham Smith		DISCIPLINE(S)*	Traffic
PROJECT NAME	LA 3127 Extension Environmental Assessment			FIRM RESPONSIBILITY (PRIME OR SUB?) Sub
PROJECT NUMBER	N/A	OWNER'S NAME	Ascension Parish Government	
PROJECT LOCATION	Donaldsonville, Louisiana		OWNER'S PROJECT MANAGER	Cy Touns
OWNER'S ADDRESS, PHONE, EMAIL	PO Box 1659, Gonzales, LA 70737 / 985.223.9256 / cy.touns@tbsmith.com			
SERVICES COMMENCED BY THIS FIRM (MM/YY)	10/23	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)		Unknown
SERVICES COMPLETED BY THIS FIRM (MM/YY)	03/25	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)		\$68

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

Gresham Smith is a sub to performing the Traffic Study portion of the Environmental Assessment for the LA 3127 Extension from LA 70 to LA 1 in Donaldsonville LA. This study includes existing traffic and safety analysis, developing build year and horizon year traffic counts, analysis of no build and conceptual alignments.

Firm Members Involved: Bert Moore, Alben Cooper, Rebecca Murray



FIRM NAME	Providence Engineering and Environmental Group LLC	DISCIPLINE(S)*	Environmental
PROJECT NAME	I-49 Inner City Connector Stage 1 Environmental Impact Statement		FIRM RESPONSIBILITY (PRIME OR SUB?) Prime
PROJECT NUMBER	SPN No. H.003915	OWNER'S NAME	Northwest Louisiana Council of Governments (NLCOG)
PROJECT LOCATION	Shreveport, Caddo Parish, LA	OWNER'S PROJECT MANAGER	Kent Rogers
OWNER'S ADDRESS, PHONE, EMAIL	401 Market Street, Shreveport, LA 71101; (318) 841-5950; kent.rogers@nlcog.org		
SERVICES COMMENCED BY THIS FIRM (MM/YY)	09/11	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)	\$4,840
SERVICES COMPLETED BY THIS FIRM (MM/YY)	Ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)	\$1,921

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

Work consisted of preparation of a NEPA Environmental Impact Statement with Interchange Reports. Project entails conducting all necessary engineering and environmental investigations necessary to obtain environmental clearance on construction of an approximately 3.5-mile connector to link the existing I-49 to a future I-49 North. Additional study area resulting from the addition of a 13-mile alternative extended the work and contract time. Line and grade studies performed to evaluate impacts and continuity of the existing surface street network after construction of the I-49 Connector. These line and grade studies have involved five alternatives and have included both an at-grade location and elevated (by fill or structure) location. The developed alignments and profiles were used to determine construction costs, relocations, and other impacts and costs associated with the various alternatives. Other tasks include managing subconsultants for traffic, outreach, and cultural resources and also include preparation of interchange modification and justification reports for existing and proposed interchanges.

Firm Members Involved: Kerry Oriol, Chad Turner, Rebecca Millano, PWS

Scope of Work Relevant to the Contract

- Project Management
- Public Outreach
- Agency Coordination
- Website Development and Maintenance
- Environmental Data Collection
- Mitigation Planning
- Technical Document Preparation
- Environmental Impact Statement



FIRM NAME	Providence Engineering and Environmental Group LLC		DISCIPLINE(S)*	Environmental, Road	
PROJECT NAME	Sugar House Road Extension			FIRM RESPONSIBILITY (PRIME OR SUB?)	Sub
PROJECT NUMBER	N/A- City of Alexandria		OWNER'S NAME	Meyer Meyer, LaCroix & Hixson, Inc.	
PROJECT LOCATION	Rapides Parish, Louisiana			OWNER'S PROJECT MANAGER	Robert C. Hughes
OWNER'S ADDRESS, PHONE, EMAIL	PO Drawer 5444, Alexandria, LA 71307; (318) 448-0888; Robert.hughes@mmlh.com				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	10/09	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)			\$75
SERVICES COMPLETED BY THIS FIRM (MM/YY)	03/26	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)			\$75

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

The Sugar House Road Extension project was developed to provide an alternative route for heavy commercial and industrial truck traffic, reducing congestion within residential areas of the City of Alexandria. The project extends the existing Sugar House Road corridor from I-49 to LA Highway 1 and includes construction of a new two-lane roadway and a single-lane roundabout at LA Highway 1, improving access to major regional highways.

Providence provided environmental and cultural resource services to support project planning and federal compliance. Providence prepared an Environmental Assessment (EA), Wetlands Findings Report, and other technical documents in accordance with the National Environmental Policy Act (NEPA), including development of the project purpose and need, evaluation of design alternatives, environmental impact analysis, and wetlands delineation.

In addition, Providence conducted a Phase I Cultural Resource Survey in compliance with Section 106 of the National Historic Preservation Act (NHPA). The survey included a 26.30-acre direct Area of Potential Effect (APE) and a 300-foot indirect APE buffer. Previously surveyed areas were reviewed, and remaining acreage was investigated to identify potential cultural resources. Based on the survey, no new cultural material or archaeological sites were encountered. Fifteen aboveground resources (40-05759, 40-05760, 40-05761, 40-05762, 40-05763, 40-05764, 40-05765, 40-05766, 40-05767, 40-05768, 40-05769, 40-05770, 40-05771, 40-05772, and 40-05773) 50 years or older were identified using the Louisiana Division of Archaeology (LA DOA) Cultural Resources online database, historic aerials, topographic maps, and verified during fieldwork. All above ground resources are recommended not eligible for listing in the National Register of Historic Places (NRHP). Therefore, the proposed undertaking will result in a determination of "no historic properties affected," and no further archaeological or aboveground investigations are recommended within the APE.

These efforts supported the Federal Highway Administration's (FHWA) environmental review and provided the City of Alexandria with the documentation necessary to advance the project.

Firm Members Involved: Elizabeth Hunt, RPA, Christine Halling, RPA, Morgan Granger, Kerry Oriol

Scope of Work Relevant to the Contract

- NEPA Environmental Assessment Prepared
- Cultural Resource Survey
- Section 106 Compliance Support
- Wetland Delineation & Findings Report
- Alternatives Analysis & Impact Evaluation



FIRM NAME	Providence Engineering and Environmental Group LLC		DISCIPLINE(S)*	Environmental	
PROJECT NAME	Mississippi River Bridge South GBR: LA 1 to LA 30 Connector Route: New Route			FIRM RESPONSIBILITY (PRIME OR SUB?)	Sub
PROJECT NUMBER	Supplemental Agreement No. 6, SPN H.013284, F.A.P. No. H013284	OWNER'S NAME	Louisiana Department of Transportation and Development		
PROJECT LOCATION	Iberville Parish, Louisiana		OWNER'S PROJECT MANAGER	Atlas Technical Consultants, LLC (Prime): Adam Davis, PE	
OWNER'S ADDRESS, PHONE, EMAIL		8440 Jefferson Highway, Suite 400, Baton Rouge, LA 70809, (225) 369-6587, adam.davis@oneatlas.com			
SERVICES COMMENCED BY THIS FIRM (MM/YY)		01/23	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)		N/A
SERVICES COMPLETED BY THIS FIRM (MM/YY)		Ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)		\$25

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

A supplemental agreement was issued by DOTD to Atlas to obtain environmental approvals based on the findings of the complete Enhanced Planning investigation for the proposed new Mississippi River bridge construction. Atlas contracted Providence to assist with this overall project management, environmental documentation support, and related environmental services. Providence's specific scope of work includes ensuring overall NEPA compliance, conducting wetland delineations, and conducting a Phase I Environmental Site Assessment. Providence will also continue to provide agency, stakeholder, and public outreach support during all pre-NEPA phases of the project. Providence anticipates providing more environmental services as the project progresses and potentially during construction.

The wetland delineation encompassed approximately 1,716 acres of forests, agricultural fields/pastures, residential properties, pipeline/utility rights-of-way, highway/railroad rights-of-way, industrial facilities, and Mississippi River levee and batture. Multiple teams of Providence biologists conducted surveys from July to August 2024, collecting field data, habitat descriptions, and other pertinent information in accordance with the 1987 Corps of Engineers Wetland Manual and guidance from the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region (USACE, Wetland Regulatory Assistance Program 2010). The resulting Wetland Findings Report documented 364 acres of Section 404 wetlands and 26.78 acres of Section 10/404 wetlands, including bottomland hardwoods, baldcypress/water tupelo swamps, and baldcypress swamps. Additionally, Providence conducted habitat evaluations according to the USACE Louisiana Rapid Assessment Method (LRAM) Habitat Condition factor. Each wetland was classified on the three condition levels by habitat (low, medium, and high) and documented in the Wetland Findings Report.

Scope of Work Relevant to the Contract

- NEPA Compliance & Environmental Review
- Phase I Environmental Site Assessment
- Wetland Findings Report
- LRAM Habitat Assessment
- USACE Regulatory Compliance
- Public Outreach
- Environmental Permitting Support

Firm Members Involved: Kerry Oriol, Chad Turner, Chris Coyne



IDIQ Contracts for Environmental Services, Statewide

Approach & Methodology

UNDERSTANDING LADOTD'S PROJECT DELIVERY NEEDS

GEC understands this contract is intended to provide LADOTD with responsive, on-demand environmental, planning, and project development support for transportation projects across Louisiana. Assignments may range from Categorical Exclusions to complex Environmental Impact Statements requiring extensive technical analyses, permitting, agency coordination, alternatives development, and public involvement. The GEC Team is specifically structured to provide LADOTD with these capabilities. Our team will utilize an integrated project delivery approach that combines environmental compliance, planning, engineering, traffic, stakeholder engagement, and project management from project initiation through environmental clearance. By advancing these activities concurrently, GEC will help LADOTD identify constraints earlier, reduce project risk, accelerate decision-making, and efficiently advance projects toward implementation. The GEC Team has successfully applied this approach throughout Louisiana on planning and feasibility studies, Categorical Exclusions (CE), Environmental Assessments (EA), Environmental Impact Statements (EIS), alternative delivery projects (CMAR, Design-Build), and other major transportation initiatives. Our experience allows us to quickly assess project needs, identify potential challenges, and tailor our level of effort to efficiently support LADOTD's objectives.

GEC will serve as the prime consultant and lead overall program management, environmental compliance, and project development services, supported by the following sub-consultants:

- **Bowlby & Associates, Inc.** (air quality and noise analyses)
- **The Lakvold Group, LLC** (conceptual stage relocation and real estate services)
- **Franklin Associates, LLC** (public involvement and stakeholder engagement)
- **Gresham Smith** (traffic and conceptual engineering)
- **Providence Engineering and Environmental Group LLC** (cultural resources, biological services, wetlands permitting, and environmental field investigations)

The GEC Team will implement a scalable task-order delivery approach consistent with LADOTD's Stage 1 Planning/Environmental Manual of Standard Practice and FHWA requirements. Staffing and level of effort will be tailored to each assignment while maintaining consistent project management, quality control, and coordination procedures.

TASK ORDER INITIATION & PROJECT CONTROLS

Upon receipt of a task order, GEC will initiate a structured project startup process,

Proven NEPA Delivery Across All Levels

GEC has successfully prepared and managed the full range of NEPA documentation, from programmatic and project-specific Categorical Exclusions to Environmental Assessments with FONSI, NEPA Re-evaluations, and major Environmental Impact Statements with RODs. Recently examples include:

CATEGORICAL EXCLUSIONS (CE)

13 Concurrent Bridge CEs under LADOTD's IJA Off-System Bridge Program

ENVIRONMENTAL ASSESSMENTS (EA)

US 190 EA/FONSI including **alternatives analysis, traffic studies, and public involvement**

Louisiana International Terminal EA supporting a **\$1.8B port project**

ENVIRONMENTAL IMPACT STATEMENTS (EIS)

Mid-Barataria Sediment Diversion EIS, **one of Louisiana's most complex environmental review efforts**

NEPA RE-EVALUATIONS

I-10 Widening Baton Rouge CMAR **including NEPA re-evaluation and public involvement**

including scheduling a kick-off meeting and developing a Project Execution Plan focused on establishing a clear understanding of project purpose, scope, schedule, budget, environmental requirements, anticipated class of action, and critical decision milestones. Based on this assessment, GEC will assemble a tailored project team and develop a project-specific work plan that identifies responsibilities, critical path activities, and opportunities for concurrent task execution.

The Project Manager, Deputy Project Manager, and Project Controls Manager will actively monitor scope, schedule, budget, deliverables, and resource utilization throughout the assignment and communicate with LADOTD staff regularly. Frequent communication with LADOTD will ensure issues are identified early, risks are managed proactively, and project objectives remain aligned with LADOTD expectations.

GEC will implement QA/QC procedures to establish a structured, consistent framework to ensure that all technical services, deliverables, and project activities meet contractual and project requirements; applicable federal, state, and local regulations; industry standards and best practices; and internal quality standards. The QA/QC procedure ensures that all work products will be technically sound, defensible, and align with professional standards. GEC will ensure participation in project reviews during project development to ensure that it is meeting all LADOTD requirements.

Bliss Bernard, PE, CEP has developed and implemented a project controls methodology specifically suited for managing complex LADOTD and FHWA environmental assignments

from project initiation through environmental clearance. Each task authorization begins with a Work Plan integrating scope, schedule, budget, staffing, milestones, agency requirements, technical studies, and deliverables into a single tracking platform. The Work Plan is used to develop detailed manhour estimates and is monitored throughout the life of the project. On a current major LADOTD NEPA assignment, this system is being used to manage **more than 500 individual tasks** and subtasks across multiple disciplines and subconsultants, demonstrating its ability to organize and track complex project requirements. The number of activities associated with individual task authorizations issued under this contract will vary based on project scope, complexity, and environmental class of action. This scalable approach allows GEC to proactively manage risk, maintain accountability, and provide LADOTD with transparent reporting and efficient delivery of multiple task authorizations simultaneously.

WORK CATEGORIES

A. NEPA Class of Action Development and Documentation

GEC's approach begins with understanding project purpose, transportation need, logical termini, project constraints, anticipated funding sources, and schedule objectives. This information forms the basis for determining the appropriate level of environmental documentation and developing a project-specific strategy for advancing the project efficiently through environmental review. GEC has successfully prepared Categorical Exclusions, Environmental Assessments, Environmental Impact Statements, Supplemental EISs, reevaluations, and reliance documents (work categories A.1-A.6 in the RFQ) for LADOTD, FHWA, and other state and federal agencies. For each project authorization, GEC will tailor the level of environmental effort to project complexity while maintaining consistency with LADOTD, FHWA, and applicable state and federal requirements.

B. Resource-Specific Technical Analyses

The GEC Team provides the full range of environmental technical services identified under Work Categories B.1 through B.14 necessary to support project development, environmental clearance, permitting, and regulatory compliance. Our multidisciplinary team provides expertise in waters and wetlands, water quality, floodplains, coastal resources, threatened and endangered species, cultural resources, Section 4(f) and 6(f) evaluations, noise, air quality, hazardous materials, community impact assessments, conceptual stage relocations plans, farmland evaluations, visual and aesthetic assessments, and navigation and USCG bridge permitting. **Our team is experienced in delivering the technical services and work products that are required for transportation projects.**

Our team also understands that transportation projects rarely fit neatly within a single environmental discipline. Wetland impacts influence alternatives development. Traffic operations affect noise and air quality analyses. Cultural resources can influence project design and right-of-way requirements. Hazardous materials investigations may affect cost and constructability. GEC's integrated approach ensures that findings from each

technical study are continuously shared among project team members, providing LADOTD with a comprehensive understanding of project opportunities and constraints throughout the environmental process

GEC has a long history of successfully delivering complex environmental programs involving numerous resource studies simultaneously. As environmental program manager for LADOTD's TIMED Program, GEC completed environmental documentation, permitting, agency coordination, and supporting technical studies for more than 260 miles of highway improvements and 74 bridges statewide. The program required coordination with multiple state and federal agencies, floodplain administrators, resource agencies, and local stakeholders. Through proactive coordination and a standardized environmental review process developed by GEC, all environmental documentation and permitting activities were completed ahead of schedule, contributing to project lettings occurring two years earlier than originally programmed.

C. Public Involvement and Agency Coordination

Franklin Associates will serve as the lead for Public Involvement and Agency Coordination services, supported by GEC. Our firms have partnered on numerous LADOTD projects including the ongoing I-10 Widening CMAR Program, where Franklin Associates is supporting extensive stakeholder outreach, public engagement, community coordination, and communication efforts for one of Louisiana's most visible and complex transportation projects.

For assignments under this contract, Franklin Associates and GEC will develop project-specific outreach strategies tailored to project complexity, stakeholder interests, regulatory requirements, and community needs. Services may include Public Involvement Plans, stakeholder and agency coordination, Solicitation of Views, workshops, public meetings, public hearings, elected official briefings, virtual and digital engagement, public comment management, and Section 139 coordination support when applicable.

On CPRA's Mid-Barataria Sediment Diversion EIS, GEC coordinated extensive environmental review activities involving seven cooperating agencies, 10 commenting agencies, and 11 consulting tribes. Because many federal and state agencies were involved in the project, GEC facilitated monthly agency meetings during project development to ensure all parties were kept informed of the project's progress and decision-making processes were allowed to play out in real time. Additionally public and stakeholder feedback was deemed valuable to the project, therefore, scoping and public meetings were held both virtually and in-person at several locations within the communities in project area to ensure adequate public and community participation. Because of the diverse nature of the local communities, interpreters were on-hand and translation services were made available in verbal and written formats to ensure adequate participation from community members.

D. NEPA Process Management and Specialty Services

The GEC Team provides comprehensive support for Work Categories D.1 through D.4,



tracking on numerous LADOTD assignments, ensuring projects remain organized, defensible, and audit-ready throughout development and implementation.

E. Alternatives Development and Engineering-to-Environmental Integration

GEC will use a PEL and PDN-style approach that integrates planning, engineering, traffic, public involvement, and environmental considerations from project initiation through environmental clearance. Alternatives development and NEPA activities progress concurrently, allowing the project team to continuously refine alternatives as environmental constraints, engineering requirements, agency input, traffic analyses, and stakeholder feedback are identified. This approach supports development of a defensible Purpose and Need, early identification of project risks, and informed decision-making throughout the environmental process.

Our team provides Purpose and Need support, alternatives identification and screening, conceptual engineering, environmental constraint mapping, alternatives comparison, feasibility and cost evaluations, and decision-support documentation. GIS-based environmental screening and constraint mapping will be used to support alternatives development and decision-making.

As demonstrated on the I-10/I-12 College Drive Flyover CMAR Project, the GEC Team is known for developing innovative solutions that improve project delivery while minimizing impacts. During alternatives development, GEC introduced a previously unidentified design concept that simplified traffic movements and significantly reduced the project footprint compared to prior alternatives. **The refined concept improved constructability, reduced environmental and right-of-way impacts, accelerated project delivery, and generated approximately \$20 million in project savings.**

F. Traffic Analyses

Gresham Smith, one of Louisiana's most respected traffic engineering firms, will provide the full range of traffic and transportation services identified in Work Categories F.1 through F.7. Traffic analyses will be integrated with alternatives development, conceptual engineering, and environmental evaluations to ensure transportation needs and environmental considerations are advanced concurrently throughout project development. Using a data-driven approach that combines traffic forecasting, operational modeling, safety performance analysis, and constructability considerations, the team will develop practical transportation solutions that support Purpose and Need development, alternatives screening, community impact assessments, noise and air quality evaluations, and environmental documentation. Gresham Smith's ability to

drawing on decades of experience managing complex transportation programs, alternative delivery projects, emergency actions, and environmental compliance efforts throughout Louisiana. Beyond project delivery, GEC routinely provides technical assistance and programmatic support to LADOTD. Through our role as the embedded consultant for the Road Transfer Program, we have assisted with procedure development, policy updates, and legislative implementation efforts. Our team can similarly support future updates to LADOTD's Stage 1 Manual, environmental procedures, and implementation protocols associated with evolving FHWA and state environmental requirements. **This capability is strengthened by Sherri LeBas, PE, former LADOTD Secretary, and Dr. Chuck Carr Brown, former LDEQ Secretary, whose experience in transportation policy, environmental regulation, program administration, and legislative coordination provides LADOTD with direct access to executive-level expertise for process improvements, policy development, and program management initiatives.**

On the I-10 Widening CMAR Project, a unique alternative delivery project, GEC leads NEPA reevaluations, environmental commitments tracking, agency coordination, and environmental support, while also supporting development of the Design Quality Manual, Project Management Plan, and Financial Plan, for multiple phased design packages under accelerated delivery schedules.

Our team also has experience supporting emergency and expedited project delivery efforts, including federally funded bridge replacement and recovery projects requiring rapid environmental review and coordination. In addition, Chelsea Crawford has provided administrative record support, document management, project controls, and deliverable

efficiently identify transportation solutions and integrate them with environmental decision-making helps LADOTD reduce project risk, streamline environmental reviews, and advance projects more effectively toward implementation.

G. Pre-NEPA, Feasibility, and General Environmental Services

GEC routinely supports LADOTD with Stage 0 studies, feasibility studies, corridor studies, planning studies, environmental inventories, fatal flaw assessments, and project development support. These services help LADOTD identify project needs, evaluate constraints, establish realistic budgets and schedules, and efficiently position projects for future environmental review and implementation.

H. Non-Federal Aid Project Delivery

The GEC Team recognizes that non-federal aid projects may require different environmental processes, levels of documentation, and coordination requirements than federally funded projects. For these assignments, GEC will tailor the level of environmental effort to project-specific requirements while maintaining consistency with applicable LADOTD policies, state regulations, and accepted industry practices. Because GEC routinely performs environmental services for local governments, port authorities, parishes, and non-federal agencies, our team understands how to tailor environmental documentation and coordination requirements to match project-specific funding and regulatory needs.

EXPERIENCE-DRIVEN. COMMUNICATION-FOCUSED. RESULTS-ORIENTED.

Whether supporting a Categorical Exclusion, Environmental Assessment, Environmental Impact Statement, planning study, environmental inventory, permitting effort, or multidisciplinary project, the GEC Team is committed to providing responsive, technically sound, and efficiently managed services that advance projects from planning through implementation. We understand the process and bring a disciplined management approach that keeps stakeholders informed, schedules on track, and deliverables moving efficiently toward completion. **We offer the experience, technical expertise, and strategic insight necessary to fulfill LADOTD's requirements. Through a proactive approach informed by lessons learned on similar assignments, we will efficiently navigate project challenges and deliver high-quality results.**

Firm Experience

- The GEC Team firms have combined 240+ years of experience
- The GEC Team firms, as demonstrated by the enclosed project sheets, have relevant experience for their assigned scope
- The GEC Team has provided engineering and environmental services for numerous transportation related environmental studies in accordance with NEPA and LADOTD standards
- The GEC Team has worked together in the past on similar projects to conduct line and grade studies, environmental documents, technical studies, public outreach, purpose and need, and alternatives analysis

Staff Experience

- GEC Team members, as demonstrated by enclosed resumes, have relevant experience for their proposed project role
- The GEC Team is structured to provide adequate capability and capacity to perform volume and quality of required scope of work

within the project schedule

- The Project Management Team is staffed with qualified personnel having appropriate experience in similar projects, with dedicated time appropriately allocated to this project
- Project management team and key personnel have successfully led LADOTD projects in their respective scope fields
- Individual proposed personnel experience includes members who have spent the last 30+ years engaged in NEPA and transportation projects
- The GEC Team consists of 3 DBE firms; the GEC Team recognizes the importance of inclusive participation and exceeds the requirements of this evaluation criteria

Team Size to Project Magnitude

- The GEC Team has a large physical presence in Louisiana & robust in-house transportation & environmental engineering capabilities
- The GEC Team has 50 dedicated personnel committed to this contract over 40 additional personnel available as support

- GEC is a Baton Rouge, LA headquartered firm, staffed by over 100 Louisiana residents with a personal interest that goes far beyond fulfillment of contractual obligations to LADOTD
- All firms on the GEC Team are situated within the geographic proximity to the project area and have the capability to perform these services within these offices with limited support from other offices
- The GEC Team has successfully completed projects of similar size and complexity for LADOTD

Past Performance

- The GEC Team has a proven track record at successfully providing environmental and engineering services for LADOTD through our past performance, local knowledge, coordination/cooperation with LADOTD, adherence to schedules and budgets, and producing a superior work product
- The GEC Team has consistently high consultant ratings in the relevant project evaluation disciplines

- Narratives from previous LADOTD Environmental Project Managers are a testament to The GEC Team's past performance

Current Workload

- Most of the work currently being performed by the GEC Team are in other evaluation disciplines, leaving the core group proposed for this project available to start work immediately
- Regarding Section 19: Work categorized as "other" is mostly electrical; the Road Transfer Program involves only 1 GEC employee housed full-time at LADOTD HQ for the management of this program. It is unlikely the entire contract amount will be spent; the I-49 project design phase has been put on hold pending SEIS.
- The staff identified in this submittal will be immediately available upon receipt of NTP from LADOTD. GEC has sufficient staff and resources regardless of ongoing contracts listed in Section 19 of our response.

SF 24-102 SECTIONS

19-23

TIMED PROGRAM – JOHN JAMES AUDUBON BRIDGE (ST. FRANCISVILLE, LA)

Client: LADOTD

From January 2003 to July 2007, the GEC's Environmental Sciences and Engineering Department provided environmental planning, surveying, design, permitting and compliance services pursuant to the construction of 84.2 miles and 3,400 acres of new highway construction comprising 13 projects.



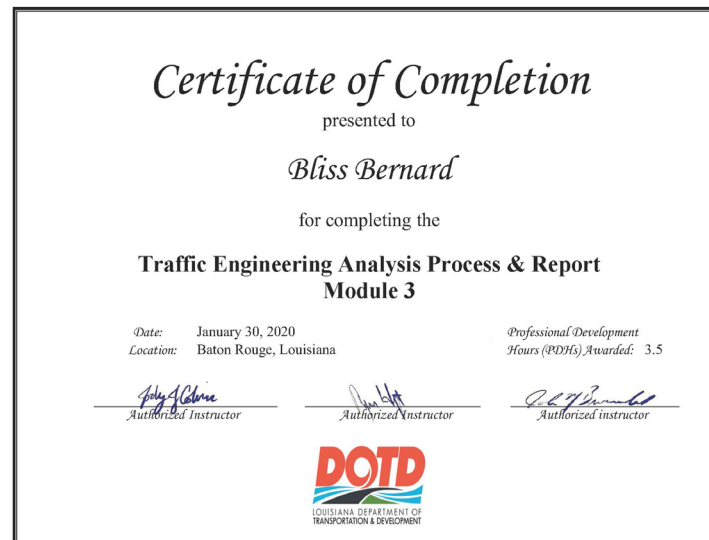
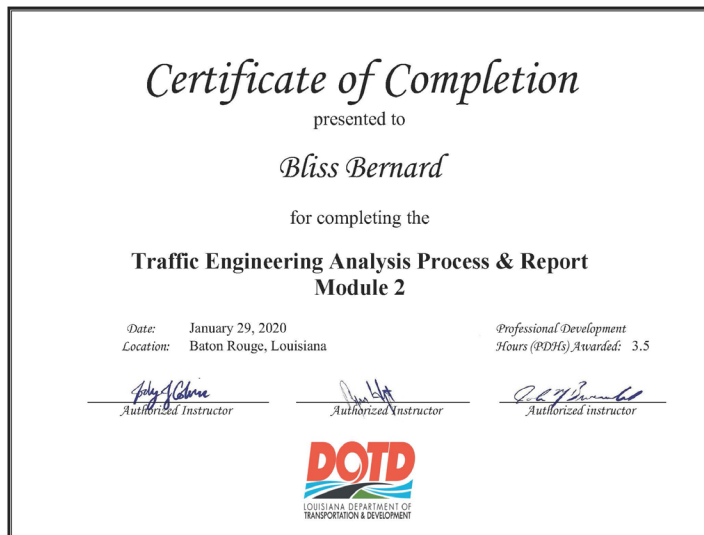
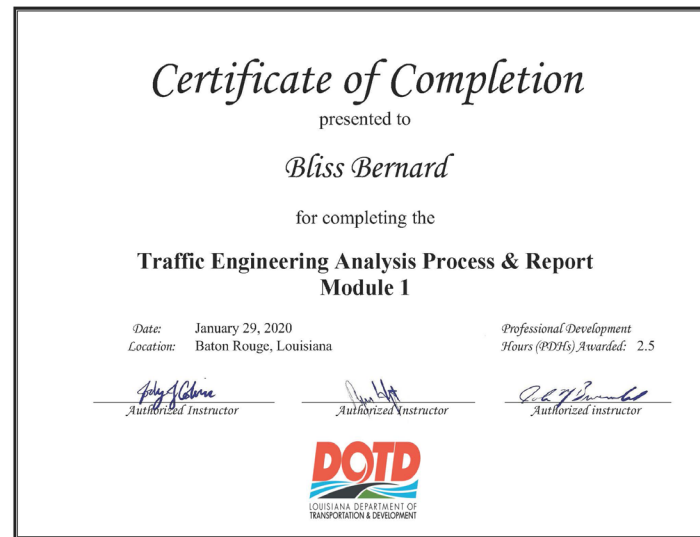
Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State project number	Project name	Remaining unpaid balance**
G.E.C., Inc.	Road	44-04128, H.004273.5	I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange) (Sub to Stantec) <i>(on hold, pending Supplemental Environmental Impact Statement (SEIS))</i>	378,352
		44-29193, H.004100.5 & H.004100.6	CMAR - I-10: LA 415 to Essen on I-10 and I-12 (Sub to Huval), East and West Baton Rouge Parishes	327,040
		44-29196, H.016255	IDIQ Contract for Engineering & Technical Support, TO#2 – LA 1: WGS Riverplex Railroad Overpass (Sub to Stantec)	260,462
		44-29196, H.016421.2	IDIQ Contract for Engineering & Technical Support, TO#5 – I-20 Interchange at Rough Edge Road (Sub to Stantec)	213,143
		44-31331, H.016830	IDIQ Contract for Design Services Statewide with Majority of Work in District 04, TO#1 – LA 3094: US 80 to US 71 (Sub to Halff Associates, Inc.)	77,734
		44-26027, H.003771.2	I-10 at LA 74, Ascension Parish	465,215
		44-25047, H.011358.2	US 190 (Vine Street Reconstruction), St. Landry Parish	137,090
		44-25040, H.015342	IIJA, Off-System Bridge Program, District 61 Less EBR, S.A.#1	18,400
	Bridge	44-04128, H.004273.5	I-49 Connector (Lafayette Reg. Airport to I-10/I-49/US 167 Interch.) (Sub to Stantec) <i>(on hold, pending SEIS)</i>	201,433
		44-29193, H.004100.5 & H.004100.6	CMAR - I-10: LA 415 to Essen on I-10 and I-12 (Sub to Huval), East and West Baton Rouge Parishes	1,820,353
		44-04900, H.004540.5	Leeville to Golden Meadow, Route LA 1 Relocated, Const. Engineering Services (Sub to HNTB) <i>(This is for Shop Drawing Review only. Design is complete.)</i>	164,857
		44-26027, H.003771.2	I-10 at LA 74, Ascension Parish	188,000
		44-25040, H.015342	IIJA, Off-System Bridge Program, District 61 Less EBR, S.A.#1	143,436
		44-23434, H.000445	US 190: UPRR Overpass Near Opelousas, St. Landry Parish (Sub to AECOM)	304,364
		44-05267, H.003074.5	Williams Blvd-Veterans Blvd. (SA#5 & EWL#6), Route I-10, Jefferson Parish, LA <i>(Plans on hold at 98% Complete)</i>	148,795
		44-26027, H.003771.2	I-10 at LA 74, Ascension Parish	95,287
	Environmental	44-04128, H.004273.5	I-49 Connector (Lafayette Reg. Airport to I-10/I-49/US 167 Interch.) (Sub to Stantec) <i>(on hold, pending SEIS)</i>	28,600
		44-25040, H.015342	IIJA, Off-System Bridge Program, District 61 Less EBR, S.A.#1	505
		44-29193, H.004100.5 & H.004100.6	CMAR - I-10: LA 415 to Essen on I-10 and I-12 (Sub to Huval), East and West Baton Rouge Parishes	65,977
		44-26027, H.003771.2	I-10 at LA 74, Ascension Parish	583,614
		44-25047, H.011358.2	US 190 (Vine Street Reconstruction), St. Landry Parish	446,117
	Other (Electrical)	44-04128, H.004273.5	I-49 Connector (Lafayette Reg. Airport to I-10/I-49/US 167 Interch.) (Sub to Stantec) <i>(on hold, pending SEIS)</i>	303,449
		44-29193, H.004100.5 & H.004100.6	CMAR - I-10: LA 415 to Essen on I-10 and I-12 (Sub to Huval), East and West Baton Rouge Parishes	623,040
		44-05267, H.003074.5	Williams Blvd – Veterans Blvd. (SA#6), Route I-10, Jefferson Parish, LA <i>(Plans on Hold at 98% Complete)</i>	54,012

G.E.C., Inc.	Other (Electrical)	44-26074, H.013617.6	IDIQ Contract for Electrical Statewide, TO#1 - I-10: I-610E Interchange Lighting (<i>Construction Support</i>)	42,930
		44-26074, H.014552.6	IDIQ Contract for Electrical Statewide, TO#2 - I-49: LA 31 Interchange Lighting (<i>Construction Support</i>)	58,323
		44-26074, H.015598.6	IDIQ Contract for Electrical Statewide, TO#3 - I-210: Hurricane Laura Lighting Repairs (<i>Const. Support</i>)	76,259
		44-26074, H.014556.6	IDIQ Contract for Electrical Statewide, TO#5 - I-49: US 190 Interchange Lighting (<i>Construction Support</i>)	69,467
		44-26074, H.014553.6	IDIQ Contract for Electrical Statewide, TO#8 - I-49: LA 3233 Interchange Lighting (<i>Construction Support</i>)	108,713
	Other (Program Management)	44-33344	Road Transfer Program Management, Statewide (<i>Program Management ONLY – NO Planning, Road or Bridge Design work</i>) (<i>one person augmenting staff at DOTD over 6 years</i>)	436,622
		44-25040, H.015342	IIJA, Off-System Bridge Program, District 61 Less EBR, S.A. #1	37,400
		44-29196, H.01696.6	IDIQ Contract for Engineering & Technical Support, TO#3 – District 02, 03, 61 & 62, Bridge Bundle SFY 25-26 (Sub to Stantec)	330,523
		44-04128, H.004273.5	I-49 Connector (Lafayette Reg. Airport to I-10/I-49/US 167 Interch.) (Sub to Stantec) (<i>on hold, pending SEIS</i>)	32,455
		44-29193, H.004100.5 & H.004100.6	CMAR - I-10: LA 415 to Essen on I-10 and I-12 (Sub to Huval), East and West Baton Rouge Parishes	604,725
	Planning	44-26027, H.003771.2	I-10 at LA 74, Ascension Parish	270,134
	Traffic	44-26027, H.003771.2	I-10 at LA 74, Ascension Parish	26,311
	ITS	44-04128, H.004273.5	I-49 Connector (Lafayette Reg. Airport to I-10/I-49/US 167 Interch.)(Sub to Stantec) (<i>on hold, pending SEIS</i>)	19,447
	CE&I/OV	44-23074, H.012465.6	IDIQ for CE&I Services and Staff Augmentation, District 61 – Flashing Yellow Arrow Part 3	103,252
		44-23074, H.010960.6	IDIQ for CE&I Services and Staff Augmentation, District 61 – LA 30 Roundabouts at Tanger Mall and I-10	397,486
		44-23074, H.015424.6	IDIQ for CE&I Services and Staff Augmentation, District 61 – La 67: Plank Rd @ Airline- Girder Rep	59,454
		44-23074, H.012061.6	IDIQ for CE&I Services and Staff Augmentation, District 61 – LA 1: Bayou Moreau and Lateral W15#7A	11,639
		44-23074, H.014762.6	IDIQ for CE&I Services and Staff Augmentation, District 61 – LA 44: 1-10 – LA 621	337,855
		44-23074, H.15267.6	IDIQ for CE&I Services and Staff Augmentation, District 61 – LA 431: Left Turn Lane at LA 621	57,250
		44-14315, H.010000.6	IDIQ for Painting Inspection & Environmental Monitoring with CE&I, Statewide – US 171: Calcasieu River Bridge Repairs	37,447
		44-27615, H.012083.6	IDIQ for Painting Inspection & Environmental Monitoring with CE&I, Statewide – I-10: Calcasieu River Bridge Repairs	391,136
		44-27615, H.011465.6	IDIQ for Painting Inspection & Environmental Monitoring with CE&I, Statewide – LA 82: Vermilion River (Perry) Moveable Bridge Rehab	310,342
		44-17006, H.011670.6	I-10/Loyola Interchange Improvements, Jefferson Parish	73,085
		44-27349, H.003931.6	Calcasieu River Bridge (HBI) (CE&I), Calcasieu Parish	13,641,422
		44,24438, H.010673.6	US 90: Harvey Canal Tunnel Rehab (CE&I), Jefferson Parish	364,305
		44-27349, H.016466.6	I-10 WB On-Off Sampson St Ramp Mods, Calcasieu Parish	318,920
		44-31514, H.005967.6	IDIQ for Critical Path Method (CPM) Analysis Services, Statewide – Nelson Rd Ext & Bridge	119,266
		44-31514, H.008145.6	IDIQ for Critical Path Method (CPM) Analysis Services, Statewide – LA 1: Leesville to Golden Meadow (Phase 2)	285,194
		44-31514, H.012889.6	IDIQ for Critical Path Method (CPM) Analysis Services, Statewide – I-20 Rehab (Pines Road to I-220)	124,320

Bowlby & Associates, Inc.	Environmental	4400017438, H.013284	MRB South GBR: LA 1 to LA 30 Connector Project	\$90,866
Bowlby & Associates, Inc.	Environmental	4400034603, H.003915	I-49 Inner City Connector (ICC)	\$5,132
The Lakvold Group	Appraiser	SPN H.004100	LA 415 to Essen on I-10 and I-12; Phase I: Washington Street to Essen Lane, East Baton Rouge Parish, LA	\$86,340
The Lakvold Group	Appraiser	SPN H.007811	Comite River Diversion Canal, Amite River and Tributaries, East Baton Rouge Parish, LA	\$20,800
The Lakvold Group	Appraiser	SPN H.003931	Interstate 10 Calcasieu River Bridge, Public – Private Partnership Project, Calcasieu Parish, LA	\$120,000
The Lakvold Group	Appraiser	SPN H.011909	Roundabout: US 71 at Boone Street, Vernon Parish, LA	\$12,000
The Lakvold Group	Appraiser	SPN H.010960	LA 30 Roundabout at Tanger & I-10, Ascension Parish, LA	\$12,000
The Lakvold Group	Appraiser	SPN H.009837	LA 64 Roundabout @LA 1019, Livingston	\$32,000
The Lakvold Group	Appraiser	SPN H.002868	I-49 S. Amb Caffery/US 90, Lafayette	\$12,000
Franklin Associates	Planning	H.003915	I-49 Inner City Connector, Stage 1 Environmental Assessment Project (Prime: Providence Engineering)	\$5,297
Franklin Associates	Planning	H.004100.5	I-10 CMAR RCP Plans – Segment 1 (Prime: Providence Engineering/HUVAL)	\$40,170
Franklin Associates	Planning	H.013284	MRB South GBR: LA 1 to LA 30: NEPA EA (Prime: Atlas)	\$26,959
Franklin Associates	Planning	H.004791	Belle Chasse Bridge Replacement Project (Prime: Plenary)	\$16,220
Franklin Associates	Planning	H.003931	I-10 Calcasieu River Bridge Replacement Project (Prime: Calcasieu Bridge Partners)	\$25,133
Franklin Associates	Planning	H.005121	Sugarhouse Road Environmental Assessment (Prime: Providence)	\$957
Gresham Smith	Bridge	44-21514; H.012003	Movable Bridge Contract 2	\$9,530
Gresham Smith	CE&I/OV	44-31927; H.014737.6	Signal Upgrade: Sgt Alfred (CEI)	\$10,823
Gresham Smith	CE&I/OV	44-27349; H.003931.6	Calcasieu River Bridge (HBI)(CEI)	\$1,131,076
Gresham Smith	Other (Program Mgt)	44-27186; H.015959.1	Discretionary Grant Administration	\$1,169,296
Gresham Smith	Road	44-21326; H.014693.1	Stage 0 LA 67 (Plank Rd) at LA 3006	\$3,826
Gresham Smith	Road	44-26911; H.015202.5	LRSP/STRPPP TO #10 Donaldsville	\$27,314
Gresham Smith	Road	44-26911; H.015207.5	SRTPPP TO #11 (BRCC Design)	\$132,378
Gresham Smith	Road	44-26911; H.016080.5	SRTPPP TO #12 (US 90 @ Sharp Design)	\$129,499
Gresham Smith	Road	44-27210; H.012859.5	Roundabout at Valhi Blvd	\$90,909
Gresham Smith	Road	44-27181; H.015861.5	LA 4 (Jonesboro)	\$74,602
Gresham Smith	Road	44-27181; H.015918.5	Downtown Winnfield	\$133,983
Gresham Smith	Road	44-26912; H.013720.5	LRSP/STRPPP TO #12 LA 31 Sidewalk	\$129,498
Gresham Smith	Road	44-26912; H.016205.5	LRSP/STRPPP TO #13 LA383 Sidewalks	\$118,400
Gresham Smith	Road	44-31004; H.015580.5	Natchitoches Safe Streets	\$352,183

Gresham Smith	Traffic	44-25298; H.016039.5	LA 47: LA46 - Virtue St	\$87,491
Gresham Smith	Traffic	44-25298; N/A	LA 24: Downtown Houma Study	\$35,058
Gresham Smith	Traffic	44-25298; H.016007.5	I-10: Siegen Ln Interchg	\$125,493
Gresham Smith	Traffic	44-25298; N/A	Permit Review (Dist 05)	\$300,000
Gresham Smith	Traffic	44-26911; H.013718.5	LRSP/STRPPP TO #3 LA 23 Gretna	\$54,185
Gresham Smith	Traffic	44-26911; H.013713.5	LRSP/STRPPP TO #4 LA 60 Bogalusa	\$12,767
Gresham Smith	Traffic	44-26911; H.015198.5	LRSP/STRPPP TO #5 S. Carrollton)	\$601
Providence Engineering and Environmental Group LLC	CE&I/OV	Contract No. 4400015191; H.004634	IDIQ Contract for Construction Engineering TASK 1 Management and Staff Augmentation Services for District 62, St. Helena, Livingston, St. John, St. Tammany, Tangipahoa and Washington Parishes	\$419,054
Providence Engineering and Environmental Group LLC	Environmental	Contract No. 4400017438; H.013284	Supplemental Agreement No. 6 MRB South GBR: LA 1 to LA 30 Connector Route: New Route Ascension, East Baton Rouge, Iberville, and West Baton Rouge Parishes	\$133,779
Providence Engineering and Environmental Group LLC	Environmental	Contract No. N/A; H. 004791	Belle Chasse Bridge and Tunnel Replacement Public-Private Partnership Project	\$164,603
Providence Engineering and Environmental Group LLC	CE&I/OV	Contract No. 4400031953 SPN H.012587.6 F.A.P. NO. H012587	I-10: W End of BR 290 - W End of LA 415 (CE&I) Route: I-10	\$1,075,298

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





Bliss Bernard
has attended
Louisiana Traffic Control Supervisor Refresher

Completed: 14-MAR-2025

CEU (If Applicable): 0.75

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

American Traffic Safety Services Association
ATSSA.com



Bliss Bernard
has attended
California Flagger Certification Training Course

Completed: 20-FEB-2025

CEU (If Applicable): 0.35

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

American Traffic Safety Services Association
ATSSA.com

THE ACADEMY OF BOARD CERTIFIED ENVIRONMENTAL PROFESSIONALS

ATTESTS THAT

Bliss Bernard

IS HEREBY DECLARED TO BE A

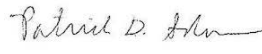
CERTIFIED ENVIRONMENTAL PROFESSIONAL

BY THE CERTIFICATION REVIEW BOARD
ACTING UNDER THE AUTHORITY OF THE BOARD OF TRUSTEES

EXPIRATION DATE: 12/31/2026


PRESIDENT, ABCEP




CHAIRPERSON, CERTIFICATION REVIEW BOARD

CERTIFICATION NUMBER: 53034479

CERTIFIED SINCE: 04/10/2026



National Highway Institute Certificate of Training

Nicole Forsyth

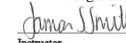
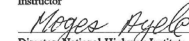
has satisfactorily completed training in

**National Environmental Policy Act (NEPA)
And Transportation Decision Making**
conducted by

National Highway Institute

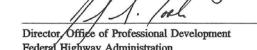
Location: Baton Rouge, LA

Date: August 20-22, 2002


Instructor

Director, National Highway Institute
Federal Highway Administration

Hours of instruction: 18

Continuing Education Units: 1.8


Coordinator

Director, Office of Professional Development
Federal Highway Administration

Certificate of Completion

presented to

Christopher Nipper

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: October 1, 2018
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 2.5

Poly A. Colvane
Authorized Instructor

Jim Holt
Authorized Instructor

Robert J. Parnell
Authorized instructor



Certificate of Completion

presented to

Christopher Nipper

for completing the

Traffic Engineering Analysis Process & Report Module 2

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

Professional Development
Hours (PDHs) Awarded: 3.5

Poly A. Colvane
Authorized Instructor

Jim Holt
Authorized Instructor

Robert J. Parnell
Authorized instructor



Certificate of Completion

presented to

Christopher Nipper

for completing the

Traffic Engineering Analysis Process & Report Module 3

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

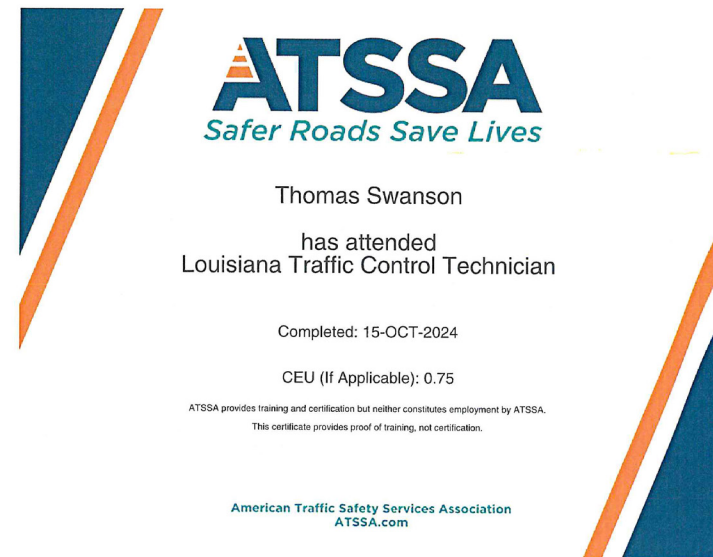
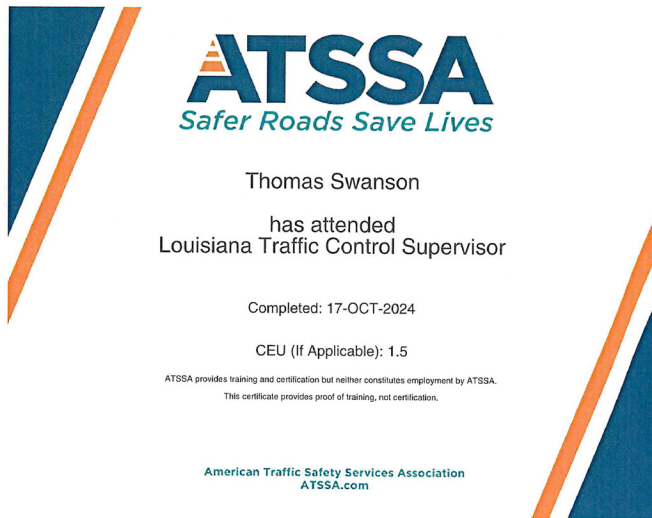
Professional Development
Hours (PDHs) Awarded: 3

Poly A. Colvane
Authorized Instructor

Jim Holt
Authorized Instructor

Robert J. Parnell
Authorized instructor





Certificate of Completion

presented to

Thomas Swanson

for completing the

Traffic Engineering Analysis Process & Report Module 1

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

Professional Development
Hours (PDHs) Awarded: 2

Felix A. Colvane
Authorized Instructor

John H. Hitt
Authorized Instructor

Robert J. Broussard
Authorized instructor



Certificate of Completion

presented to

Thomas Swanson

for completing the

Traffic Engineering Analysis Process & Report Module 2

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

Professional Development
Hours (PDHs) Awarded: 3

Felix A. Colvane
Authorized Instructor

John H. Hitt
Authorized Instructor

Robert J. Broussard
Authorized instructor



Certificate of Completion

presented to

Thomas Swanson

for completing the

Traffic Engineering Analysis Process & Report Module 3

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

Professional Development
Hours (PDHs) Awarded: 3

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized instructor



National Highway Institute

Certificate of Training Jerome Lohmann

has participated in

NEPA and Transportation Decision Making

hosted by
LA DOTD/LTRC



Date: March 4-6, 2008

Location: Baton Rouge, Louisiana

Hours of Instruction: 18

[Signature]
Instructor

[Signature]
Instructor

[Signature]
Local Coordinator

[Signature]
Joseph S. Todd, Associate Administrator
Office of Professional and Corporate Development

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Jerome Lohmann

has attended

Louisiana Traffic Control Supervisor Refresher
Training Course

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

New Orleans, LA
Location

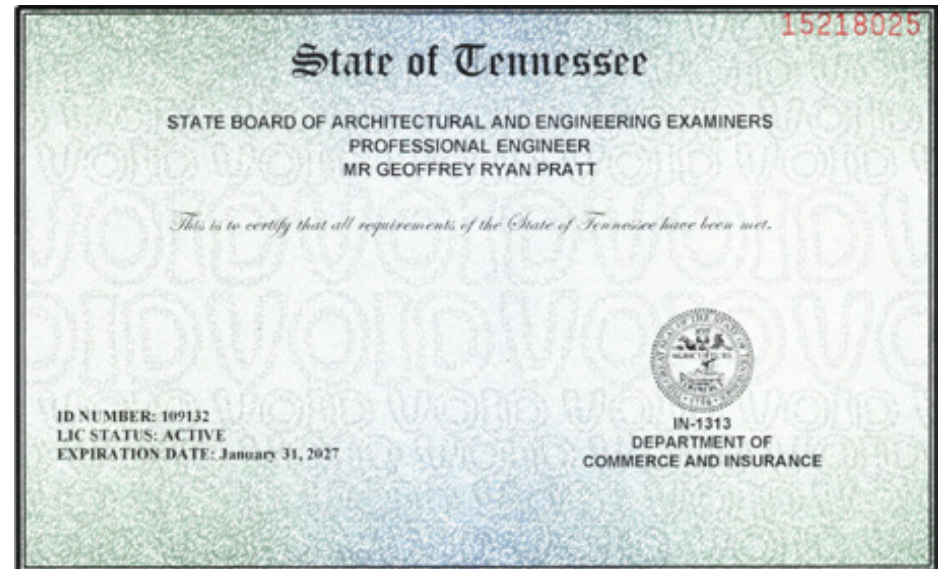
[Signature]
Vice President of Education and Technical Services

[Signature]
President, CEO

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



American Traffic Safety Services Association ATSSA.com





Certificate of Completion

presented to

Bert Moore

for completing the

Traffic Engineering Analysis Process & Report Module 1

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

Professional Development
Hours (PDHs) Awarded: 4

Polg. Calvane
Authorized Instructor

Jim Holt
Authorized Instructor

Robert J. Bunnell
Authorized instructor



Certificate of Completion

presented to

Bert Moore

for completing the

Traffic Engineering Analysis Process & Report Module 2

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

Professional Development
Hours (PDHs) Awarded: 4

Polg. Calvane
Authorized Instructor

Jim Holt
Authorized Instructor

Robert J. Bunnell
Authorized instructor



Certificate of Completion

presented to

Bert Moore

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: October 18, 2018
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3

Polg. Calvane
Authorized Instructor

Jim Holt
Authorized Instructor

Robert J. Bunnell
Authorized instructor



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Herbert Moore

has attended

**Traffic Control Supervisor Refresher-LA State Specific
Training Course**

4/7/2023 to 4/7/2027
Training Valid Through

Donna M. Clark
Vice President of Education and Technical Services

Baton Rouge, LA
Location

Sharon T. Fisher
President, CEO

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



American Traffic Safety Services Association ATSSA.com



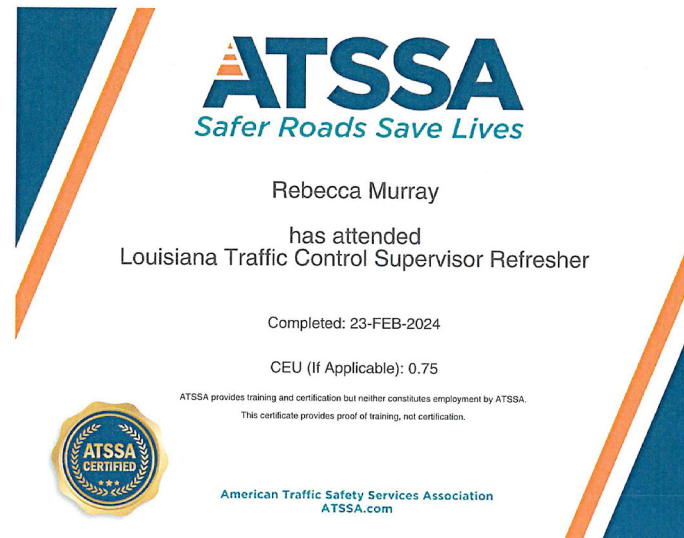
Certificate of Attendance
 presented to
Rebecca LaPorte
 for attending
**Advanced Highway Safety Manual Training –
 Interactive Highway Safety Design Model (IHSDM)**

16 Professional Development Hours

June 5-6, 2018

Baton Rouge, Louisiana

Authorized Instructor



Certificate of Completion

presented to

Rebecca LaPorte

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: July 16, 2018

Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 2

Myfeline
Authorized Instructor

John Hitt
Authorized Instructor

Debbie Purcella
Authorized instructor



Certificate of Completion

presented to

Rebecca LaPorte

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: July 23, 2018

Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 3

Myfeline
Authorized Instructor

John Hitt
Authorized Instructor

Debbie Purcella
Authorized instructor



Certificate of Completion

presented to

Rebecca LaPorte Murray

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: October 15, 2018

Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 3

Myfeline
Authorized Instructor

John Hitt
Authorized Instructor

Debbie Purcella
Authorized instructor



Certificate of Completion

presented to

Alben Cooper

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: February 25, 2019
Location: Bridge City, Louisiana

Professional Development
Hours (PDHs) Awarded: 2


Authorized Instructor


Authorized Instructor


Authorized instructor



Certificate of Completion

presented to

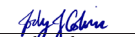
Alben Cooper

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: February 25, 2019
Location: Bridge City, Louisiana

Professional Development
Hours (PDHs) Awarded: 3


Authorized Instructor


Authorized Instructor


Authorized instructor



Certificate of Completion

presented to

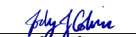
Alben Cooper

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: February 26, 2019
Location: Bridge City, Louisiana

Professional Development
Hours (PDHs) Awarded: 3


Authorized Instructor


Authorized Instructor


Authorized instructor



Richard Chinn Environmental Training, Inc.

certifies that

Christopher Coyne

has successfully completed a

38 Hour Army Corps of Engineers Wetland Delineation Training Program

Issued Certificate No. 8969 and 3.8 CEUs on August 9 - 12, 2021 in Baton Rouge, Louisiana

This course is pre-approved by the Society of Wetland Scientists Professional Certification Program to provide 2.5 Training Credits and/or Points

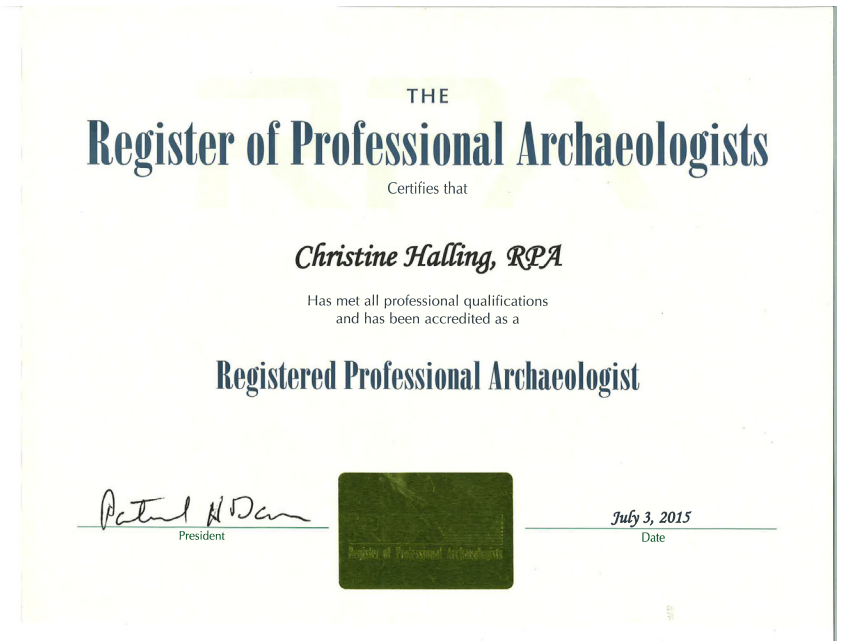

Richard Chinn, SPWS

Richard Chinn Environmental Training, Inc.
804 Cottage Hill Way, Brandon, FL 33511-8098

813.655.7549 • FAX: 813.354.4659 • info@richardchinn.com • <http://www.richardchinn.com>

This training has been based in part on the U. S. Army Corps of Engineers wetlands delineation manual technical report Y-47-1 (1987 manual), as provided for in the training materials developed in conjunction with Section 3076(c) of the Water Resources Development Act of 1986 for the wetland delineation certification program.







1/10/22, 9:51 AM

Certificate



1138

<https://achp.golearnportal.org/getcert.php?course=45>

1/1

1/10/22, 9:50 AM

Certificate



1138

<https://achp.golearnportal.org/getcert.php?course=1>

1/1

CEMETERY RESOURCE PROTECTION TRAINING

March 2, 2019



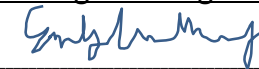
The Florida Public Archaeology Network

presents

CERTIFICATE OF COMPLETION

To

Morgan Granger



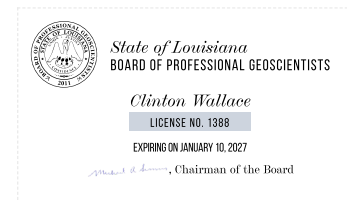
Emily Jane Murray, M.A.
Florida Public Archaeology Network



FLAGLER
COLLEGE



FLORIDA PUBLIC
ARCHAEOLOGY NETWORK
A PROGRAM OF THE UNIVERSITY OF WEST FLORIDA



Please note that your license certificate is not valid proof of licensure unless the license registration card accompanying it is current.

Please contact our office at apply@lbopg.org or by calling 225-505-3766 if you have any questions or if we may be of further assistance to you.

With best regards,
Brenda Macon, Executive Secretary

LOUISIANA BOARD OF PROFESSIONAL GEOSCIENTISTS
 1800 City Farm Drive, Building 5, Suite B,
 Baton Rouge, LA 70806
 225-505-3766

<https://www.lbopg.org>

Secretary of State Screenshots

Search for Louisiana Business Filings

[Buy Certificates and Certified Copies](#)
[Subscribe to Electronic Notification](#)
[Print Detailed Record](#)

Name	Type	City	Status
G.E.C., INC.	Business Corporation	BATON ROUGE	Active

Name	Type	City	Status
THE LAKVOLD GROUP LLC	Limited Liability Company	BATON ROUGE	Active

Name	Type	City	Status
FRANKLIN ASSOCIATES, LLC	Limited Liability Company	BATON ROUGE	Active

Previous Names

FRANKLIN INDUSTRIES, LLC (Changed: 10/5/2011)

Business: FRANKLIN ASSOCIATES, LLC

Charter Number: 38013721K

Registration Date: 9/13/2005

Name	Type	City	Status
GRESHAM SMITH	Partnership (Non-Louisiana)	OFFICE: NASHVILLE, TENNESSEE	Active

Previous Names

GRESHAM, SMITH AND PARTNERS (Changed: 9/27/2018)

Business: GRESHAM SMITH

Name	Type	City	Status
PROVIDENCE ENGINEERING AND ENVIRONMENTAL GROUP LLC	Limited Liability Company	BATON ROUGE	Active

Previous Names

Business: PROVIDENCE ENGINEERING AND ENVIRONMENTAL GROUP LLC

Charter Number: 34914727K

Registration Date: 3/23/2000

Nancy Landry Secretary of State 		FOREIGN CORPORATION ANNUAL REPORT For Period Ending 2/2/2026		 40736449F  2026	
Mailing Address Only (INDICATE CHANGES TO THIS ADDRESS IN THIS BOX) 40736449 F BOWLBY & ASSOCIATES, INC. 2200 21ST AVENUE SOUTH, SUITE 300 NASHVILLE, TN 372125652		1 (INDICATE CHANGES TO THIS ADDRESS IN THIS BOX) Domicile Street Address in State Where Incorporated (Do not use P. O. Box) 2200 21ST AVENUE SOUTH, SUITE 300 NASHVILLE, TN 372125652		Federal Tax ID Number	
Our records indicate the following registered agents for the corporation. Indicate any changes or deletions below. All agents must have a Louisiana address. Do not use a P. O. Box. A NEW REGISTERED AGENT REQUIRES A NOTARIZED SIGNATURE. CORPORATION SERVICE COMPANY 450 LAUREL STREET, 8TH FLOOR BATON ROUGE, LA 70801					
I hereby accept the appointment of registered agent(s).		Sworn to and subscribed before me on NOTARY NAME MUST BE TYPED OR PRINTED WITH NOTARY #			
New Registered Agent Signature		Notary Signature		Date	
This report reflects a maximum of three officers or directors from our records for this corporation. Indicate any changes or deletions below. Include a listing of all names along with each title held and their address. Do not use a P. O. Box. If additional space is needed attach an addendum. DARLENE REITER 2200 21ST AVENUE SOUTH, SUITE 300 NASHVILLE, TN 372125652 Director, President GEOFFREY PRATT 2200 21ST AVENUE SOUTH, SUITE 300 NASHVILLE, TN 372125652 Director, Secretary/Treasurer					
Our records indicate the following addresses for the corporation. Indicate any changes below. Principal business office wherever located: 2200 21ST AVENUE SOUTH, SUITE 300 NASHVILLE, TN 372125652 Registered office in Louisiana (Must be the same as agent's address): 450 LAUREL STREET, 8TH FLOOR /BATON ROUGE, LA 70801 Principal business establishment in Louisiana (Do not use a P. O. Box): 450 LAUREL STREET, 8TH FLOOR /BATON ROUGE, LA 70801					
The filing of a false public record, with the knowledge of its falsity, is a crime, subjecting the filer to the fine or imprisonment or both under R.S. 14:133.					
SIGN →	To be signed by authorized individual Ruth Strohmeier Rock (SIGNED ELECTRONICALLY)	Title Financial Administrator	Phone	Date 02/02/2026	
	Signee's address	Email Address ON FILE		(For Office Use Only)	
Enclose filing fee of \$30.00 Make remittance payable to Secretary of State Do Not Send Cash Do Not Staple web site: www.sos.louisiana.gov		Return by: 2/2/2026 To: Commercial Division P. O. Box 94125 Baton Rouge, LA 70804-9125 Phone (225) 925-4704		2	

UNSIGNED REPORTS WILL BE RETURNED

If the advertisement requires submission of a QA/QC plan, include it here. **Otherwise, leave this section blank. If a QA/QC plan is included in this section and was not required by the advertisement, it will be redacted.**

If one or more sub-consultants will be used, provide the name, address, point of contact and phone number for each. Otherwise, leave this section blank.

Firm Name (NAME MUST MATCH <u>EXACTLY</u> AS REGISTERED WITH LOUISIANA'S SECRETARY OF STATE (SOS): <u>INCLUDING PUNCTUATION, INCLUDE</u> <u>SCREENSHOT(S) FROM SOS AT THE END OF SECTION 20</u>)	Address	Point of Contact and email address	Phone Number
Bowlby & Associates, Inc.	7003 Chadwick Drive, Suite 258 Brentwood, TN 37027	Darlene D. Reiter dreiter@bowlbyassociates.com	(615) 236-6784
The Lakvold Group, LLC	4520 Jamestown Avenue, Suite 6, Baton Rouge, LA 70808	Angela Lemoine-Lakvold angie@thelakvoldgroup.com	225-248-9984 or 225-603-5515
Franklin Associates, LLC	250 S. Foster Drive Baton Rouge, LA 70806	Perry Franklin perry@franklinassociates.com	(225) 768-9060
Gresham Smith	10000 Perkins Rowe, Suite 520 Baton Rouge, LA 70810	Herbert "Bert" Moore II, P.E., PLS, PTOE bert.moore@greshamsmith.com	(225) 757-5849
Providence Engineering and Environmental Group LLC	11124 Julia Aubin Drive Baton Rouge, LA 70809	Chad Turner chadturner@providenceeng.com	225-766-7400

If location is an evaluation criterion for this advertisement (see page 2) and the prime consultant intends to establish a local presence, describe the plan for doing so. **Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the Evaluation Criteria section of the advertisement.**

Bliss Bernard, PE, CEP
bbernard@gecinc.com

8282 Goodwood Blvd.
Baton Rouge, Louisiana

WWW.GECINC.COM

