

Statement of Qualifications

CONTRACT NO. 4400032781

IDIQ CONTRACT FOR DESIGN SERVICES STATEWIDE WITH MAJORITY OF WORK IN DISTRICT 61

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

LA SAFE AIRLINE AND MAIN COMPLETE STREETS, LAPLACE



September 3, 2025



(Revised August 11, 2025)

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 CONTRACT FOR DESIGN SERVICES STATEWIDE WITH MAJORITY OF WORK IN DISTRICT 61
2. Contract Number(s) as shown in the advertisement	4400032781
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; include screenshot from SOS at the end of Section 20)	G.E.C., Inc.
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF.0001917
6. Prime consultant mailing address	8282 Goodwood Blvd., Baton Rouge, LA 70806
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	8282 Goodwood Blvd., Baton Rouge, LA 70806
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Cary Bourgeois, PE, Senior Vice President, (225) 612-4121, cbourgeois@gecinc.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Cary Bourgeois, PE, Senior Vice President, (225) 612-4121, cbourgeois@gecinc.com

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

G.E.C., INC.

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

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



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

September 3, 2025

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):	FIRM(S)' %
Vectura Consulting Services, LLC	10.8%
Civil Design & Construction, Inc.	18.0%
APS Engineering & Testing, LLC	2.0%

12. Discipline Table

Discipline(s)	% of Overall Contract	G.E.C., Inc. (Prime)	DBE FIRM	DBE FIRM	DBE FIRM	Each Discipline must total to 100%
			Civil Design & Construction, Inc.	Vectura Consulting Services, LLC	A P S Engineering and Testing, LLC	
Road	50.000%	100.00%				100%
Bridge	10.000%	100.00%				100%
Survey	18.000%		100.00%			100%
Traffic	12.000%	10.00%		90.00%		100%
Geotech	2.000%				100.00%	100%
CE&I/OV	3.000%	100.00%				100%
Environmental	5.000%	100.00%				100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.						
Percent of Contract	100.000%	69.200%	18.000%	10.800%	2.000%	----

13. Team Size

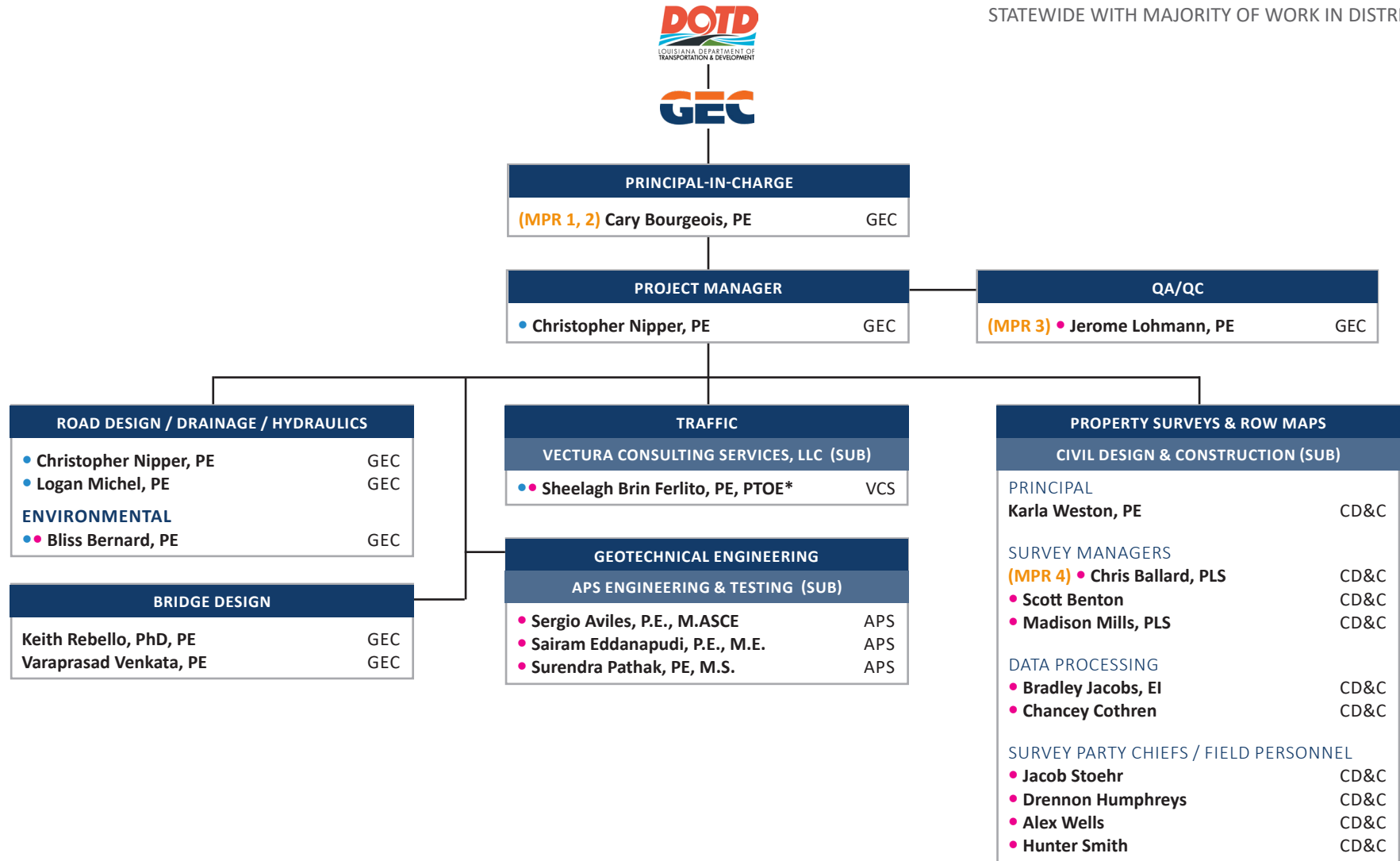
Firm name	DOTD Job Classification	Number of personnel <u>committed</u> to this contract*	Total number of personnel available in this DOTD Job Classification (if needed)
G.E.C., Inc.	Principal	1	2
	Engineer	3	12
	Supervisor - Eng	3	7
Civil Design & Construction, Inc.	Surveyor	1	2
	Party Chief	2	5
	Instrument Man	2	3
	Rodman	1	2
	CADD Operator	1	1
	Senior Technician	2	6
	Other (SUE)	1	1
A P S Engineering and Testing, LLC	Engineer	1	3
	Driller	4	8
	Clerical	1	2
Vectura Consulting Services, LLC	Supervisor - Eng	1	2
	Engineer	0	3
	Engineer Intern	0	3
	Senior Technician	0	2
	Supervisor - Other	0	1
	Technician	0	1
	Clerical	0	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.

G.E.C., INC.

14. Organizational Chart

CONTRACT NO. 4400032781
 IDIQ CONTRACT FOR DESIGN SERVICES
 STATEWIDE WITH MAJORITY OF WORK IN DISTRICT 61



LEGEND


- (#) Fulfills MPR
- Work Zone Training
- LTRC Modules 1-3 Training
- * personnel performing traffic engineering analysis and/or QC

- VCS Vectura Consulting Services, LLC
- APS A P S Engineering and Testing, LLC
- CDC Civil Design & Construction, Inc.


15. Minimum Personnel Requirements

MPR No. DO NOT INSERT WORDING FROM AD	Personnel being used to meet the MPR (INDIVIDUAL(S) MAY NOT SATISFY MORE THAN ONE MPR UNLESS SPECIFICALLY ALLOWED BY ATTACHMENT B OF THE ADVERTISEMENT)	Firm employed by	Type of license and discipline meeting MPR/certification & number (EX: PE # - CIVIL)	State of license	License / certification expiration date
1	Cary Bourgeois, PE		PE # 23414 - Civil	Louisiana	09/30/2025
2	Cary Bourgeois, PE		PE # 23414 - Civil	Louisiana	09/30/2025
3	Jerome Lohmann, PE		PE # 24673 - Civil	Louisiana	09/30/2026
4	Chris Ballard, PLS	Civil Design & Construction, Inc.	PLS # 5033	Louisiana	09/30/2026


16. Staff Experience

FIRM EMPLOYED BY G.E.C., Inc.			
NAME	Cary Bourgeois, PE	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	40
TITLE	Senior Vice President	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	0
DEGREE(S) / YEARS / SPECIALIZATION	B.S. / 1983 / Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE	23414 / Louisiana / 09-30-2025		
YEAR REGISTERED	1989	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES	Role on this Project: Principal-in-Charge		
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	<p><i>Mr. Bourgeois is GEC's Senior Vice President involved in supervising activities and performing design services on several large-scale projects. Mr. Bourgeois has 40 years of experience in the areas of Roadway, Bridge, Toll Collection Systems, and Intelligent Transportation Systems (ITS) design along with extensive experience in safety inspection of bridges. He has valuable experience in the design and geometry associated with roadways and bridge structures. He is thoroughly familiar with AASHTO Policy on Geometric Design of Highways and Streets, AASHTO Standard Specifications for Highway Bridges, Manual on Uniform Traffic Control Devices, the Highway Capacity Manual and the Standard Specifications for Structural Support for Highway Signs, Luminaries and Traffic Signals. He has provided ITS deployment and implementation planning, field device optimum positioning and placement, civil/structural engineering, and plan and specification development. As Principal-in-Charge, he has managed design and development, and supervision of plans and specifications, as well as general construction engineering and inspection.</i></p>		
2019-04/24 SECTION 17 PROJECT	<p>LASAFE AIRLINE AND MAIN COMPLETE STREETS: Laplace, LA. <i>Principal in Charge/QA/QC</i> - This project consists of design of a 10' and 5' sidewalk along the north side of US 61 in accordance with DOTD's Roadway Design Procedures and Details Manual. Existing ditches will have pipes added and be reshaped to provide detention ponds to reduce time of concentration. Main Street (LA 44) was also rehabbed with a mill and overlay and the design will provide parallel parking utilizing decorative brick and permeable base to reduce time of concentration. GEC oversaw the calculation of preliminary quantities and development of a preliminary estimated construction cost. GEC proposed the conceptual design to the Parish and received approval. GEC also oversaw development of the fee for all costs from surveying to construction.</p>		
09/20-Present SECTION 17 PROJECT	<p>BLUEBONNET BLVD. (PERKINS TO PICARDY): Baton Rouge, LA. <i>Principal in Charge/QA/QC</i> - GEC is designing the widening of Bluebonnet Blvd. to include an additional lane in each direction. Mr. Bourgeois oversaw an investigation of the existing bridge over Dawson Creek to determine whether the bridge should be widened or replaced in accordance with Part 1, Chapter 6 of the LADOTD BDEM. This investigation started with an NBIS bridge inspection to determine Condition Ratings for the bridge superstructure, substructure, and piles. A Bridge Load Rating was then carried out based on the AASHTO Manual of Bridge Evaluation and the LADOTD BDEM. Based on the load rating, GEC recommended that the existing bridge be replaced. He also oversaw the preliminary design for the replacement bridge as well as the design study for a six-lane, curb and gutter roadway with pedestrian facilities and subsurface drainage.</p>		
01/23-12/23	<p>GNOEC, OVERLAY THE WEST CAUSEWAY APPROACH ROAD AT CHINCHUBA BAYOU: Mandeville, LA. <i>Principal in Charge</i> - This project involved the rehabilitation of an existing roadway for the Greater New Orleans Expressway Commission. The rehabilitation included milling and overlaying the existing roadway, installing new pavement markers, and redesign of the existing 1950s guard rail with a new mash-tested bridge rail to meet current safety standards. Mr. Bourgeois oversaw development of the construction plans, the design of the new guard rail, and calculating quantities.</p>		
12/23-Present	<p>GNOEC, NORTH CAUSEWAY APPROACH ROAD OVERLAY: St Tammany Parish, LA. <i>Principal in Charge</i> - This project involved the rehabilitation of an existing roadway for the Greater New Orleans Expressway Commission. The rehabilitation included milling and overlaying the existing roadway, installing new pavement markers, and redesigning the existing guard rail in order to meet current safety standards. Mr. Bourgeois oversaw development of the construction plans, the design of the new guard rail, and calculating quantities. The project is under construction and Mr. Bourgeois provides oversight of GEC's construction engineering and inspection activities.</p>		


FIRM EMPLOYED BY G.E.C., Inc.	
NAME	Cary Bourgeois, PE <i>Continued Resume</i>
08/23-Present	44-25040 / I/JA OFF-SYSTEM BRIDGE PROGRAM, DISTRICT 61 LESS EBR: East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, and Assumption Parishes, LA. Principal in Charge - 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. Bourgeois is the principal-in-charge of this project.
10/19-11/20	I-10 SERVICE ROAD BRIDGE REPLACEMENTS: Slidell, LA. Principal-in-Charge - The project included the replacement of two slab span bridges, approach roadways, mill and overlay, and drainage. Mr. Bourgeois was Principal-in-Charge and oversaw the design phase of the project.
02/24-Present SECTION 17 PROJECT	H.015372 / WILLOW STREET AREA IMPROVEMENTS: Lafayette Parish, LA. Principal in Charge - This project includes preliminary plans for the redesign of local roads adjacent to Willow St. and Evangeline Thruway, and the redesign of Willow St. itself. The local roads included the redesign of two frontage roads that run parallel with Evangeline Thruway; the redesign and extension of an existing side street; and the widening and partial redesign of Willow St. Mr. Bourgeois oversees engineering design staff providing the geometry, both horizontal and vertical, for all the proposed roadways, hydraulic analysis and design, and hydraulic calculations and report, and construction plans for the project, including quantities required for construction.
08/20-05/25	H.013897 / I-10 & I-12 COLLEGE DR. FLYOVER RAMP DESIGN-BUILD PROJECT: 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 provides 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.
06/17-12/21	H.003074 / I-10 WIDENING, WILLIAMS TO VETERANS: Jefferson Parish, LA. Principal in Charge/QA/QC - Mr. Bourgeois oversaw road design in accordance with DOTD's Roadway Design Procedures and Details Manual, along with the superstructure and substructure load rating for existing bridges and ramps for this highly congested 2.28-mile urban interstate. The extensive load rating and documentation, allowed LADOTD to make an informed decision on widen or replace the existing bridges. The data supported the replacement of the bridges. GEC designed concrete slab spans, pre-stressed concrete girder spans and steel girder spans. All pre-stressed girders were Louisiana (LG) girders designed in accordance with AASHTO LRFD bridge specs.
04/19-12/21	H.013542 / CHEVELLE AND SARASOTA DRIVE BRIDGE REPLACEMENTS: Baton Rouge, LA. Principal in Charge - GEC performed a Design Study, including hydraulics, environmental, and geotechnical considerations, overseeing topographic survey and Right-of-Way (ROW) Mapping as required; developing preliminary and final construction plans and cost estimates. GEC will oversee construction phase services and preparation of an as-designed load rating for the bridge according to LADOTD criteria. The project includes the replacement of the existing Chevelle Drive Bridge over the West Fork of the North Branch of Ward Creek and the existing Sarasota Drive Bridge over Engineers Depot Canal, both located in Baton Rouge, LA.
02/19-Present	MID-CITY RR126 GROUP C, RR127 GROUP D, AND RR128 GROUP E: New Orleans, LA. Principal in Charge - GEC is preparing plans, specifications, and estimates for the removal and replacement of an existing asphalt and concrete pavement and drainage structures, as well as replacement of waterline and sewer main. Tasks include horizontal and vertical geometry, subsurface drainage design, and cross section development. Mr. Bourgeois oversees GEC's design services as principal in charge.
03/95-06/10	450-15-0089 / ROUTE I-10, CAUSEWAY BLVD TO 17TH STREET CANAL: Metairie, LA. Project Manager/Engineer-of-Record/Structural Engineer - Mr. Bourgeois performed Quality Assurance and project management on this project. He specifically acted as QA for all disciplines involved including surveying, structures/bridge design, electrical & controls design and civil engineering design. Project consisted of widening while under traffic of 1.64 miles of urban interstate highway from six to 10 lanes with roadway and bridges. He performed PPC girder layout and design and performed the design check of a two-span (425' total length) continuous steel girder with integral steel intermediate bent.
07/15-Present	H.004273.5 / I-49 CONNECTOR: Lafayette, LA. Principal in Charge - This project in District 03 includes bridge design & construction of a freeway with accompanying interchanges in the Evangeline Thruway US 90/US 167 corridor and flanking collector/distributor roads for local traffic circulation and land access. The project begins just south of the Lafayette Regional Airport and continues north to the I-10/US 167/I-49 interchange, a length of approximately five miles. Mr. Bourgeois oversees the GEC design staff.


FIRM EMPLOYED BY		G.E.C., Inc.	
NAME	Christopher Nipper, PE	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	8
TITLE	Road Design	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	2
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2014 / Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		43281 / Louisiana / 09-30-2025	
YEAR REGISTERED	2019	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Project Manager, Road Design, Drainage	
EXPERIENCE DATES (MM/YY–MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	<p>Mr. Nipper has 10 years of experience providing preliminary plans and cost estimates for the design and development of construction plans for roadway improvement projects. The first two years of his career were spent as a Road Design Engineer for LADOTD, affording him knowledge of LADOTD standards and guidelines required for roadway projects. He has experience with preliminary plans for roadway projects in accordance with Louisiana Standard Specifications for Highways and Bridges and DOTD's Roadway Design Procedures and Details Manual. This includes current experience with the I-10 Williams to Veterans project which is in the 90% final plans stage and the St. John the Baptist LASAFE Airline and Main Complete Streets project which utilized the LADOTD Roadway Design Procedures and Details Manual and is currently under construction. He has designed projects requiring milling and overlay in accordance with 23 CFR 625, Design Standards for Highways and the current DOTD Design Guidelines for Preservation Projects, EDSM I.1.1.11, Guidance for PRR Projects, and DOTD Pavement PRR Minimum Design Guidelines. Mr. Nipper provides hydraulic analysis and design of drainage features for roadway construction projects in accordance with the current edition of DOTD's Hydraulics Manual. He is also very familiar with AASHTO standards and guidelines and has developed Level 2 Transportation Management Plans for roadway construction projects. He has completed the following training: FHWA-NHI-380096 Modern Roundabouts: Intersections Designed for Safety hosted by LADOTD/LTRC and Modules 1-3 of the Traffic Engineering Process and Report Course offered by LTRC.</p>		
02/24-Present SECTION 17 PROJECT	<p>H.015372 / WILLOW STREET AREA IMPROVEMENTS: Lafayette Parish, LA. Road Design Engineer - This project involved the redesign of local roads adjacent to Willow St. and Evangeline Thruway, and the redesign of Willow St. itself. The local roads included the redesign of two frontage roads that run parallel with Evangeline Thruway; the redesign and extension of an existing side street; and the widening and partial redesign of Willow St. For the project's preliminary plans, Mr. Nipper was responsible for the geometry, both horizontal and vertical, for all the proposed roadways. Mr. Nipper was responsible for the hydraulic analysis and design, and developed the hydraulic calculations and report. Mr. Nipper also developed the construction plans for the project, and calculated the quantities required for construction.</p>		
09/20-Present SECTION 17 PROJECT	<p>BLUEBONNET BLVD. (PERKINS TO PICARDY): Baton Rouge, LA. Road Design Engineer - GEC is designing the widening of Bluebonnet Blvd. to include an additional lane in each direction, a 10-ft. wide shared use path on the west side, a 5-ft. wide sidewalk on the east side, painted bike lanes, roadway markings, flashing beacons, bus stops, refuge islands, roadway warning lights, high visibility crosswalks, and planting buffers for improved pedestrian safety, accessibility, and mobility to area facilities. The project includes replacement of existing bridges at Dawson Creek. Mr. Nipper assisted in preparing the drainage map depicting existing conditions for the 9,730-acre drainage area. Mr. Nipper also developed the soil map for the drainage area and computed the curve number and associated flow through Dawson Creek.</p>		
09/19-04/24 SECTION 17 PROJECT	<p>LASAFE AIRLINE AND MAIN COMPLETE STREETS: LaPlace, LA. Road Design Engineer - GEC designed a shared use path to accommodate pedestrians and bicyclists, improve accessibility and mobility, and provide curb bump outs to reduce the crosswalk distances and eliminate parking within the vicinity of the crosswalks to improve sight distance of pedestrians at the crossings. The corridor utilizes landscaped bioswales to capture and slow runoff while simultaneously providing beautification of the area. Main St. was redesigned to accommodate on street parking, sidewalks were added down the entire project corridor on both sides, and bicycle lanes were added as well. Mr. Nipper provided the vertical and horizontal alignments for the project, as well as the design for Main St. The reduced travel lane widths, replacing the shoulder with a bike lane, and constructing parallel parking, curbing, sidewalks, and landscaping helped to provide a traffic calming effect to keep vehicle speeds lower. He provided the hydraulic analysis needed to convert existing open ditches along the project into subsurface drainage systems to capture and slow runoff. Mr. Nipper also provided the estimated quantities and cost estimate. The project, currently under construction, utilized the LADOTD Roadway Design Procedures and Details Manual.</p>		

FIRM EMPLOYED BY G.E.C., Inc.	
NAME	Christopher Nipper, PE <i>Continued Resume</i>
06/17-12/21	H.003074, I-10 WIDENING, WILLIAMS TO VETERANS: Jefferson Parish, LA. Road Design - This project included the design of the addition of a lane to the existing interstate and the widening/replacement of bridges to accommodate the additional lane. Mr. Nipper was responsible for the hydraulic design of the proposed bridge decks, the westbound proposed bridge vertical curve, and for calculating elevations along bridge bents and girders. He is assisting with final plans in accordance with LADOTD's Roadway Design Procedures and Details Manual which are more than 95% complete.
06/17-10/18 SECTION 17 PROJECT	H.012783 / WB VETERANS, SEVERN AVE. – CLEARVIEW PKWY.: Jefferson Parish, LA. Co-Designer – This project involved the milling and overlay of Veterans Blvd. Two new drainage systems were also designed along with graphical grades to reduce ponding along the roadway. Mr. Nipper was involved with checking the design of the drainage systems, along with the design of the typical sections. He also calculated quantities and estimated costs associated with the project.
01/23-04/23	OVERLAY THE WEST CAUSEWAY APPROACH ROAD AT CHINCHUBA BAYOU: St. Tammany Parish, LA. Road Design Engineer - This project involved the rehabilitation of an existing roadway for the Greater New Orleans Expressway Commission. The rehabilitation included milling and overlaying the existing roadway, installing new pavement markers, and redesigning the existing guard rail in order to meet current safety standards. Mr. Nipper was responsible for the development of the construction plans, the design of the new guard rail, and calculating quantities.
12/23-04/24	NORTH CAUSEWAY APPROACH ROAD OVERLAY: St. Tammany Parish, LA. Road Design Engineer - This project involved the rehabilitation of an existing roadway for the Greater New Orleans Expressway Commission. The rehabilitation included milling and overlaying the existing roadway, installing new pavement markers, and redesigning the existing guard rail in order to meet current safety standards. Mr. Nipper was responsible for the development of the construction plans, the design of the new guard rail, and calculating quantities.
02/19-07/20	ST. TAMMANY PARISH GOVERNMENT, I-10 SERVICE ROAD BRIDGE REPLACEMENTS: St Tammany Parish, LA. Road Design Engineer - The project included the replacement of two slab span bridges, Mr. Nipper was responsible for the vertical alignment, proposed length of the bridges, placement of the new bridges, and guardrail design. Mr. Nipper designed the new roadway approaches to the new bridge and calculated all of the quantities and estimated the construction cost for the project.
04/19-05/20	H.013542 / CHEVELLE DRIVE AND SARASOTA DRIVE BRIDGE REPLACEMENTS: East Baton Rouge Parish, LA. Design Engineer - Mr. Nipper provided all investigations, preliminary plans, and preparation of final construction contract plans for the replacement of the Chevelle Drive and Sarasota Drive Bridges in East Baton Rouge Parish. Mr. Nipper provided the horizontal and vertical alignments, calculated the quantities, and prepared the cost estimate for both bridge sites. He also performed a hydraulic analysis and prepared a hydraulics report for each bridge.
2017	LA 3152, CLEARVIEW OPERATIONAL IMPROVEMENTS: Jefferson Parish, LA. Designer - This project involved the milling and overlaying of LA 3152 and new pavement marking and signage. Along with the milling and overlaying, turn lanes were being added, extended, etc., so new pavement sections were designed. Mr. Nipper was involved in checking and correcting the plans. He checked and calculated quantities and the estimated costs.
02/20-05/25	H.013897, I-10 & I-12 COLLEGE DR FLYOVER RAMP DESIGN-BUILD PROJECT: East Baton Rouge Parish, LA. Roadway Design - This project involved the redesign of the I-10 WB/I-12 WB merger, and the College Dr. Off Ramp. The existing I-12 WB was realigned to run alongside the existing I-12 EB lanes, and the existing I-10 WB bridge over I-12 EB was raised, widened, and lengthened to provide room for the realigned I-12 WB lanes. Separate dedicated off ramps to College Dr. were provided from I-10 WB and I-12 WB. Mr. Nipper performed all of the geometric design for the project, and developed all of the roadway construction plans. Mr. Nipper was responsible for the hydraulic analysis and design for the entire project, and developed the hydraulic calculations and report. Mr. Nipper was also responsible for calculating quantities for all of the roadway and hydraulic portions of the project.
08/23-Present	44-25040 / I/JA OFF-SYSTEM BRIDGE PROGRAM, DISTRICT 61 LESS EBR: East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, and 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 design for all 13 bridges. He 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. He also developed construction plans and calculated quantities required for construction.


FIRM EMPLOYED BY		G.E.C., Inc.	
NAME	Jerome Lohmann, PE	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	9
TITLE	Senior Project Manager	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	32
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1984 / Civil Engineering; A.A.S / 1977 / Surveying	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		24673 / Louisiana / 09-30-2026	
YEAR REGISTERED	1992	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Road Design QA/QC	
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	<p><i>Mr. Lohmann has served as Project Manager/Design Engineer responsible for the design and management of projects ranging from off-system bridge replacements or entity overlays to interstate widening and major interchanges. Mr. Lohmann has completed and/or managed preliminary plans and cost estimates for the design and development of construction plans for roadway improvement projects, including providing hydraulic analysis and design of drainage features on roadway construction projects in accordance with the current edition of DOTD's Hydraulics Manual. He has experience with reviewing existing data, as-built plans, improvement studies, boring information, traffic data, and field reconnaissance. He has experience designing plans in accordance with the latest Louisiana Standard Specifications for Highways and Bridges and in the current editions of DOTD's Roadway Design Procedures and Details Manual, Bridge Design Manual, Hydraulics Manual, EDSM I.1.1.11, Guidance for PRR Projects, 3R Minimum Design Guidelines and DOTD Pavement PRR Minimum Design Guidelines, and DOTD Minimum Design Guidelines. This includes the LASAFE Airline and Main Street project, currently under construction, which utilized the LADOTD Roadway Design Procedures and Details Manual. In addition, he is currently managing 90% final design plans for the I-10 Williams to Veterans project utilizing LADOTD Design Procedures and Details. He reviews Design Reports, Design Exceptions, and Design Waivers as needed for road design projects. He has also developed Level 2 Transportation Management Plans for roadway construction projects after a stage 0 has been completed.</i></p>		
09/19-04/24 SECTION 17 PROJECT	<p>LASAFE-AIRLINE & MAIN COMPLETE STREETS: LaPlace, LA. <i>Project Manager</i> - Mr. Lohmann managed the development of typical sections and preliminary layout for the project in accordance with LADOTD's Roadway Design Procedures and Details Manual, which consists of a 10' & 5' sidewalk along the north side of US 61 for improved accessibility and mobility and curb bump outs to reduce the crosswalk distances and eliminate parking within the vicinity of the crosswalks to improve sight distance of pedestrians at the crossings. Existing ditches will have pipes added & be reshaped to provide detention ponds to reduce time of concentration. Along Main St., design will provide parallel parking utilizing decorative brick & permeable base to reduce time of concentration. He oversaw the calculation of preliminary quantities & development of a preliminary estimated construction cost. He proposed the conceptual design to the Parish & received approval. He also oversaw development of the fee for all costs.</p>		
09/20-Present SECTION 17 PROJECT	<p>BLUEBONNET BLVD. (PERKINS TO PICARDY): Baton Rouge, LA. <i>Project Manager</i> - Mr. Lohmann is Project Manager, overseeing design of a six-lane, curb and gutter roadway with subsurface drainage, bridge replacement, green infrastructure, extended turn lanes, upgraded signage, signal improvements, highly visible lane markings, protected merge and turn lanes, rumble strips, and pedestrian facilities. GEC's design is in accordance with MOVEBR Design Guidelines and Consultant Services Manual. Mr. Lohmann supervised a study of the existing bridge over Dawson Creek. Based on the load rating, GEC recommended that the existing bridge be replaced and feature he pedestrian facilities with barriers to separate pedestrians/bicyclists from vehicular traffic. This project included a level 2 TMP.</p>		
02/24-Present SECTION 17 PROJECT	<p>H.015372 / WILLOW STREET AREA IMPROVEMENTS: Lafayette Parish, LA. <i>Road Design Engineer</i> - This project involved the redesign of local roads adjacent to Willow St. and Evangeline Thruway, and the redesign of Willow St. itself. The local roads included the redesign of two frontage roads that run parallel with Evangeline Thruway; the redesign and extension of an existing side street; and the widening and partial redesign of Willow St. For the project's preliminary plans, Mr. Lohmann provides project management, along with review of the hydraulic calculations and construction plans.</p>		
08/23-Present	<p>44-25040 / IJA OFF-SYSTEM BRIDGE PROGRAM, DISTRICT 61 LESS EBR: East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, and Assumption Parishes, LA. <i>Senior Project Manager</i> - 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.</p>		

FIRM EMPLOYED BY G.E.C., Inc.	
NAME	Jerome Lohmann, PE <i>Continued Resume</i>
12/21-Present	SHARP ROAD: Mandeville, LA. <i>Project Manager</i> - Mr. Lohmann is managing the preparation of preliminary and final construction plans for roadway improvements, subsurface drainage installation, and sidewalk construction. Design increases safety for this heavily trafficked roadway by improving pavement conditions and drainage, along with providing a safe place for pedestrians and bicyclists.
11/15-Present	H.003074 / I-10 WIDENING, WILLIAMS BLVD. TO VETERANS BLVD.: Jefferson Parish, LA. <i>Project Manager</i> - GEC is currently designing the widening of I-10 between Williams Boulevard and Veterans Boulevard interchanges in Jefferson Parish. Mr. Lohmann is currently managing final design plans which are over 90% complete in accordance with DOTD's Roadway Design Procedures and Details Manual. The total project length is 2.58 miles and consists of the construction of one 12' additional lane with a 10' shoulder inside along the I-10 eastbound and westbound roadways. Included in the project is the replacement and widening of the bridges over Canal No. 3 and Veterans Blvd. Sound Barriers, both ground-mounted and structure-mounted on the north side of I-10, form part of this project. Design has also been performed on the replacement of portions of the concrete lining of Canal No. 3 that will be impacted by the new bridge design. Mr. Lohmann provided design in the preliminary plans phase and design review of the roadway during the final plans phase. This project included a level 2 Transportation Management Plan (TMP).
08/01-05/02	258-33-0001 / BLUEBONNET BOULEVARD EXTENSION (NICHOLSON DR. TO BURBANK DR.): Baton Rouge, LA. <i>Project Manager</i> - Mr. Lohmann completed preliminary plans for the widening of Bluebonnet Blvd. to a 4- and 5-lane urban section for approximately 2.5 miles. He was responsible for project administration and management, coordination of subconsultants, and Quality Control design. This project included a level 2 TMP.
02/20-05/25	H.013897 / I-10 & I-12 COLLEGE DR. FLYOVER RAMP DESIGN-BUILD PROJECT: East Baton Rouge Parish, LA. <i>Roadway Task Lead</i> - Mr. Lohmann was the 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. GEC was responsible for engineering and design quality control services as necessary to complete the design and construction for the I-10 & I-12 College Dr Flyover Ramp Design-Build Project. He also participated in the Level 4 Transportation Management Plan (TMP).
11/15-08/16 SECTION 17 PROJECT	H.011435 / US 11 IMPROVEMENTS AT SCHNEIDER CANAL: Slidell, LA. <i>Project Manager</i> - The project elevated US 11 at the levee so that ongoing construction of the levee (in separate projects by the Parish) could continue beyond this point without a break in flood protection at the highway. The road section is a divided two-lane raised median with full-width shoulders and curb & gutter drainage to reduce the risk of road flooding and water hazards for motorists. Safety modifications include signage and striping improvements and intersection safety modifications. The highway remained on-grade on embankment and was raised approximately 10 feet at the levee. Approximately 2,300 feet of the highway was affected. GEC accomplished all aspects of design with its own in-house personnel, excluding geotechnical services. GEC completed the construction plans for this project in the summer of 2016. It incorporates an improved curbed road section including a raised median and a bike path. This project was the first project ever designed with LADOTD specifications that included a levee. Mr. Lohmann designed approximately 2,700' of divided two lane and multi-lane roadway to raise the roadway over the levee on Schneider Canal. This project included a level 2 Transportation Management Plan (TMP). GEC produced all plans and specifications for the improvements to this state route in accordance with LADOTD standards.
02/19-Present	MID-CITY RR126 GROUP C, RR127 GROUP D, AND RR128 GROUP E: New Orleans, LA. <i>Project Manager</i> - GEC is preparing plans, specifications, and estimates for the removal and replacement of an existing asphalt and concrete pavement and drainage structures, as well as replacement of waterline and sewer main. Tasks include horizontal and vertical geometry, subsurface drainage design, and cross section development. As PM, Mr. Lohmann has provided contract management, assists with design reviews, and performed fee negotiation.
02/17-10/17	H.008046 LA 3152: CLEARVIEW OPERATIONAL IMPROVEMENTS: Jefferson Parish, LA. <i>Project Manager</i> - This project involved the milling and overlaying of LA 3152 and new pavement marking and signage. Along with the milling and overlaying, turns lanes were being added, extended, etc., so new pavement sections were designed. Responsibilities included Scope, Fee project management and QA/QC associated with this project.
06/17-10/18 SECTION 17 PROJECT	H.012783 / WB VETERANS, SEVERN AVE. – CLEARVIEW PKWY.: Jefferson Parish, LA. <i>Project Manager</i> - This PRR project which included letter (8.5x11) size plans involved the milling and overlay of Veterans Blvd. Two new drainage systems were also designed along with graphical grades to reduce ponding along the roadway. Mr. Lohmann's responsibilities included scope, fee project management, and QA/QC.


FIRM EMPLOYED BY G.E.C., Inc.			
NAME	Logan Michel, PE	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	3
TITLE	Civil Engineer	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	7
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2015 / Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		43970 / Louisiana / 03-31-2026	
YEAR REGISTERED	2019	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Road Design	
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	<p><i>Mr. Michel has 10 years of experience focused on road design. He was involved in developing all aspects of roadway planning for LADOTD state projects, including bridge spot replacement, roundabouts, overlay projects, and new roadway development. His expertise includes planning and design, project and construction management, and preparation and review of construction data and reports, including cost estimates, specifications, test results and schedules. He provided oversight for major projects and conducted project meetings on design modifications, work progress and safety measures. Mr. Michel has completed the Traffic Engineering Analysis Process and Report Modules 1-3 training. He has experience developing Level 1 & 2 Transportation Management Plans for roadway construction projects and is familiar with the current editions of LADOTD's Louisiana Standard Specifications for Roads and Bridges, LADOTD's Roadway Design Procedures and Details Manual, LADOTD's Minimum Design Guidelines, Roadside Design Guide, and Hydraulics Manual.</i></p>		
08/22-05/25	<p>H.013897, I-10 & I-12 COLLEGE DR FLYOVER RAMP DESIGN-BUILD PROJECT: East Baton Rouge Parish, LA. Roadway Design - Mr. Michel was a Roadway Designer for the GEC/Boh Bros. team. GEC was responsible for engineering and design quality control services as necessary to complete the design and construction for the I-10 & I-12 College Dr Flyover Ramp Design-Build urban freeway transportation project. Design was in accordance with Louisiana Standard Specifications for Highways and Bridges and LADOTD's Roadway Design Procedures and Details Manual. Mr. Michel developed and revised Maintenance of Traffic (MOT) plans for all phases of construction. Mr. Michel was responsible for editing current or future design and revising previously approved plan sheets as the project progresses. He worked closely with the contractor to provide safe and effective ongoing construction for all parties.</p>		
08/22-Present	<p>H.003074, I-10 WIDENING, WILLIAMS TO VETERANS: Jefferson Parish, LA. Road Design - Project included the design of the addition of a lane to the existing interstate and the widening/replacement of bridges to accommodate the additional lane. Mr. Michel is reviewing GEC's final plans which are more than 95% complete in accordance with LADOTD's Roadway Design Procedures and Details Manual. Mr. Michel has coordinated with the Geotechnical engineer to prepare technical plan sheets for surcharge construction.</p>		
08/22-Present	<p>BAINBRIDGE AVE. ROADWAY & DRAINAGE IMPROVEMENTS: Kenner, LA. Project Engineer - GEC is preparing plans for the drainage design of the Bainbridge project. Mr. Michel's role consisted of preparing hydraulic calculations and drainage plan and profile sheets based on sub-consultant coordination, coordination with Jefferson Parish, and implementation of Parish standards. Also, Mr. Michel prepared technical specifications and a OPCC (Opinion of Probable Construction Cost) for GEC's portion of the design for each submittal stage.</p>		
10/23-Present	<p>44-25040 / I/JA OFF-SYSTEM BRIDGE PROGRAM, DISTRICT 61 LESS EBR: East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, and Assumption Parishes, LA. Design Engineer - Projects include the design of a bridge spot replacement of off-system bridges. The design is in accordance with Federal Aid Off-System Highway Bridge Program and the Off-System Hydraulic Design Guidelines. Mr. Michel's tasks include horizontal and vertical geometry, guardrail design, hydraulic analysis of the project area and the existing bridge, hydraulic modeling and reporting, establishing approximate required right-of-way (ROW) limits, plan/pro sheet development, cross section development, development of additional plan sheets, and preparing cost estimates for proposed design.</p>		
10/18-10/21	<p>H.010815.6 / LA 124 EXTENSION (SEGMENT 1): Catahoula Parish, LA. Project Engineer - This project consisted of constructing a private drive into a new state road (LA 124). Mr. Michel's responsibilities included plan production, designing new vertical and horizontal alignments based on LADOTD's Minimum Design Guidelines and Roadside Design Guide, hydraulic analysis, geometric design, drainage design for multiple culvert locations (RCB culverts & cross drains), cost analysis and estimation. (work done prior to joining GEC)</p>		

FIRM EMPLOYED BY		G.E.C., Inc.	
NAME	Bliss Bernard, PE	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	3
TITLE	Vice President Environmental / Business Development	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	8
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2014 / Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		42709 / Louisiana / 03-31-2027	
YEAR REGISTERED	2018	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Environmental	
EXPERIENCE DATES (MM/YY--MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	<p><i>Mrs. Bernard is a licensed Professional Engineer, experienced with a range of engineering projects including roadway design, environmental planning, water resources coastal/habitat restoration, and traffic and safety engineering. She has extensive knowledge of NEPA regulations and has served as the Project Manager on several Environmental Assessments and Environmental Impact Statements and has assisted in processing numerous environmental permits and documents for local, state, and federal agencies. Mrs. Bernard served as the Project Manager for the Louisiana Strategic Highway Safety Plan and was actively involved in statewide, regional, and local coalitions in establishing plans to improve safety to ultimately reach Destination Zero Deaths. Mrs. Bernard is proficient in ArcGIS, Microstation, HEC-RAS, HEC-HMS, LADOTD's HYDRWIN, and has completed the ATSSA TCT, TCS, and Certified Flagger training courses, NHI Course NEPA & the Transportation Decision-Making Process, the LADOTD Highway Safety Manual Course, and the LADOTD Traffic Engineering Process and Report Training Modules 1, 2, and 3.</i></p>		
10/22-Present	<p>H.004100 / I-10 CMAR, LA 415 TO ESSEN LANE ON I-10 AND I-12: Baton Rouge, LA. Project Engineer - Mrs. Bernard assisted with the preparation of the incident management plan, public and stakeholder outreach, and the NEPA re-evaluation document. The plan was developed for preparation of construction of Phase 1 and consisted of a planned and coordinated multi-disciplinary process to detect, respond to, and clear traffic incidents so that traffic flow may be restored as safely and quickly as possible. She assisted in identifying emergency staging locations, detour routes, emergency access locations, and queue clearing locations. Mrs. Bernard also assisted with the preparation and submittal of the Corps permit for the LSU Lakes Bridge. Mrs. Bernard has assisted with public and stakeholder outreach, preparing presentation materials, and providing updates on the project to inform stakeholders of progress. Mrs. Bernard assisted in the development of the NEPA Re-Evaluation document which contained re-evaluation for seven modifications along the corridor. She performed an Environmental Justice (EJ) analysis and developed all EJ sections of the document.</p>		
06/15-05/17	<p>H.011790 / RIVER ROAD NORTH WIDENING AND OVERLAY: Denham Springs, LA. Engineer Intern & Project Manager - Mrs. Bernard assisted in engineering design to widen & overlay the existing River Road North roadway between Centerville Street and North Range Avenue in Denham Springs, LA, for approximately 1.2 miles. Mrs. Bernard assisted in the design of preliminary and final roadway plans and developed construction documents for the project. These plans were in accordance with LADOTD Design Guidelines for Preservation Projects. Due to the superelevation, curves, guardrails, bridge structures, drainage, and sidewalk features, a more detailed preservation plan set was developed. She served as the project manager for this project, coordinated between utility companies, LADOTD, and sub-contractors, and assisted with the permitting effort at the bridge crossing.</p>		
01/16-04/17	<p>H.011014 LA 3002: U-TURN: Denham Springs, LA. Engineer Intern & Project Manager - Mrs. Bernard served as the Project Manager and assisted with the preliminary and final plans for the proposed LA 3002 U-Turn in Denham Springs, Louisiana. This project provides for the construction of a U-Turn between North Range Road and South Range Road (LA 3002), subsurface drainage, and roadway striping modifications. She assisted with the environmental categorical exclusion, preliminary and final design plans, which included the design of a new roadway, widening existing roadways, intersection improvements, signage and striping, and subsurface drainage. She developed final plan documents, which included title sheet, typical sections, plan and profile sheets, drainage plan and profile sheets, quantities, geometric layout, detail sheets, cross sections, and completed a subsurface drainage analysis using LADOTD's HYDRWIN program.</p>		
05/17-05/20	<p>H.001271 CANE RIVER BRIDGE CHURCH STREET ENVIRONMENTAL ASSESSMENT: Natchitoches Parish, LA. Project Manager - Mrs. Bernard served as the project manager. Prime consultant assisted LADOTD and FHWA to formulate a concise public document, or EA. She provided planning, public outreach, & engineering & environmental services necessary to gauge public support & document information necessary for LADOTD and FHWA to</p>		

FIRM EMPLOYED BY G.E.C., Inc.	
NAME	Bliss Bernard, PE <i>Continued Resume</i>
	reach an environmental decision as required by NEPA. She analyzed project impacts by coordinating and assisting in developing various technical studies, including line & grade study, GIS mapping, wetland delineation & threatened and endangered species study, phase 1 EA, air & noise impact studies, and cultural resources surveys. She directed all activities for numerous stakeholder meetings, public meetings, and public hearings. Through the compilation of all studies required by NEPA and public and agency involvement, she developed the Final EA for the replacement of the Cane River Bridge. She developed and received approval on the first known LADOTD and FHWA "net benefit determination" for Section 4(f) properties in the State of Louisiana. She developed a Finding of No Significant Impact (FONSI) document, which was approved by FHWA and LADOTD. This document was provided to FHWA and will be used as a template for future FONSI developed in partnership with LADOTD.
02/18-12/21	H.006459 RODDY ROAD/CHURCHPOINT ROAD ROUNDABOUT: Ascension Parish, LA. Project Manager - Mrs. Bernard served as Project Manager on this project re-design. Due to funding restrictions, the project was not constructed in a timely manner, and Ascension Parish issued the prime consultant with the project in 2018 to update the original submittals. She directed survey crews and traffic data collection crews in updating existing topographic survey and traffic data to update outdated information. Using this information, she developed an updated intersection study report and environmental categorical exclusion report. She assisted in updating all other prior plan documents in accordance with new LADOTD standards including geotechnical and pavement design, engineering plans, drainage plans, right-of-way maps, and all other bid and construction documents.
06/19-09/20	STAGE 0 FEASIBILITY STUDY OF MODERN ROUNDABOUTS: Lafayette Parish, LA. Engineer - The project entailed developing Stage 0 Feasibility Studies for 30 conceptual roundabout locations throughout Lafayette Parish for the Acadiana Metropolitan Planning Organization. Mrs. Bernard served as an engineer, and was responsible for data collection, feasibility studies, environmental inventory, and conceptual design of numerous roundabouts. She developed feasibility reports and environmental inventory reports in accordance with LADOTD. She managed the traffic sub-consultant, ensuring quality control of all submittals.
06/14-09/15	H.011248 / JULIA STREET WIDENING AND OVERLAY & H.011249 MAPLE STREET OVERLAY: Denham Springs, LA. Engineer Intern - Mrs. Bernard assisted with the Stage 0 and Stage 3 LADOTD Services for the Julia Street and Maple Street Overlay Projects in Denham Springs. She assisted in the preparation of the Stage 0 Study and subsequent categorical exclusion. Mrs. Bernard assisted in the development of preliminary and final plans, ensuring compliance with LADOTD standards. She attended project meetings, made site visits to determine roadway characteristics, and assisted in the preparation of the letter size plan set in accordance with LADOTD Design Guidelines for Preservation Projects. She also completed a drainage analysis of the proposed storm sewer system utilizing LADOTD's hydraulic software HYDRWIN.
03/24-Present	H.004279.5 / I-49 CONNECTOR, LAFAYETTE REGIONAL AIRPORT TO I-10/I-49/US 167 INTERCHANGE: Lafayette, LA. Project Manager/Engineer - GEC is serving as a sub-consultant for the I-49 Connector Project and provides program management and project controls, ITS design, road and bridge design, lighting and power systems design, environmental evaluations, and quality control. Mrs. Bernard is an engineer developing the project management plan (PMP), assisting with the initial financial plan (IFP) and the cost and schedule risk assessment (CSRA).
06/14-05/20	H.972169.1 (4400005388) AND 4400002481. LOUISIANA DOTD SHSP IMPLEMENTATION: Statewide. Project Manager - The SHSP is data driven and includes proven strategies for reducing traffic fatalities and injuries on Louisiana roadways. Ms. Bernard served as the Project Manager and provided technical assistance to the SHSP, facilitated breakout sessions, and prepared meeting documents at regional coalition meetings, statewide emphasis area team meetings, and implementation team meetings. She assisted LADOTD in providing onsite and remote technical assistance for other road user programs/projects, including bicyclist, pedestrians, transit, drivers, and other users and programs. Ms. Bernard assisted with developing detailed action plans for each emphasis area in the SHSP, assisting emphasis area teams and regional safety coalitions in developing new strategies, coordinating the statewide action plans with the regional safety coalition action plans, providing emphasis area team and regional safety coalitions with support as needed, maintaining the overall SHSP public and partner involvement process, refining the SHSP project selection process, and various other tasks in establishing an SHSP for the State of Louisiana.

FIRM EMPLOYED BY		G.E.C., Inc.	
NAME	Keith Rebello, PhD, PE	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	27
TITLE	Structural Engineer	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	8
DEGREE(S) / YEARS / SPECIALIZATION		BS / 1983 / Civil Engineering; MS / 1986 / Civil Engineering; PhD / 1990 / Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		24937 / Louisiana / 03-31-2027	
YEAR REGISTERED	1992	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Bridge Design	
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	<p><i>Dr. Rebello has 35 years of structural engineering experience designing cast-in-place slab spans and precast prestressed (LG type) girder bridges. He performed research work on non-linear deformation behavior of pre-stressed concrete bridges. He has designed and managed a variety of structural projects involving complex interstate and highway bridges (new, replacement, rehabilitation and widening), retaining walls, noise walls, buildings, water and wastewater treatment facilities, hurricane protection systems & hydraulic structures. He has experience in rating of bridges in accordance with LADOTD and AASHTO MBE requirements and performed ratings using AASHTOWare Bridge Rating (Virtis) software and finite element analysis where required.</i></p>		
09/20-Present SECTION 17 PROJECT	<p>BLUEBONNET BLVD. (PERKINS TO PICARDY): Baton Rouge, LA. <i>Bridge Design</i> - 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)</p>		
02/20-05/25	<p>I-10 & I-12 COLLEGE DRIVE FLYOVER RAMP DESIGN-BUILD: Baton Rouge, LA. <i>Bridge Task Lead</i> - Dr. Rebello was the 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 in order to maintain at least two lanes of traffic at all times. Dr. Rebello designed the two-span continuous (180 feet per span) steel superstructure for the flyover as well as rolled steel girder spans for widening the existing I-10 westbound bridge over Ward Creek. He has additionally designed and developed plans for Retaining Walls for the entire project.</p>		
01/23-04/23	<p>OVERLAY THE WEST CAUSEWAY APPROACH ROAD AT CHINCHUBA BAYOU: Mandeville, LA. <i>Design Engineer</i> - This project involved the rehabilitation of an existing roadway for the Greater New Orleans Expressway Commission. The rehabilitation included milling and overlaying the existing roadway, installing new pavement markers, and redesigning the existing guard rail in order to meet current safety standards. Dr. Rebello was responsible for the development of the construction plans, and the design of the new guard rail.</p>		
11/18-07/20	<p>I-10 SERVICE ROAD BRIDGES: Slidell, LA. <i>Project Manager (Structural)</i> - This project included the replacement of a 5 span 100 feet long concrete slab span bridge over Reine Canal and 5-span 100' long slab span bridge with 30-degree skew over French Branch Canal. Dr. Rebello was the structural project manager for this project and oversaw the structural design, plan preparation and quality control.</p>		

FIRM EMPLOYED BY G.E.C., Inc.	
NAME	Keith Rebello, PhD, PE <i>Continued Resume</i>
10/20-Present	H.004100 / I-10, LA 415 TO ESSEN LANE: Baton Rouge, LA. Structural Engineer - Dr. Rebello designed a two-span truss spanning a future widened I-10 near Dalrymple Dr. to support multiple Dynamic Message Signs as part of the ITS portion of this project. Additionally, he designed light pole supports on retaining wall caps. All designs are in accordance with "AASHTO LRFD Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals".
04/13-07/21	H.011207 & H.011239 / LA 1 BRIDGE, LEEVILLE TO GOLDEN MEADOW: Lafourche Parish, LA. Structural Engineer - Dr. Rebello served as a Structural Engineer as part of a team involved in the design of the widening of an existing bridge and the construction of a new bridge totaling 6,500 feet in length. The variably widened portion of the bridge consisted of prestressed concrete Type III girder spans. The new bridge portions are supported on special new Louisiana (LG) girders. Dr. Rebello performed the LRFR rating on the existing girders and pile bents to assess the structural feasibility for widening. Dr. Rebello was responsible for ensuring that all updated AASHTO and LADOTD specifications were incorporated into the design. Once the widening was deemed feasible, and all design completed, Dr. Rebello performed an as-designed rating on the entire structure.
06/12-Present	H.003074 / I-10 NEW ORLEANS, WILLIAMS TO VETERANS: New Orleans, LA. Structural Engineer - Dr. Rebello was in charge of bridge load rating of existing bridges, bridge design management, and structural design for this complex project. Dr. Rebello supervised and performed superstructure and substructure load rating for existing bridges and ramps for this highly congested 2.58 mile urban interstate project. The extensive load rating and documentation provided to LADOTD allowed an informed decision to be made regarding widening or replacing the existing bridges. The data supported bridge replacement. Dr. Rebello supervised the structural design of all components of the replacement bridges – deep foundations, bridge piers, and steel and pre-stressed concrete bridge superstructure design, including composite pre-stress and steel girder span. All pre-stress girders were Louisiana (LG) girders designed in accordance with AASHTO LRFD bridge specifications. 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.
08/05-07/13	700-28-0004 / US 71/165 FORT BUHLOW BRIDGE AND APPROACHES: Alexandria/Pineville, LA. Structural Engineer - Dr. Rebello performed preliminary design of a new 0.6-mile bridge spanning the Red River. He developed alternative designs employing pre-stressed concrete and steel girder spans and segmental concrete box girders spans. He prepared preliminary plan alternative layouts for curved steel girder ramps and bridge plans for an overpass over a railroad, using conventional precast pre-stressed concrete girders. Ultimately, the bridge was designed with AASHTO 72" Type BT girder spans and a 1000', 3-span steel girder unit over the channel.
04/19-06/23	CHEVELLE AND SARASOTA DRIVE BRIDGE REPLACEMENTS: East Baton Rouge Parish, LA. Structural Engineer - This project included the replacement of the existing Chevelle Drive Bridge over the West Fork of the North Branch of Ward Creek with a 4-span 80-foot long slab span bridge and the existing Sarasota Drive bridge over Engineers Depot Canal with a 5-span 105-foot long slab span bridge. Both bridges have pedestrian sidewalks and are located in Baton Rouge, Louisiana. Dr. Rebello was the Project Manager for this project and oversaw the structural design, plan preparation, quantity estimates, as-designed rating, and quality control.
07/09-06/12	LAKE PONTCHARTRAIN, LA AND VICINITY, HURRICANE PROTECTION PROJECT LPV 17.2, BRIDGE ABUTMENT AND FLOODWALL TIE-INS AT CAUSEWAY BRIDGE: Jefferson Parish, LA. Structural QA - Dr. Rebello performed bridge and structural design in the final phases of this project which included 1200' of new NB and SB elevated bridge structures from 6th street to foot of existing bridge with 40-foot-high structure mounted light fixtures. Design consisted of slab spans & Type III PPC girder spans. Design also included a floodwall (T-wall) at existing levee crossing grade.
07/09-Present	GNOEC, INSPECTION OF THE CAUSEWAY BRIDGE AND APPROACHES: Jefferson and St Tammany Parishes, LA. Load Rating Structural Engineer - Dr. Rebello is the primary Load Rating Structural Engineer on this project. Federal Law 39 FR 10430 requires that all bridges on public roads be inspected and rated in accordance with National Bridge Inspection Standards (NBIS), 23 CFR Part 650, Subpart C. As Consulting Engineer for the Greater New Orleans Expressway Commission (GNOEC), GEC is responsible for the NBIS inspection and load rating for all GNOEC-owned bridges. Dr. Rebello has performed superstructure ratings for double-leaf steel Bascule Spans, prestressed concrete box girder spans, prestressed concrete monolithic girder and slab spans, and, composite steel girder and concrete deck spans on the GNOEC owned system. All rating has been done in accordance with American Association of State Highway Transportation Officials (AASHTO) Manual for Bridge Evaluation.

FIRM EMPLOYED BY		G.E.C., Inc.	
NAME	Varaprasad Venkata, PE	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	18
TITLE	Senior Civil / Structural Engineer	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	10
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1992 / Civil Engineering; M.S. / 1995 / Structural Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		40594 / Louisiana / 09-30-2026	
YEAR REGISTERED	2016	DISCIPLINE	Structural Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Bridge Design	
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
	<p><i>Mr. Venkata has 28 years of structural engineering experience involving highway bridges, low & high mast light pole supports, highway sign supports, hurricane protection systems, water treatment and distribution facilities, and industrial structures. He has provided design services for state agencies inclusive of FHWA funding, tolling commissions, as well as non-state entities and private industry. His design experience includes AASHTO structural sign supports for highway signs, traffic signal supports, camera pole platforms and supports, DMS sign supports and main platforms, and low and high mast light pole attachments and foundations. His bridge design experience includes the widening of existing structures and new structures for highly congested interstates and major highways, which includes, but not limited to, the design of pile bents, column bents, PSC girders, concrete deck, pre-stressed Type III girder spans, and steel girders.</i></p>		
09/20-Present SECTION 17 PROJECT	<p>BLUEBONNET BLVD. (PERKINS TO PICARDY): Baton Rouge, LA. Bridge Design - GEC is designing the widening of Bluebonnet Blvd. to include an additional lane in each direction. Mr. Venkata performed QC checks on bridge rating calculations to determine whether the bridge should be widened or replaced in accordance with Part 1, Chapter 6 of the LADOTD BDEM and AASHTO Manual of Bridge Evaluation. Based on the load rating, it was recommended that the existing bridge be replaced. Mr. Venkata performed the feasibility review of phased construction of the new precast prestressed (LG type) girder replacement bridge, maintaining two lanes of traffic in each direction during all phases of construction. He developed a new widened bridge layout plan with 3-phases of construction. Pedestrian facilities will continue across the bridges and will feature barriers to separate pedestrians/bicyclists from vehicular traffic. (City-Parish Project No. 19-CP-HC-0034)</p>		
02/20-05/25	<p>H.013897 / I-10 & I-12 COLLEGE DR. FLYOVER RAMP DESIGN-BUILD PROJECT: 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 the plans for the phased replacement of deck joints on the Ward Creek Bridge, to ensure maintenance of 5 lanes of traffic on I-10 westbound. Mr. Venkata also analyzed and designed the median barriers to support structure mount low mast poles. He designed foundations for ground mount high and low mast pole support foundations and reviewed shop drawings and pole design calculations submittals.</p>		
07/12-Present	<p>H.003074 / I-10 WIDENING, WILLIAMS TO VETERANS: New Orleans, LA. Structural Engineer - Mr. Venkata performed superstructure and substructure load rating for existing bridges and ramps for this highly congested 2.28-mile urban interstate. The extensive load rating and documentation provided to LADOTD allowed an informed decision to be made on whether to widen or replace the existing bridges at Veterans crossing. Mr. Venkata performed structural design of Pile bents, column bents, LG type PSC Girders, steel plate girders, bearing pads, deck slabs, curtain walls for new Southbound bridge, Northbound bridge and off Ramp to Veterans Blvd. in accordance with AASHTO LRFD Bridge design specifications and LADOTD BDEM. He also assisted in the development of plans and specs. Mr. Venkata worked on design and as designed rating for both bridges in accordance with AASHTO LRFD Bridge Design Specifications and LADOTD Bridge design standards. In addition, Mr. Venkata provided design of two structure-mounted trusses (overhead and cantilever) for relocated signs.</p>		
03/17-Present	<p>H.004273.5 / I-49 CONNECTOR: Lafayette Parish, LA. Structural Engineer - This 5-mile project begins south of Lafayette Regional Airport and continues north to I-10/US 167/I-49 interchange. Mr. Venkata checked structural calculations for span optimization and three-span continuous steel tub girders as a viable alternative to other bridge span types. He performed substructure design calculations & cost analysis.</p>		

FIRM EMPLOYED BY G.E.C., Inc.	
NAME	Varaprasad Venkata, PE <i>Continued Resume</i>
11/18-07/20	I-10 SERVICE ROAD BRIDGE REPLACEMENTS: Slidell, LA. <i>Structural Engineer</i> - This project included the replacement of a 5 span 100 feet long concrete slab span bridge over Reine Canal & 5 span 100 feet long slab span bridge with 30-degree skew over French Branch Canal. Mr. Venkata worked on design and as designed rating for both bridges in accordance with AASHTO LRFD Bridge Design Specifications & LADOTD Bridge design standards.
10/23-Present	44-25040 / IJJA OFF-SYSTEM BRIDGE PROGRAM, DISTRICT 61 LESS EBR: East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, and Assumption Parishes, LA. <i>Structural Engineer</i> - 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.
04/19-12/21	CHEVELLE DRIVE AND SARASOTA DRIVE BRIDGE REPLACEMENTS: East Baton Rouge Parish, LA. <i>Structural Engineer</i> - This project includes the replacement of the existing Chevelle Drive Bridge over the West Fork of the North Branch of Ward Creek with a 4-span 80-foot long slab span bridge and the existing Sarasota Drive bridge over Engineers Depot Canal with a 5-span 105-foot long (20', 20', 25', 20', 20') slab span bridge. Both bridges will have pedestrian walks and are located in Baton Rouge, Louisiana. Mr. Venkata is performing the final design calculations, plan preparation and as-designed rating for both bridges in accordance with AASHTO LRFD Bridge Design Specifications, the AASHTO Manual for Bridge Evaluation, and the LADOTD Bridge Design Manual. (Bridge Recall No(s). 800541 and 800561; City Parish Project No. 18-BRUS-0016)
2006-2011	HIGHLAND ROAD (LA 42) IMPROVEMENTS (PERKINS TO AIRLINE): Baton Rouge, LA. <i>Structural Design</i> - Mr. Venkata designed new bridge crossings at both Ward's Creek and Old Ward's Creek and tied to completed intersection improvements at Perkins Road and at Airline Highway. The bridges are 240' (6 spans at 40') and 160' (4 spans at 40') in length respectively composed of quad beams or 24" pile bents all designed from AASHTO LRFD.
07/16-08/17	PALMISANO BLVD. IMPROVEMENTS: Chalmette, LA. <i>Structural Engineer</i> - GEC designed improvements to the drainage system encompassing Plaza Dr. and Palmisano Blvd. from E. St. Bernard Hwy. to the outfall on the 20 Arpent Canal, including improvements to the lift station, which required a new concrete foundation and adjacent concrete pavement. GEC also provided design and plan preparation of one 3-span (20', 26', 20'), 66' long concrete slab span bridge with median. Mr. Venkata performed structural design calculation check for the 3 span bridge as a part of the Q.C. process. (07/16-08/17)
2005-2010	700-28-0004 / US 71/165 FORT BUHLOW BRIDGE AND APPROACHES OVER THE RED RIVER: Alexandria, LA. <i>Structural Engineer</i> - Mr. Venkata performed final structural design of pile supporting column bents for approaches on both northbound & southbound bridges. He performed checking of design calculations for the 72" deep Bulb-T prestressed girder design for approaches as part of the QC process. He also checked the pier design for the main bridge which was a continuous steel girder unit consisting of spans of 300', 400' and 300' for a total length of 1000'. GEC prepared final bridge and roadway plans after completing feasibility, line and grade study, traffic study & environmental assessment.
07/09-06/12	LAKE PONTCHARTRAIN, LA AND VICINITY, HURRICANE PROTECTION PROJECT LPV 17.2, BRIDGE ABUTMENT AND FLOODWALL TIE-INS AT CAUSEWAY BRIDGE: Metairie, LA. <i>Structural Engineer</i> - Mr. Venkata performed final structural design of widened portion of abutments for both North/Southbound bridges and pile founded inverted T-type floodwall (194 feet) and tie-ins to the existing levees for Causeway Bridge at South Shore. This reach consists of levees, floodwalls, crib walls, Causeway Boulevard and other miscellaneous access points. The designs shall bring the hurricane protection to the Phase II 100-year level. The professional services required of GEC included detailed engineering and design (E&D), preparation of a Design Report (DR), preparation of plans and specifications (P&S), and E&D support during advertisement.
04/13-12/17	H.011207 & H.011239 / LA 1 – LEEVILLE TO GOLDEN MEADOW: PHASE 2A & PHASE 2E (WIDENING AND NEW BRIDGE): Lafourche Parish, LA. <i>Structural Engineer</i> - Mr. Venkata served on a team responsible for rating existing bridge, design of the widening of an existing bridge and the design and construction of a new bridge. The widened portion of the bridge consists of pre-stressed concrete Type III girder spans & two new spans consists of new LG girders. Varaprasad performed design of pile bents, column bents, AASHTO and LG type PSC girders, concrete deck, and pile supported elevated concrete foundation maintenance platform for relocated and new 60' camera pole in accordance with AASHTO LRFD Bridge design specifications. Also designed structural sign supports for highway signs and luminaries according to AASHTO and LADOTD BDEM. Performed structural design for ladder system connecting the platform to the bridge deck in accordance with AASHTO and LADOTD standard specifications. Services included design, development of plans & specs.

FIRM EMPLOYED BY Civil Design & Construction, Inc. (CD&C)			
NAME	Karla Weston, PE	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	20
TITLE	President	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	6
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1999 / Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		31010 / Louisiana / 03-31-2026	
YEAR REGISTERED	2004	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Survey Principal	
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).		
26 years of experience	<i>Mrs. Weston’s 25 years of experience with LADOTD and other municipal entities on transportation projects provides her the knowledge and ability to oversee the firm’s role as a sub-consultant and ensure the work is completed to LADOTD standards.</i>		
02/16-09/19	H.003047 PECUE LANE/I-10 INTERCHANGE, BATON ROUGE, LA: Mrs. Weston’s served as Principal-in-Charge for the firm’s role as a sub-consult for the engineering design services of the West Bound on Ramp to I-10, the West Bound Off Ramp from I-10, the extension to Rieger Road and Pecue Lane Extension. She has worked to oversee the firms design, coordinate with the prime consultant and government agencies.		
12/13 – 10/19	H.02960 GRAMERCY BRIDGE, ST. JAMES PARISH, LA: Mrs. Weston served as Principal-in-Charge for the firm’s role as a subconsultant for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project		
02/14 - 02/15	H.010620 I-49 DESIGN BUILD, LAFAYETTE, LA: Mrs. Weston provided QA/QC review for the Roadway Design Plans on this Design-Build Project for part of the I-49 South Corridor.		
05/13 – 05/14	H.009288.5 LA 1 RAILROAD BRIDGE AT DOW, WBR PARISH, LA: Mrs. Weston served as Principal-in-Charge for the firm’s role as a sub-consult for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project. She has worked to oversee the firms design and coordination with prime consultant team.		
01/06 – 12/12	EBR CITY/PARISH PROJECT NO. 06-CS-HC-0018, FAIRCHILD-BADLEY ROADWAY, EBR PARISH, LA: Mrs. Weston served as Principal in Charge for this project that was approx. 1.25 miles in length along Fairchild-Badley Road and also included approximately 600 linear feet of Elm Grove Garden Dr. CD&C designed the upgrade to the existing narrow roadway to a typical section of 2-11’ lands with a 2’ barrier curb and gutter, and a 6’ adjacent sidewalk. This included the design of a new sub-surface drainage system throughout the length of the project as well.		
03/12 – 07/12	H.009104.5 - SUNSHINE BRIDGE PHASE 2: Ms. Weston served as Project Manager and Engineer for CD&C’s portion of this Bridge Rehab Retainer Contract project which included the Traffic Management plans for the project. CD&C provided the Traffic Control design plans including detour maps of local road network for the repairs and widening to the Sunshine Bridge.		
05/11 – 04/12	RED RIVER – JACKSON STREET BRIDGE, ALEXANDRIA, LA: Ms. Weston served as Project Manager and Engineer for CD&C’s portion of this Bridge Rehab Retainer Contract project. CD&C provided the Traffic Control design plans including detour maps of local road network for the replacement of the Jackson Street Bridge over the Red River.		
06/12 – 10/12	H.009986 – PATHS 2 PROGRESS. JEFFERSON, ORLEANS, PLAQUEMINES, ST. BERNARD AND ST. TAMMANY PARISHES – GROUP 33: Ms. Weston served as the Principal-in-charge/Project Manager for this roadway rehabilitation project of roads in Jefferson Parish. This included field reconnaissance to determine severity of inundated roadways due to Hurricane Katrina, preparation and detailing of roadway rehabilitation plans, typical sections, providing quantity calculations, etc.		
12/11 – 4/12	H.005902.5 - CONSULTING SERVICES FOR THE PERMANENT REPAIR TO FEDERAL AID ELIGIBLE ROADS AS A RESULT OF DAMAGE DUE TO HURRICANE KATRINA IN 2005: Jefferson, Orleans, Plaquemines, St. Bernard and St. Tammany Parishes – Group 29: Ms. Weston served as the Principal-in-charge/Project Manager for this project which included survey, field reconnaissance to determine severity of inundated roadways due to Hurricane Katrina in the City of New Orleans, preparation and detailing of roadway rehabilitation plans, typical sections, providing quantity calculations, etc.		

FIRM EMPLOYED BY Civil Design & Construction, Inc. (CD&C)			
NAME	Chris Ballard, PLS	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	9
TITLE	Survey Manager	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	19
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2004 / Biological Science	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		5033 / Louisiana / 09/30/2026	
YEAR REGISTERED	2010	DISCIPLINE	Land Surveyor
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Survey Manager / MPR 4	
EXPERIENCE DATES (MM/YY–MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., “DESIGNED DRAINAGE”, “DESIGNED GIRDERS”, “DESIGNED INTERSECTION”, ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
<i>28 years of experience</i>	<i>Mr. Ballard serves as the Survey Manager for this project. He will work to oversee the project stays on schedule, aid in both crew coordination and office production, and provide final QC on the firm’s deliverable to the Prime Consultant. Mr. Ballard has an extensive background in providing topographic surveys for LADOTD in accordance with Location and Survey policies and procedures. He has overseen projects utilizing traditional means and methods of collecting data as well as those that include the use of 3D Terrestrial Scanning.</i>		
12/23 – 05/23	H.012618 LA 347 DRAINAGE IMPROVEMENTS: Mr. Ballard is the Survey Manager for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
02/23 – 12/23	H.012027.5 - I-20 UPPR: Mr. Ballard is the Survey Manager for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.		
09/18-01/20	H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA: Mr. Ballard is the Survey Manager for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500’ for control verification and incorporation of the Mobile Lidar for the I-10 pavement.		
04/17-07/17	H.010006.5-3 LA 58 PETIT CAILLOU BRIDGE REHABILITATION (SARAH BRIDGE), TERREBONNE PARISH, LA: Mr. Ballard is the Survey Manager for this project which included a complete topographic survey, utility coordination, channel cross sections, and the scanning of the existing vertical lift bridge for the design of its repairs/replacement. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning and hydrographic surveying.		
02/19-09/19	BRIDGE REPLACEMENTS IN EAST FELICIANA PARISH, RURAL EAST FELICIANA PARISH, LA: Mr. Ballard is the Survey Manager for this project for East Feliciana Parish Police Jury. It includes the replacement of 2 bridges which were damaged from flooding and the repairs to many rural roadways throughout the parish. These projects are being funded thru FEMA and all documentation has to be in accordance with FEMA’s policies and procedures.		
01/17-12/17	EAST BATON ROUGE PARISH BRIDGES, EAST BATON ROUGE PARISH, LA: In 2017, CD&C performed topographic surveys for at least 4 Bridge Replacement Projects throughout East Baton Rouge Parish. Mr. Ballard served as Survey Manager on each of these projects which included cross-sectioning and tracing the channel at each location. These included bridges over Dawson Creek, Claycut Bayou, Copper Mill Bayou, and Cypress Bayou.		
10/15 - 12/18	H.003184.5 I-10 TEXAS STATE LINE – EAST OF COONE GULLY, CALCASIEU PARISH, LA: Mr. Ballard served as the Survey Project Manager on this project which is a 6-lane widening of I-10. Duties performed on this project included the review of the survey information from crew, verification of project delivery schedule, processing of data and final review of submittal of project. 3D Terrestrial Scanning was used in conjunction with traditional means and methods for the completion of this project.		

FIRM EMPLOYED BY **Civil Design & Construction, Inc. (CD&C)**NAME **Chris Ballard, PLS***Continued Resume*

10/16-11/16	<p>H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA: Mr. Ballard served as the Project Manager for this Project. Among the duties performed for the project were review of the crew work conditions, review & processing of the survey data, verification, and review of final submittal. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer's design of the new bridge. To utilize data collection of the failed bridge, 3D Terrestrial Scanning was incorporated in conjunction with traditional means to complete the topographic survey. Due to the nature of the project being an Emergency Bridge replacement all staff worked on this project non-stop until field work was completed in less than 3 weeks.</p>
09/17-09/17	<p>H.012650.5-1 DISTRICT 62 BRIDGES, LIVINGSTON AND TANGIPAHOA PARISHES, LA: Mr. Ballard is the Survey Manager for this project which included 5 bridge sites in District 62. In addition to all of the existing data for the bridge and roadway at each site, each channel was cross-sectioned both upstream and downstream of the bridge. These included bridges over the US 190 Bridge over Gray's creek, 2 bridges on LA 442 both crossing East Hog Branch, LA 1063 over the Natalbany River, and US 51 over Ponchatoula Creek. Several of these bridges including the US190 one was surveyed utilizing 3D Terrestrial Scanning.</p>

FIRM EMPLOYED BY Civil Design & Construction, Inc. (CD&C)				
NAME	Scott Benton		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	7
TITLE	Survey Project Manager		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	5
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: Survey 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>12 years of experience</i>	<i>Mr. Benton serves as a Survey Project Manager and Senior Technician specializing in 3D Terrestrial Scanning, processing, and extraction.</i>			
12/24 – 04/25	H.014824.5 LA 317 - WAX LAKE B: Mr. Benton is the 3D Scanning Technician on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.			
10/24 – 01/25	H.015849 US 190 R CUTS @ LA741: Mr. Benton is the 3D Scanning Technician on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.			
12/23 – 05/23	H.012618 LA 347 DRAINAGE IMPROVEMENTS: Mr. Benton is the 3D Scanning Technician on this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.			
05/23 – 08/23	H.015056 - LA 685: Mr. Benton is the 3D Scanning Technician on this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.			
05/23 – 08/23	H.015058 - LA 14 BUSINESS: Mr. Benton is the 3D Scanning Technician on this project Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.			
02/23 – 12/23	H.012027.5 - I-20 UPPR: Mr. Benton is the 3D Scanning Technician on this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.			
10/20 – 01/21	H014302 US 165 LIGHTING, MONROE, LA: Mr. Benton served as the firm's lead 3D Scanning Technician on this lighting project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.			
12/19 – 01/2020	H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA: Mr. Benton served as a 3D Scanning Technician for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.			
03/14 – 06/14	H.008369 CLEO ROAD ROUNDABOUT, ST. TAMMANY PARISH, LA: Mr. Benton served as a Senior Technician on this project processing survey field data. CD&C was responsible for the topographic survey that began approximately 2400 ft. NW of intersection of I-59 and US Hwy 1090 and ended approximately 1000 ft. NW of intersection of I-59 and US Hwy 1090. The survey also included 500 ft. of Cleo Road and 175 ft. of Avenue D.			

FIRM EMPLOYED BY Civil Design & Construction, Inc. (CD&C)			
NAME	Madison Mills, PLS	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	4
TITLE	Survey Project Manager	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	4
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2016 / Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		5293 / Louisiana / 03-31-2027	
YEAR REGISTERED	2022	DISCIPLINE	Land Surveyor
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Survey 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>8 years of experience</i>	<i>Mr. Mills joined CD&C in 2021 as a Land Surveying Intern and has recently been licensed as a Professional Land Surveyor. He serves as a Survey Technician and assistant PM for CD&C working to manage field crews, process field crew data, and finalize deliverables.</i>		
12/24 – 04/25	H.014824.5 LA 317 - WAX LAKE B: Mr. Mills served as the Survey Project Manager on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.		
10/24 – 01/25	H.015849 US 190 R CUTS @ LA741: Mr. Mills served as the Survey Project Manager on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.		
12/23 – 05/23	H.012618 LA 347 DRAINAGE IMPROVEMENTS: Mr. Mills served as the Survey Project Manager on this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
09/23 – 12/23	H.015619.5 LA 106: Mr. Mills served as the Survey Project Manager on this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods was used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015056 - LA 685: Mr. Mills served as the Survey Project Manager on this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015058 - LA 14 BUSINESS: Mr. Mills served as the Survey Project Manager on this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
02/23 – 12/23	H.012027.5 I-20 UPPR: Mr. Mills served as the Survey Project Manager on this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.		
08/22 – 02/23	4400017091 LOUISIANA WATERSHED INITIATIVE REGION 5 – TASK ORDER 3: Mr. Mills served as working as a Survey PM this Louisiana Watershed Initiative project. He has been responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the final deliverables to the client. CD&C is a sub-consultant on this project.		
01/22 – 11/22	4400017091 LOUISIANA WATERSHED INITIATIVE REGION 5 – TASK ORDER 2: Mr. Mills served as working as a Survey PM this Louisiana Watershed Initiative project. He has been responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the final deliverables to the client. CD&C is a sub-consultant on this project.		

FIRM EMPLOYED BY		Civil Design & Construction, Inc. (CD&C)	
NAME	Bradley Jacobs, EI	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	3
TITLE	Survey Technician	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	9
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2015 / Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		32456 / Louisiana / 09-30-2025	
YEAR REGISTERED	2015	DISCIPLINE	Engineer Intern
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Survey Data Processing	
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>12 years of experience</i>	<i>Mr. Jacobs serves as a Survey Technician and will process field crew data and finalize deliverables.</i>		
12/24 – 04/25	H.014824.5 LA 317 - WAX LAKE B: Mr. Jacobs served as the Survey Technician for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.		
10/24 – 01/25	H.015849 US 190 R CUTS @ LA741: Mr. Jacobs served as the Survey Technician for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.		
12/23 – 05/23	H.012618 LA 347 DRAINAGE IMPROVEMENTS: Mr. Jacobs served as the Survey Technician for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
09/23 – 12/23	H.015619.5 LA 106: Mr. Jacobs served as the Survey Technician for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods were used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices		
05/23 – 08/23	H.015056 - LA 685: Mr. Jacobs served as the Survey Technician for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015058 - LA 14 BUSINESS: Mr. Jacobs served as the Survey Technician for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
02/23 – 12/23	H.012027.5 - I-20 UPPR: Mr. Jacobs served as s the Survey Technician for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.		
08/22 – 11/22	4400017091 LOUISIANA WATERSHED INITIATIVE REGION 5 – TASK ORDER 3: Mr. Jacobs served as a Survey Technician this Louisiana Watershed Initiative project. He has been responsible for processing field data and creating punch-lists for field crews. CD&C is a sub-consultant on this project.		
01/22 – 11/22	4400017091 LOUISIANA WATERSHED INITIATIVE REGION 5 – TASK ORDER 2: Mr. Jacobs served as working as a Survey Technician this Louisiana Watershed Initiative project. He has been responsible for processing field data and creating punch-lists for field crews. CD&C is a sub-consultant on this project.		

FIRM EMPLOYED BY Civil Design & Construction, Inc. (CD&C)			
NAME	Chancey Cothren, LSI	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	1
TITLE	Land Survey Intern	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	2
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2023 / Geomatics	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		776 / Louisiana / 03-31-2026	
YEAR REGISTERED	2023	DISCIPLINE	Land Surveying Intern
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Survey Data Processing	
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>3 years of experience</i>	<i>Mr. Cothren is a Land Surveying Intern. He will help manage field crews, process field crew data, and finalize deliverables</i>		
12/24 – 04/25	H.014824.5 LA 317 - WAX LAKE B: Mr. Cothren served as a Survey Technician for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.		
10/24 – 01/25	H.015849 US 190 R CUTS @ LA741: Mr. Cothren served as a Survey Technician for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.		
6/23 – 8/23	LA-22: Mr. Cothren was on the survey crew that performed the topographic survey along LA-22. This survey was about four miles long and the data was collected using laser scanning, UAV lidar, and traditional survey methods. Project was completed to LADOTD Location and Survey Standards and practices.		
8/23 – 10/23	I-10 / LA-44: Mr. Cothren was on the survey crew that performed the topographic survey. The survey was just over two miles along I-10 and two miles along LA – 44. Data was collected using lidar and traditional survey methods. Project was completed to LADOTD Location and Survey Standards and practices.		
11/23 – 12/23	GAUSE BLVD / EI-10 SERVICE ROAD: Mr. Cothren was on the survey crew that performed the topographic survey. The survey was just over two miles along EI-10 Service Rd. This project was completed using GPS and Total Station. Project was completed to LADOTD Location and Survey Standards and practices.		
8/22-9/22	USACE: Mississippi river hydrographic survey: Mr. Cothren was on the survey crew that performed hydrographic surveys to locate any submerged obstructions in portions of the river. This project was completed using magnetometers and USV's.		
8/23	USACE: Mississippi river revetment restoration: Mr. Cothren was on the survey crew that performed the surveys needed to locate how much dirt needed to be removed when shaping the levee for the placement of the new revetments. This Project was completed to Louisiana Survey Standards and practices.		
6/23 – 8/23	LA-22: Mr. Cothren was on the survey crew that performed the topographic survey along LA-22. This survey was about four miles long and the data was collected using laser scanning, UAV lidar, and traditional survey methods. Project was completed to LADOTD Location and Survey Standards and practices.		
8/23 – 10/23	I-10 / LA-44: Mr. Cothren was on the survey crew that performed the topographic survey. The survey was just over two miles along I-10 and two miles along LA – 44. Data was collected using lidar and traditional survey methods. Project was completed to LADOTD Location and Survey Standards and practices.		
11/23 – 12/23	GAUSE BLVD / EI-10 SERVICE ROAD: Mr. Cothren was on the survey crew that performed the topographic survey. The survey was just over two miles along EI-10 Service Rd. This project was completed using GPS and Total Station. Project was completed to LADOTD Location and Survey Standards and practices.		
8/22 – 9/22	USACE: Mississippi river hydrographic survey: Mr. Cothren was on the survey crew that performed hydrographic surveys to locate any submerged obstructions in portions of the river. This project was completed using magnetometers and USV's.		

FIRM EMPLOYED BY Civil Design & Construction, Inc. (CD&C)				
NAME	Jacob Stoehr		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	9
TITLE	Senior Survey Party Chief		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	1.5
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: Survey Field Personnel / Party Chief		
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).			
10.5 years of experience	<i>Mr. Stoehr will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.</i>			
12/24 – 04/25	H.014824.5 LA 317 - WAX LAKE B: Mr. Stoehr served as Senior Party Chief on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.			
10/24 – 01/25	H.015849 US 190 R CUTS @ LA741: Mr. Stoehr served as Senior Party Chief on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.			
02/23 – 12/23	H.012027 I 20: Union Pacific RR Overpass: Mr. Stoehr served as a Party Chief on this project. CD&C as a sub-consultant on this project was responsible for topographic survey beginning and ending 5000 feet beyond either end of the approach slab of the I-20 eastbound and westbound subject bridge structure. Terrestrial Laser Scanning was used on all hard surface areas such as Parking Lots, Roadway and Bridge structures, and Union Pacific Railroad rails.			
09/21 – 03/22	H.014747 SOUTHERN UNIVERSITY RAVINE PROTECTION, EAST BATON ROUGE PARISH: Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
07/20 – 04/21	H.001352.5 AND H.002273.5 COMITE RIVER DIVERSION BRIDGE AT LA 67, LA 19 AND LA 19 RAILROAD BRIDGE, EAST BATON ROUGE PARISH: Mr. Stoehr was a Party Chief on this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.			
01/18-01/2020	H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA: Mr. Stoehr is the Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.			
07/17-12/2018	H.010960.5-2, LA 30 ROUNDABOUTS AT TANGER I-10, ASCENSION PARISH, LA: Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
08/16-01/2018	H.011235 I-49 VEROT SCHOOL ROAD, LAFAYETTE, LA: Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
02/19 - 09/19	BRIDGE REPLACEMENTS IN EAST FELICIANA PARISH, RURAL EAST FELICIANA PARISH, LA: Mr. Stoehr served as a Jr. Party Chief on this project for East Feliciana Parish Police Jury. It includes the replacement of 2 bridges which were damaged from flooding and the repairs to many rural roadways throughout the parish. These projects are being funded thru FEMA and all documentation must be in accordance with FEMA's policies and procedures.			
7/17 – 12/18	H.003184.5 I-10 TEXAS STATE LINE EAST OF COONE GULLY: Mr. Stoehr served as an instrument man on this project by aiding the crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			

FIRM EMPLOYED BY Civil Design & Construction, Inc. (CD&C)				
NAME	Drennon Humphreys		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	4
TITLE	Survey Party Chief		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: Survey Field Personnel / Party Chief		
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).			
4 years of experience	<i>Mr. Humphreys will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.</i>			
12/24 – 04/25	H.014824.5 LA 317 - WAX LAKE B: Mr. Humphreys served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.			
10/24 – 01/25	H.015849 US 190 R CUTS @ LA741: Mr. Humphreys served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.			
12/23 – 05/23	H.012618 LA 347 DRAINAGE IMPROVEMENTS: Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.			
09/23 – 12/23	H.015619.5 LA 106: Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods was used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.			
05/23 – 08/23	H.015056 - LA 685: Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.			
05/23 – 08/23	H.015058 - LA 14 BUSINESS: Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.			
02/23 – 12/23	H.012027.5 - I-20 UPPR: Mr. Humphreys served as a Party Chief for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.			
08/22 – Ongoing	4400017091 LOUISIANA WATERSHED INITIATIVE REGION 5 – TASK ORDER 3: Mr. Humphreys is working as a Party Chief on this Louisiana Watershed Initiative project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.			
01/21 – 06/21	H.013959 REEDS BRIDGE RD. CALCASIEU RIVER RELIEF, ALLEN PARISH, LA: Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.			

FIRM EMPLOYED BY Civil Design & Construction, Inc. (CD&C)			
NAME	Alex Wells	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	5
TITLE	Survey Party Chief	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: Survey Field Personnel / Party Chief	
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>5 years of experience</i>	<i>Mr. Wells joined CD&C in 2020 as a Rodman and has worked his way up to Party Chief. He will work managing a crew to collect topographic data in accordance with LADOTD code book and standard procedures.</i>		
12/24 – 04/25	H.014824.5 LA 317 - WAX LAKE B: Mr. Wells served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.		
10/24 – 01/25	H.015849 US 190 R CUTS @ LA741: Mr. Wells served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.		
12/23 – 05/23	H.012618 LA 347 DRAINAGE IMPROVEMENTS: Mr. Wells served as a Party Chief for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
09/23 – 12/23	H.015619.5 LA 106: Mr. Wells served as a Party Chief for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods was used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015058 - LA 14 BUSINESS: Mr. Wells served as a Party Chief for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
02/23 – 12/23	H.012027.5 - I-20 UPPR: Mr. Wells served as a Party Chief for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.		
09/21 – 03/22	H.014747 SOUTHERN UNIVERSITY RAVINE PROTECTION, EAST BATON ROUGE PARISH: Mr. Wells served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
08/21 – Ongoing	H.011833.5 ST. MARY STREET SIDEWALKS; SCOTT, LA: Mr. Wells served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
09/22 – 01/23	BRMA NORTHWEST AVIATION DEVELOPMENT: Mr. Wells served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		
07/20 – 10/21	H.013989 GREYBOW RD. PALMETTO CREEK: Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.		

FIRM EMPLOYED BY		Civil Design & Construction, Inc. (CD&C)	
NAME	Hunter Smith	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	3
TITLE	Survey Party Chief	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: Survey Field Personnel / Party Chief	
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).		
3 years of experience	<i>Mr. Smith joined CD&C in 2022 as a Rodman and has worked his way up to a Party Chief. He will work managing a crew to collect topographic data in accordance with LADOTD code book and standard procedures.</i>		
12/24 – 04/25	H.014824.5 LA 317 - WAX LAKE B: Mr. Smith served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.		
10/24 – 01/25	H.015849 US 190 R CUTS @ LA741: Mr. Smith served as a Party Chief for this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.		
12/23 – 05/23	H.012618 LA 347 DRAINAGE IMPROVEMENTS: Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
09/23 – 12/23	H.015619.5 LA 106: Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods was used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015056 - LA 685: Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
05/23 – 08/23	H.015058 - LA 14 BUSINESS: Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.		
09/21 – 03/22	H.014747 SOUTHERN UNIVERSITY RAVINE PROTECTION, EAST BATON ROUGE PARISH: Mr. Smith served as an Instrument Man for this project. He helped in collecting of topographic data in the field utilizing LADOTD Field Codes.		
08/22 – Ongoing	4400017091 LOUISIANA WATERSHED INITIATIVE REGION 5 – TASK ORDER 3: Mr. Smith served as an Instrument Man for this project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.		
02/23 – 12/23	H.012027.5 - I-20 UPPR: Mr. Smith served as an Instrument Man for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.		

FIRM EMPLOYED BY		A P S Engineering and Testing, LLC	
NAME	Sergio Aviles, PE, M. ASCE	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	14
TITLE	President / Geotechnical Manager	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	10
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 2001 / Civil Engineering / Geotechnical	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		33571 / Louisiana / 03-31-2026	
YEAR REGISTERED	2007	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Geotechnical Manager/Designer/Field Crew and Lab Management	
EXPERIENCE DATES (MM/YY–MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).		
24 years of experience	<p><i>Mr. Sergio Aviles, P.E. is the President and Geotechnical Manager of A P S Engineering and Testing, LLC, and has extensive expertise in slope stability analysis, embankment settlement calculations, mechanically stabilized earthen (MSE) wall design, pile design, sheet pile design, pile integrity testing, and Pile Dynamic Analyzer (PDA). Since founding A P S fourteen years ago, Mr. Aviles has led geotechnical engineering, laboratory testing and materials testing projects statewide for both government agencies and private clients. His professional portfolio includes the design and construction supervision of complex infrastructure projects throughout Louisiana, ensuring technical accuracy, adherence to DOTD specifications, and the highest standards of quality control.</i></p>		
09/19–Ongoing	<p>PROJECT NO. H.0041005.5 AND .6: I-10 LA415 to Essen Lane on I-10 and I-12: The Geotechnical Investigation comprised the advancement of 77 deep borings along the project alignment, spanning from the Washington Street Exit to the LSU Lakes. A P S performed 16 over-water borings utilizing barge-mounted drilling platforms and 61 land-based borings using truck-mounted rigs. Subsurface characterization included Shelby tube sampling, Standard Penetration Testing (SPT), and split-spoon recovery to obtain representative soil profiles. Laboratory testing included approximately 1,000 tests, including Unconsolidated Undrained (UU) Triaxial Compression tests for shear strength evaluation and Atterberg Limits for plasticity classification, in accordance with ASTM standards. Pile foundation performance was assessed through dynamic testing services, including Pile Driving Analyzer (PDA) instrumentation and signal matching via CAPWAP analysis. These tests provided real-time data on pile capacity, drivability, and soil-pile interaction, supporting axial load design and installation recommendations. Mr. Aviles serve as Geotechnical Manager, providing technical oversight across all phases—from field exploration and lab testing to analysis and reporting. His leadership ensured conformance with DOTD specifications, QA/QC protocols, and schedule adherence.</p>		
06/20–04/23	<p>RURAL BRIDGE REPLACEMENT INITIATIVE PHASE I: The scope included geotechnical investigation and design for the replacement of 60 bridge structures along the LA state highway system. Geotechnical Investigation consisted of drilling, laboratory testing, soil classification, and site characterization. Engineering analysis included slope stability analysis (when applicable) and pile capacity analysis for foundations to support the new bridge structures. Mr. Aviles served as Geotechnical Manager for the Geotechnical Investigations and Design Team, overseeing every phase of the project with hands-on leadership to ensure technical excellence and on-time delivery.</p>		
03/19–05/25	<p>PROJECT NO. H.001344 US 190: LA 437 to US 190 BUS: A P S was selected as part of the winning team for the Geotechnical Investigation and Design of the proposed new bridge. The scope of work included the drilling and testing of 19 deep borings to support bridge foundation design recommendations. In addition to deep foundation investigations, A P S performed site-specific testing of subsurface soils, base materials, and concrete placement zones to evaluate compliance with structural and geotechnical performance criteria. Laboratory testing supported classification, strength, and constructability assessments for proposed bridge elements. A P S also provided PDA instrumentation, testing, and CAPWAP analysis. Mr. Aviles served as Geotechnical Manager for the investigation and design team. He provided direct oversight of field operations, laboratory analysis, and engineering deliverables, ensuring technical accuracy, and timely completion across all phases of the project. overseeing every phase of the project with hands-on leadership to ensure technical excellence and on-time delivery.</p>		
09/21–05/24	<p>PORT HUDSON-PRIDE ROAD (LA-964 – LA-19): The scope included Geotechnical Investigation to enable an evaluation of an acceptable foundation for the proposed pavement rehabilitation and new bridge. A total of 26 borings were drilled and tested for Geotechnical recommendations for the City of Baton Rouge. Mr. Aviles served as Geotechnical Manager for the investigation and Design Team, overseeing every phase of the project with hands-on leadership to ensure technical excellence and on-time delivery.</p>		

FIRM EMPLOYED BY A P S Engineering and Testing, LLC			
NAME	Sairam Eddanapudi, P.E., M.E.	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	14
TITLE	Chief Geotechnical Engineer	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	9
DEGREE(S) / YEARS / SPECIALIZATION		B.E. / 1999 / Civil Engineering; M.E. / 2002 / Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		35129 / Louisiana / 03-31-2026	
YEAR REGISTERED	2009	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Chief Geotechnical Engineer/Design Engineer/Laboratory QA 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).		
23 years of experience	<p><i>Mr. Sairam (Sai) Eddanapudi, P.E. serves as Chief Engineer at A P S Engineering and Testing, LLC, and brings 23 years of experience in geotechnical and civil engineering, with specialized expertise in advanced geotechnical laboratory testing, quality control, and personnel training. Mr. Eddanapudi earned his Master of Science in Civil Engineering from Lamar University and a Bachelor of Technology in Civil Engineering from India (1999). At A P S, Mr. Eddanapudi does the Quality Assurance by overseeing all geotechnical laboratory operations, ensuring testing accuracy and compliance with DOTD, ASTM, and AASHTO standards. His responsibilities include training laboratory personnel, managing Geosystems data integration, and overseeing calibration and maintenance of laboratory testing equipment to guarantee reliable results. His professional design experience includes roadways, bridges, levees, and T-walls, as well as both shallow and deep foundations. His field expertise covers quality control inspections for auger cast piles, drilled shafts, soil, and concrete. Mr. Eddanapudi is proficient in a wide range of engineering software, including Slope/W (2004, 2007, and 2024 versions) for slope stability analysis, Seep/W for seepage analysis, DRIVEN 1.4 for driven pile analysis, MicroStation V8, CWALSHT and FS004 for Slope stability, Swell Potential analysis for expansive soils, drilled shaft design software, auger cast pile analysis, AASHTO pavement design, slope analysis, and differential settlement evaluation. Mr. Eddanapudi's combination of technical expertise, leadership in laboratory operations, and commitment to quality ensures that A P S delivers accurate, dependable, and timely geotechnical data to support DOTD project success.</i></p>		
09/19–Ongoing	<p>PROJECT NO. H.0041005.5 AND .6: I-10 LA415 to Essen Lane on I-10 and I-12: The Geotechnical Investigation comprised the advancement of 77 deep borings along the project alignment, spanning from the Washington Street Exit to the LSU Lakes. A P S performed 16 over-water borings utilizing barge-mounted drilling platforms and 61 land-based borings using truck-mounted rigs. Subsurface characterization included Shelby tube sampling, Standard Penetration Testing (SPT), and split-spoon recovery to obtain representative soil profiles. Laboratory testing included approximately 1,000 tests, including Unconsolidated Undrained (UU) Triaxial Compression tests for shear strength evaluation and Atterberg Limits for plasticity classification, in accordance with ASTM standards. Pile foundation performance was assessed through dynamic testing services, including Pile Driving Analyzer (PDA) instrumentation and signal matching via CAPWAP analysis. These tests provided real-time data on pile capacity, drivability, and soil-pile interaction, supporting axial load design and installation recommendations. Mr. Eddanapudi serves as Chief Engineer for the Project Design Team, providing technical Design leadership and managing quality assurance for all laboratory testing to ensure accuracy, compliance, and reliability of geotechnical data. His leadership ensured conformance with DOT specifications, QA/QC protocols, and schedule adherence.</p>		
06/20–04/23	<p>RURAL BRIDGE REPLACEMENT INITIATIVE PHASE I: The scope included geotechnical investigation and design for the replacement of 60 bridge structures along the LA state highway system. Geotechnical Investigation consisted of drilling, laboratory testing, soil classification, and site characterization. Engineering analysis included slope stability analysis (when applicable) and pile capacity analysis for foundations to support the new bridge structures. Mr. Eddanapudi served as Chief Engineer for the Project Design Team, providing technical Design leadership and managing quality assurance for all laboratory testing to ensure accuracy, compliance, and reliability of geotechnical data.</p>		
03/19–05/25	<p>PROJECT NO. H.001344 US 190: LA 437 to US 190 BUS: A P S was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for foundation recommendations. The scope also includes conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed structures. Mr. Eddanapudi served as Chief Engineer for the Project Design Team, providing technical Design leadership and managing quality assurance for all laboratory testing to ensure accuracy, compliance, and reliability of geotechnical data.</p>		

FIRM EMPLOYED BY A P S Engineering and Testing, LLC			
NAME	Surendra Pathak, P.E., M.S.	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	11
TITLE	Senior Supervisor Engineer	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	10
DEGREE(S) / YEARS / SPECIALIZATION		B.E. / 1998 / Civil Engineering; MSCE / 2013 / Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		43487 / Louisiana / 09-30-2025	
YEAR REGISTERED	2019	DISCIPLINE	Civil Engineer
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Senior Supervisor Engineer/Design Engineer/QA-QC Field Testing, PDA testing leader.	
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>21 years of experience</i>	<p><i>Mr. Surendra Pathak serves as Senior Supervisor Engineer at A P S Engineering and Testing, LLC, and brings 21 years of experience in geotechnical engineering, with specialized expertise in Pile Driving Analyzer (PDA) testing and field quality control. Mr. Pathak holds a Master of Science in Civil Engineering from Mississippi State University (2013), a second M.S. in Civil Engineering from the Norwegian University of Science and Technology (2007), and a Bachelor of Engineering in Civil Engineering from Madan Mohan Malaviya University of Technology, India (1998). His technical experience spans the geotechnical design of roadways, bridges, levees, and T-walls, as well as the design and analysis of shallow and deep foundation systems. In the field, Mr. Pathak has directed and performed quality control inspections for auger cast piles, drilled shafts, soil, and concrete testing, and Pile Driving Analyzer (PDA) testing operations for driven pile testing, including data collection, real-time analysis, and coordination with project engineers to establish pile driving criteria. As a senior field leader at A P S, Mr. Pathak ensures that all foundation testing and construction activities meet DOTD specifications, applying both his technical expertise and on-site leadership to support successful project delivery.</i></p>		
09/19–Ongoing	<p>PROJECT NO. H.0041005.5 AND .6: I-10 LA415 to Essen Lane on I-10 and I-12: The Geotechnical Investigation comprised the advancement of 77 deep borings along the project alignment, spanning from the Washington Street Exit to the LSU Lakes. A P S performed 16 over-water borings utilizing barge-mounted drilling platforms and 61 land-based borings using truck-mounted rigs. Subsurface characterization included Standard Penetration Testing (SPT), Shelby tube sampling, and split-spoon recovery to obtain representative soil profiles. Laboratory testing included approximately 1,000 tests, including Unconsolidated Undrained (UU) Triaxial Compression tests for shear strength evaluation and Atterberg Limits for plasticity classification, in accordance with ASTM standards. Pile foundation performance was assessed through dynamic testing services, including Pile Driving Analyzer (PDA) instrumentation and signal matching via CAPWAP analysis. These tests provided real-time data on pile capacity, drivability, and soil-pile interaction, supporting axial load design and installation recommendations. Mr. Pathak serves as the Senior Supervisor Engineer on the Project Design Team, providing foundation design expertise, and acted as Team Leader for Pile Dynamic Analyzer (PDA) testing and analysis.</p>		
06/20–04/23	<p>RURAL BRIDGE REPLACEMENT INITIATIVE PHASE I: The scope included geotechnical investigation and design for the replacement of 60 bridge structures along the LA state highway system. Geotechnical Investigation consisted of drilling, laboratory testing, soil classification, and site characterization. Engineering analysis included slope stability analysis (when applicable) and pile capacity analysis for foundations to support the new bridge structures. Mr. Pathak served as the Senior Supervisor Engineer on the Project Design Team, providing foundation design expertise.</p>		
03/19–05/25	<p>PROJECT NO. H.001344 US 190: LA 437 to US 190 BUS: A P S was selected as part of the winning team for the Geotechnical Investigation and Design of the proposed new bridge. The scope of work included the drilling and testing of 19 deep borings to support bridge foundation design recommendations. In addition to deep foundation investigations, A P S performed site-specific testing of subsurface soils, base materials, and concrete placement zones to evaluate compliance with structural and geotechnical performance criteria. Laboratory testing supported classification, strength, and constructability assessments for proposed bridge elements. A P S also provided PDA instrumentation, testing, and CAPWAP analysis. Mr. Pathak served as the Senior Supervisor Engineer on the Project Design Team, providing foundation design expertise, and acted as Team Leader for Pile Dynamic Analyzer (PDA) testing and analysis.</p>		
11/19–12/23	<p>PROJECT NO. H.010155: US 90 Railroad Overpass SE of LA 85- A P S was selected as part of the winning team for the Geotechnical Investigation and Design for the proposed new overpass. A total of 12 deep borings were drilled and tested for Geotechnical recommendations. Mr. Pathak served as the Senior Supervisor Engineer on the Project Design Team, providing foundation design expertise.</p>		

FIRM EMPLOYED BY Vectura Consulting Services, LLC				
NAME	Sheelagh Brin Ferlito, PE, PTOE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	10
TITLE	Supervisor-Eng		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	27
DEGREE(S) / YEARS / SPECIALIZATION		B.S. / 1988 / Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		25383 / Louisiana / 09-30-2025		
YEAR REGISTERED	1993	DISCIPLINE	Civil Engineer	
CONTRACT ROLE(S) / BRIEF DESCRIPTION OF RESPONSIBILITIES		Role on this Project: Traffic		
EXPERIENCE DATES (MM/YY-MM/YY)	EXPERIENCE AND QUALIFICATIONS RELEVANT TO THE PROPOSED CONTRACT; I.E., "DESIGNED DRAINAGE", "DESIGNED GIRDERS", "DESIGNED INTERSECTION", ETC. EXPERIENCE DATES SHOULD COVER THE YEARS OF EXPERIENCE SPECIFIED IN THE APPLICABLE MPR(S).			
07/21 - current	H.007160 - EBR COMPUTERIZED TRAFFIC SIGNAL, PHASE VB (BATON ROUGE, LA): Brin is the task leader for Vectura for the Construction Engineering and Inspection of 24 traffic signals. Brin oversaw the review of signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Brin and Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.			
07/19 – current	MOVEBR NEW CAPACITY PROJECTS PROGRAM MANAGEMENT (BATON ROUGE, LA): Brin is the lead traffic engineer for entire the New Capacity Projects program management team. All traffic engineering scope of services, traffic / speed data collection, traffic design studies, safety studies, and traffic signal design plans are reviewed by Brin. She is in constant communication with the Traffic Engineering staff of DOTD and EBR Traffic Engineering Department. She understands the current requirements for all aspects of traffic engineering projects.			
07/19 – current	H.004791 DOTD BELLE CHASSE BRIDGE & TUNNEL REPLACEMENT PPP (BELLE CHASSE, LA): Brin is the project manager for the temporary and permanent traffic signal plans for the intersections of LA 23 at Burmaster St and at Engineers Rd. She based her traffic signal plans on design year volumes that were developed using growth rates from the New Orleans Regional Planning Commission Travel Demand Model. This project is the first ever Public-Private-Partnership performed by DOTD.			
09/20 – 12/21	H.010960.5 LA 30 ROUNDABOUTS AT TANGER I-10 (ASCENSION PARISH, LA): Brin is the project manager for the design of temporary traffic signal plans that will be implemented during the roundabout construction along LA 30 in Gonzales, LA. The project involves replacing three existing signalized intersections with multilane roundabouts along LA 30 at I-10 Interchange ramps and at Tanger Boulevard. Vectura also developed signal timing plans for each phase of the construction to maintain progression along LA 30.			
07/18 – 04/19	LA 1 PEDESTRIAN CROSSWALK STUDY AND TRAFFIC / PEDESTRIAN SIGNAL DESIGN WEST BATON ROUGE PARISH, ADDIS, LA: Brin developed a Pedestrian Crosswalk Study and Traffic Signal Construction Plans for the intersection of LA 1 at LA 990 in Addis, LA. The study was based on DOTD Traffic Engineering Manual Crosswalk Guidelines followed by traffic signal design plans based on DOTD requirements. The study included traffic and pedestrian traffic data collection, a speed study, crash analyses, intersection analyses and progression analyses. The signal plans included pedestrian signal equipment, signal timing parameter calculations, crosswalk striping, signs, DOTD pay items, estimated quantities, and construction cost. Brin also assisted with the Parish with the DOTD Permit Request for Intersection Control Devices on a State Right of Way.			
09/17-04/18	US 11 AT US 190 BUS. (FREMAUX AVE.) PEDESTRIAN CROSSWALK STUDY AND TRAFFIC / PEDESTRIAN SIGNAL EQUIPMENT DESIGN SLIDELL, LA: Brin developed a formal traffic study for a proposed crosswalk with pedestrian traffic signal equipment and pedestrian clearance timings based on DOTD requirements. Brin assisted with vehicle and pedestrian data collection, spot speed study, analyzed 3-year intersection crash data and developed signal timing for pedestrians to cross the street. From the design study, a set of Traffic Signal Modification Plans were developed to implement the recommended alternative.			
04/14 – 12/14	H.002301 SIGNAL DESIGN FOR N. SHERWOOD FOREST DR. WIDENING PROJECT (BATON ROUGE, LA): As the project engineer, Brin was in responsible charge for data collection and design for three signalized intersections as part of a road widening project as per EBR DPW and DOTD requirements. Ms. Ferlito developed the traffic signal equipment, signal timing and communication construction plans, special provision specifications, quantities, and cost estimate. She also performed tasks to develop the striping plans and sequence of construction plans which included temporary signal equipment placement due to lane shifts during construction.			

17. Firm Experience

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

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

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

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

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

Firm Members Involved: Jerome Lohmann, PE



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

* If there is more than one discipline included in the proposal, then indicate which discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The only disciplines to be used are: Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic.

FIRM NAME	G.E.C., Inc.		DISCIPLINE(S)*	Road	**
PROJECT NAME	WB Veterans: Severn Ave - Clearview Pkwy			FIRM RESPONSIBILITY (PRIME OR SUB?)	Prime
PROJECT NUMBER	H.012789	OWNER'S NAME	Jefferson Parish Government		
PROJECT LOCATION	Jefferson Parish, Louisiana		OWNER'S PROJECT MANAGER	Mark Drewes	
OWNER'S ADDRESS, PHONE, EMAIL	Yenni Building, 1221 Elmwood Park Blvd, Jefferson, LA, (985) 736-6505				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	2016	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)			\$ 171
SERVICES COMPLETED BY THIS FIRM (MM/YY)	2017	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)			\$ 171

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

GEC designed the **mill and overlay** of the existing 3 lanes, shoulder, u-turn and left turn lanes on westbound Veterans Blvd. from the intersection with Severn Ave. to Clearview Pkwy. GEC also designed **two new drainage systems along with graphical grades** to reduce ponding along the roadway. This project was funded by the Department of Transportation and Development (LADOTD) and therefore was designed to LADOTD standards and **PRR guidelines** utilizing letter (8.5x11) plan sheets. A SWPPP was prepared in accordance with LADOTD requirements and a programmatic categorical exclusion was issued by LADOTD. The construction cost of this project was \$2.88 million and was completed in 2017.

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



This GEC project demonstrates our knowledge of PRR guidelines.

* If there is more than one discipline included in the proposal, then indicate which discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The only disciplines to be used are: Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic.

G.E.C., INC.

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

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

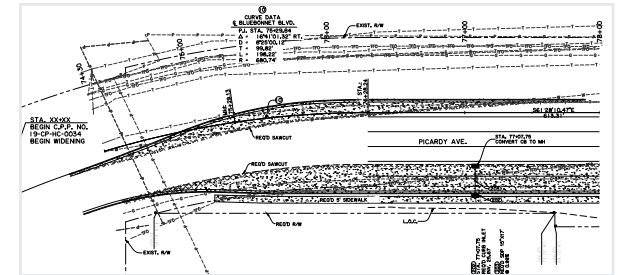
GEC completed a design study, preliminary plans, and is currently 95% complete with the final design for the widening of Bluebonnet Blvd. from Perkins Road to Picardy Avenue and replacement of the existing bridges over Dawson Creek in accordance with MOVEBR Design Guidelines and the LADOTD Road Design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

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

GEC's design includes widening from four-lanes to a six-lane, curb and gutter boulevard with protected turn lanes, subsurface drainage, green infrastructure, and pedestrian facilities. To improve safety for both vehicular and pedestrian traffic, GEC consolidated and removed driveways and altered parking encroachments along the corridor for improved access management principles. GEC's design includes a 10-ft. wide shared use path on the west side, a 5-ft. wide sidewalk on the east side, painted bike lanes, roadway markings, flashing beacons, bus stops, refuge islands, roadway warning lights, high visibility crosswalks, and planting buffers for improved pedestrian safety, accessibility, and mobility to area facilities. Other safety features implemented in GEC's design includes extended turn lanes, upgraded signage, signal improvements, highly visible lane markings, protected merge and turn lanes, and rumble strips. GEC staff performed a level 2 Transportation Management Plan (TMP).

GEC also provided a hydraulic analysis for the Dawson Creek Bridge replacement and a study of the existing bridge over Dawson Creek to determine whether the bridge should be widened or replaced in accordance with Part 1, Chapter 6 of the LADOTD BDEM. GEC recommended that the existing bridge be replaced. The new precast prestressed (LG type) girder bridges will provide five lanes of traffic (three through and two turn lanes) in the southbound direction and three lanes of through traffic in the northbound direction. The pedestrian facilities will continue across the bridges and will feature barriers to separate pedestrians/bicyclists from vehicular traffic. GEC is also participating in public and other agency meetings.

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



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

* If there is more than one discipline included in the proposal, then indicate which discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The only disciplines to be used are: Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic.

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

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

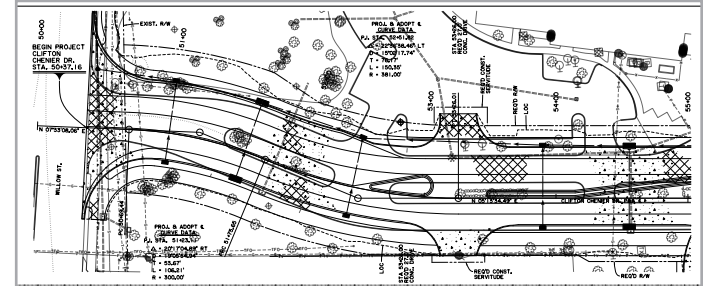
GEC is providing preliminary and final construction plans in accordance with AASHTO Standards and the LADOTD Road Design Manual for **improvements to the Willow Street Area Improvements Street** in Lafayette, LA. This project is one portion of the overall I-49 Connector corridor project under which LA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

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

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

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

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



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G.E.C., INC.

FIRM NAME	G.E.C., Inc.		DISCIPLINE(S)*	Road	**
PROJECT NAME	LASAFE Airline and Main Complete Streets			FIRM RESPONSIBILITY (PRIME OR SUB?)	Prime
PROJECT NUMBER	N/A	OWNER'S NAME	St. John the Baptist Parish		
PROJECT LOCATION	Laplace, Louisiana	OWNER'S PROJECT MANAGER	Peter Montz		
OWNER'S ADDRESS, PHONE, EMAIL	1811 W. Airline Hwy., LaPlace, Louisiana 70068, 985-359-1037				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	09/19	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)	\$ 1,241		
SERVICES COMPLETED BY THIS FIRM (MM/YY)	07/24	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)	\$ 996		

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

GEC provided all necessary engineering design for the Airline and Main Complete Streets project, a resilient infrastructure and community nonstructural mitigation/flood risk reduction project in LaPlace. The vision for this project is to serve as an example project of how to plan for a future of heightened flood risk in a low risk area by incorporating storm water management strategies into public infrastructure projects while providing residents with enhanced active transportation options for the corridor, providing an opportunity to retrofit the corridor into a more walkable, livable space while allowing consistency with LADOTD project guidelines. The scope of services ranged from civil engineering design, environmental engineering, traffic engineering, topographic survey in accordance with LADOTD standards, SUE, geotechnical investigation, water and sanitary sewer relocation, and landscaping services (green infrastructure component along the drainage ditches), along with bidding, construction administration, and resident inspection services. Funding for this project was secured through the National Disaster Resilience Competition (NDRC), sponsored by the U.S. Department of Housing and Urban Development (HUD) for LASAFE – Louisiana's Strategic Adaptations for Future Environments.

GEC developed typical sections and preliminary layout, which consisted of a 10' and 5' sidewalk along the north side of US 61. Existing ditches had pipes added and were reshaped to provide detention ponds to reduce time of concentration. Along Main St. (LA 44), GEC designed parallel parking utilizing decorative brick and permeable base to reduce time of concentration. **LA 44 was also rehabbed with a mill and overlay.** GEC also performed the design and illumination of the shared use path along Airline Highway that connects to Main St. (LA 44) and accommodates pedestrians and bicyclists. This included additional illumination design for the park which contains educational components related to LASAFE strategies incorporated into the design. This project included a **Level 2 Transportation Management Plan (TMP).**

GEC conducted field surveys for a wetland delineation within the project footprint and prepared a wetland delineation report that was submitted to the New Orleans Corps of Engineers to request a Preliminary Jurisdictional Determination (JD). GEC also prepared and submitted Corps of Engineers Section 404 Wetland permit application, Louisiana Department of Natural Resources Coastal Use permit application, and requested a Letter of No Objection from the Pontchartrain Levee Board for activities proposed within 1,500 feet of the Mississippi River Main Line Levee. GEC coordinated with all three agencies through the completion of each permit or request.

GEC engineers calculated preliminary quantities and developed a preliminary estimated construction cost. The final engineering plans and specifications were completed in accordance with the LADOTD Roadway Design Procedures and Details Manual. Additionally, staff developed fees for all costs from surveying to construction.

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



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

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FIRM NAME	Civil Design & Construction, Inc.		DISCIPLINE(S)*	Survey	**
PROJECT NAME	Verot School Road			FIRM RESPONSIBILITY (PRIME OR SUB?)	Sub
PROJECT NUMBER	H.011235	OWNER'S NAME	DOTD		
PROJECT LOCATION	Lafayette, LA		OWNER'S PROJECT MANAGER	Thomas Gattle (Huval & Assoc.)	
OWNER'S ADDRESS, PHONE, EMAIL	922 W. Point Des Mouton Rd., Lafayette, LA 70507/337-234-3798/tgattle@huvalassoc.com				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	08/16	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)	N/A		
SERVICES COMPLETED BY THIS FIRM (MM/YY)	On-Going	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)	\$435		

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

Project Description: This project is located in Lafayette Parish between Lafayette Regional Airport and Broussard, LA. The project is for the proposed widening of US 90/I-49 South and realignment of Verot School Road. A topographic survey was performed along the entire proposed route as well as an existing drainage map. This included a complete topographic survey of all utilities with depths, drainage and finished floor elevations of all buildings that fell within the designated survey limits. Also, CD&C was required to coordinate with the topographic survey of the adjacent I-49 Connector project and include required portions of the I-49 Connector project with the survey of this project.

CD&C's Role: CD&C performed a complete topographic survey of the project site by using 3D Terrestrial Scanning in conjunction with traditional means to complete the survey. Control was set for the scanning throughout the project limits. Coordination with Cardno, Inc. (Team member) was necessary for the location of all utilities in the project area. CD&C also coordinated with all the property owners for access to the properties and also meet with safety advisors for the industrial business that were impacted. The survey included coordination with the ongoing I-49 Connector project and merging of that survey to the CD&C survey in order to make a complete project for the area. CD&C also researched and compiled existing right of way linework for the prime consultant to use for exhibits for the project. In order to complete the survey CD&C also had to coordinate with BNSF railroad for access to BNSF's rail.



Firm Members Involved: Karla Weston, PE; Christopher Ballard, PLS Survey PM; Madison Mills, PLS, Surveyor; Jacob Stoehr, Party Chief; Scott Benton, 3D Scan Technician

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G.E.C., INC.

FIRM NAME	Civil Design & Construction, Inc.		DISCIPLINE(S)*	Survey	**
PROJECT NAME	LA 317 - Wax Lake B			FIRM RESPONSIBILITY (PRIME OR SUB?)	Sub
PROJECT NUMBER	H.014824.5	OWNER'S NAME	DOTD		
PROJECT LOCATION	St. Mary Parish, Louisiana		OWNER'S PROJECT MANAGER	Adam Fields (Stanley Consultants)	
OWNER'S ADDRESS, PHONE, EMAIL	700 Main Street Baton Rouge, LA 70802 / 225-387-2422 / FieldsAdam@stanleygroup.com				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	12/24	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)			N/A
SERVICES COMPLETED BY THIS FIRM (MM/YY)	04/25	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)			\$162

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

Project Description: CD&C was a sub-consultant on this project and was responsible for a complete topographic survey, utility coordination with utility companies to mark or provide record drawings and to provide an existing drainage map to LADOTD Location and Survey standards. The survey started 1.60 miles south of the intersection of La 317 and US 90. The survey continued along US 90 for 2.3 miles north of the intersection of La 182. The width of the survey was five feet behind the right of way to the apparent right of way of all crossing streams, canals, and 500 feet from any drainage structure.

CD&C's Role: The scope of work consists of providing a complete topographic survey. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.



Firm Members Involved: Karla Weston, PE; Madison Mills, PLS; Brad Jacobs, EI; Chancey Cothren LSI; Scott Benton; CJ Goodspeed; Jake Stoehr; Drennon Humphreys; Alex Wells; Hunter Smith

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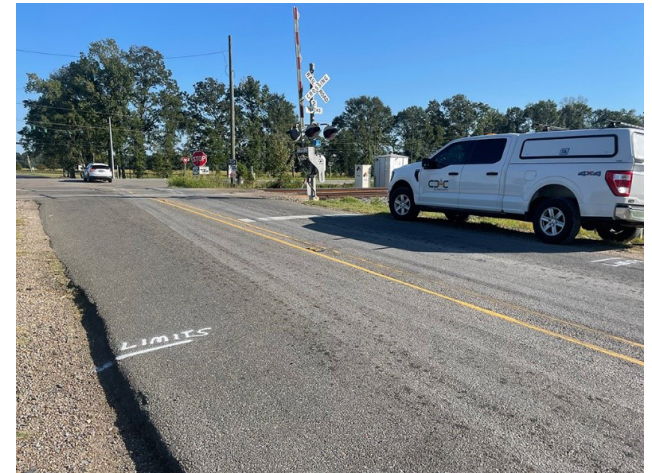
G.E.C., INC.

FIRM NAME	Civil Design & Construction, Inc.		DISCIPLINE(S)*	Survey	**
PROJECT NAME	US 190 R Cuts @ LA741			FIRM RESPONSIBILITY (PRIME OR SUB?)	Sub
PROJECT NUMBER	H.015849	OWNER'S NAME	DOTD		
PROJECT LOCATION	St. Landry Parish, Port Barre, LA		OWNER'S PROJECT MANAGER	Adam Fields (Stanley Consultants)	
OWNER'S ADDRESS, PHONE, EMAIL	700 Main Street Baton Rouge, LA 70802 / 225-387-2422 / FieldsAdam@stanleygroup.com				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	10/24	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)	N/A		
SERVICES COMPLETED BY THIS FIRM (MM/YY)	01/25	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)	\$92		

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

Project Description: CD&C was a sub-consultant on this project and was responsible for a complete topographic survey, utility coordination with utility companies to mark or provide record drawings and to provide an existing drainage map to LADOTD Location and Survey standards. The survey started 1700 feet west of the intersection of the US 190 and La 741. The survey then proceeded West along US 190. In addition, the survey was 10 feet north of the right of way line of US 190 to the toe of the Union Pacific Railroad. The survey then extended north along La 741 for 200 feet, then south from centerlines to a distance of 180 feet.

CD&C's Role: The scope of work consists of providing a complete topographic survey. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.



Firm Members Involved: Karla Weston, PE; Madison Mills, PLS; Brad Jacobs, EI; Chancey Cothren LSI; Scott Benton; CJ Goodspeed; Jake Stoehr; Drennon Humphreys; Alex Wells; Hunter Smith

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G.E.C., INC.

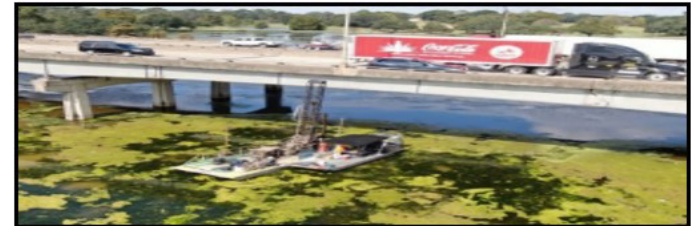
FIRM NAME	A P S Engineering and Testing, LLC		DISCIPLINE(S)*	Geotech	**
PROJECT NAME	I-10 Widening LA 415 to Essen LN			FIRM RESPONSIBILITY (PRIME OR SUB?)	Prime
PROJECT NUMBER	H.004100	OWNER'S NAME	DOTD		
PROJECT LOCATION	Baton Rouge, Louisiana		OWNER'S PROJECT MANAGER	Kristy Smith, P.E.	
OWNER'S ADDRESS, PHONE, EMAIL	1201 Capital Access Rd., Baton Rouge, LA 70802-4438/ 225-379-1016/ kristy.smith2@ls.gov				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	09/19	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)	N/A		
SERVICES COMPLETED BY THIS FIRM (MM/YY)	Ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)	\$600K		

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

SCOPE- Comprehensive Geotechnical Investigation and Design Support-A P S Engineering and Testing, LLC performed a comprehensive geotechnical investigation to provide the client with all necessary subsurface information for the planning and design of the I-10 widening project between the Washington Street Exit and LSU Lakes. The scope included the drilling and sampling of 77 deep borings, consisting of 16 over-water borings and 61 land borings, strategically located to address anticipated deep foundation and MSE Walls design needs. Our field operations incorporated multiple drilling techniques to address varying site conditions, and all sampling was conducted in accordance with ASTM and DOTD standards. The project required complex over-water operations with specialized equipment mobilization and safety compliance procedures. Laboratory testing was performed exclusively in our AASHTO-Accredited Geotechnical Laboratory, including:

- Soil Classification – ASTM D2487 (Unified) / ASTM D3282 (AASHTO)
- Natural Moisture Content – ASTM D2216
- Liquid limit, plastic limit, and plasticity index (ASTM D4318)
- Grain Size Analyses – ASTM D422
- Minus No. 200 Wash Sieve Analysis – ASTM D1140
- Unconsolidated Undrained (UU) Triaxial Tests – ASTM D2850
- One-Dimensional Consolidation Testing – ASTM D2435
- Specific Gravity – ASTM D854

All results were subjected to QA/QC review by senior geotechnical engineers, ensuring that the design team received reliable engineering parameters for design. As a result, a geotechnical report was prepared with site-specific design recommendations for deep foundations, embankment stability, and MSE wall structures, enabling the client to move forward with confidence in the design phase.



Firm Members Involved: Sergio Aviles, P.E. – Geotechnical Manager, Sai Eddanapudi, M.E., P.E. - Chief Engineer, Surendra Pathak, P.E.- Senior Geotechnical Engineer, Amanda Linton-Laboratory Testing Supervisor, Van George- Head Driller

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G.E.C., INC.

FIRM NAME	A P S Engineering and Testing, LLC		DISCIPLINE(S)*	Geotech	**
PROJECT NAME	Comite River Diversion Bridge at LA-67, LA-19 and LA-19 Railroad Bridge			FIRM RESPONSIBILITY (PRIME OR SUB?)	Sub
PROJECT NUMBER	H.001352; H.002273	OWNER'S NAME	Huval & Associates, Inc.		
PROJECT LOCATION	East Baton Rouge, Louisiana		OWNER'S PROJECT MANAGER	Thomas M. Gattles III, P.E.	
OWNER'S ADDRESS, PHONE, EMAIL	922 West Pont des Mouton Rd., Lafayette, LA 70507 / 337-264-3798/ tgattle@huvalassoc.com				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	11/19	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)	N/A		
SERVICES COMPLETED BY THIS FIRM (MM/YY)	06/22	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)	150K		

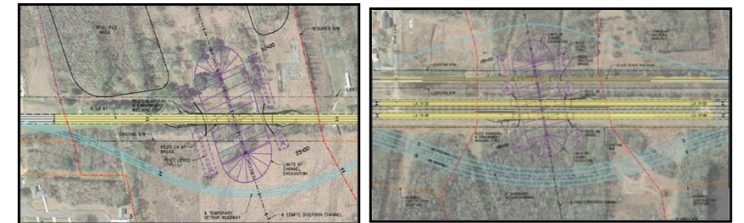
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

SCOPE – Comprehensive Geotechnical Investigation and Design Support-A P S Engineering and Testing, LLC provided complete geotechnical services to support the planning, design, and construction of multiple structures along the LA-19 corridor, including the LA-19 bridge (slope stability/embankment), LA-19 railroad bridge (embankment/MSE wall settlement/retaining wall), LA-19 twin bridges, and the LA-67 bridge (prestressed concrete piles).The investigation included drilling and sampling of 19 deep borings ranging from 50 ft to 120 ft, followed by an extensive laboratory testing program in our AASHTO-accredited laboratory including:

- Moisture content (ASTM D2216)
- Liquid limit, plastic limit, and plasticity index (ASTM D4318)
- Unconsolidated-Undrained triaxial compression (ASTM D2850)
- One-Dimensional Consolidation (ASTM D2435)

All data was analyzed to develop the geotechnical design parameters for Slope Stability, Settlement, MSE wall, and Deep Foundations design. As the project advanced into construction, A P S was also retained by DOTD to provided full geotechnical engineering services during construction, services included:

- PDA instrumentation and CAPWAP analysis for driven piles
- Field inspection and verification of test piles
- Construction Materials Testing (CMT) for soils, concrete, and aggregates



Firm Members Involved: Sergio Aviles, P.E. – Geotechnical Manager, Sai Eddanapudi, M.E., P.E. - Chief Engineer, Surendra Pathak, M.S., P.E. - Senior Geotechnical Engineer, Amanda Linton-Laboratory Testing Supervisor, Van George- Head Driller, Joseph Layton-CMT

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G.E.C., INC.

FIRM NAME	A P S Engineering and Testing, LLC		DISCIPLINE(S)*	Geotech	**
PROJECT NAME	US-90 Railroad Overpass (S. East of LA-85)			FIRM RESPONSIBILITY (PRIME OR SUB?)	Sub
PROJECT NUMBER	H.010155	OWNER'S NAME	Shread-Kurykendall & Associates, Inc		
PROJECT LOCATION	Iberia Parish, Louisiana	OWNER'S PROJECT MANAGER	Nicci D. Gill		
OWNER'S ADDRESS, PHONE, EMAIL	13016 Justice Ave., Baton Rouge, LA 70816/ 225-296-1335/ ngill@skanger.com				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	11/19	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)	N/A		
SERVICES COMPLETED BY THIS FIRM (MM/YY)	12/23	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)	\$105K		

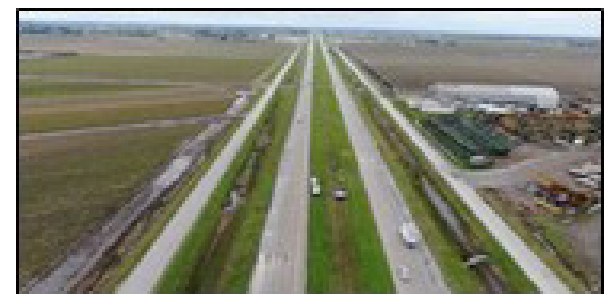
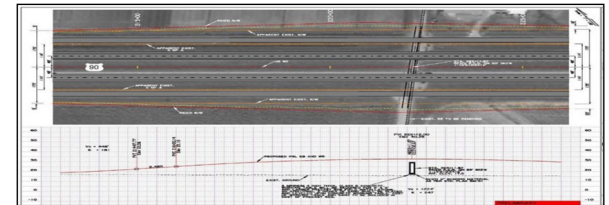
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

SCOPE – Comprehensive Geotechnical Investigation and Design for 2,400-Foot Span Bridge-A P S Engineering and Testing, LLC performed full-service geotechnical investigation and engineering analysis to support the planning and design of a 2,400-foot bridge. The scope work included drilling twelve (12) borings to depths of 120 ft, with continuous undisturbed sampling from the ground surface to 20 ft and at 5-ft intervals thereafter to ensure high-quality data for design purposes.

All laboratory testing was performed in our AASHTO-accredited laboratory following ASTM standards, including:

- Visual description and classification of soils (ASTM D2488)
- Moisture content (ASTM D2216)
- Minus No. 200 Wash Sieve Analysis – ASTM D1140
- Liquid limit, Plastic limit, and Plasticity index (ASTM D4318)
- Unconsolidated-Undrained triaxial Compression (ASTM D2850)
- One-Dimensional Consolidation (ASTM D2435)

The engineering analysis included Slope Stability, Settlement analysis, MSE wall design, and deep Pile foundations design recommendations, ensuring a complete geotechnical design report. Recommendations were also provided for constructability and long-term performance of the bridge foundations.



Firm Members Involved: Sergio Aviles, P.E. - Geotechnical Manager, Sai Eddanapudi, M.E., P.E. - Chief Engineer, Surendra Pathak, M.S., P.E. - Senior Geotechnical Engineer, Amanda Linton-Laboratory Testing Supervisor, Van George- Head Driller

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G.E.C., INC.

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

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

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

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



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

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G.E.C., INC.

FIRM NAME	Vectura Consulting Services, LLC		DISCIPLINE(S)*	Traffic	**
PROJECT NAME	US 11 (Front St.) at US 190 Bus. (Fremaux Ave.) Traffic Study			FIRM RESPONSIBILITY (PRIME OR SUB?)	Sub
PROJECT NUMBER	N/A	OWNER'S NAME	City of Slidell		
PROJECT LOCATION	Slidell, Louisiana	OWNER'S PROJECT MANAGER	Eric Lundin		
OWNER'S ADDRESS, PHONE, EMAIL	250 Bouscaren St. Slidell, LA 70458, 985-646-4320, elundin@cityofslidell.org				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	09/17	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)	unknown		
SERVICES COMPLETED BY THIS FIRM (MM/YY)	11/17	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)	\$38.8		

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

Vectura was hired as a sub-consultant to the prime consultant to perform a traffic study for the City of Slidell as part of improvements to the intersection of US 11 (Front St.) at US 190 Bus. (Fremaux Ave.). The goal of the study was to determine if a pedestrian crossing and pedestrian traffic signal heads were warranted. To conduct the pedestrian study, the following tasks were performed by Vectura:

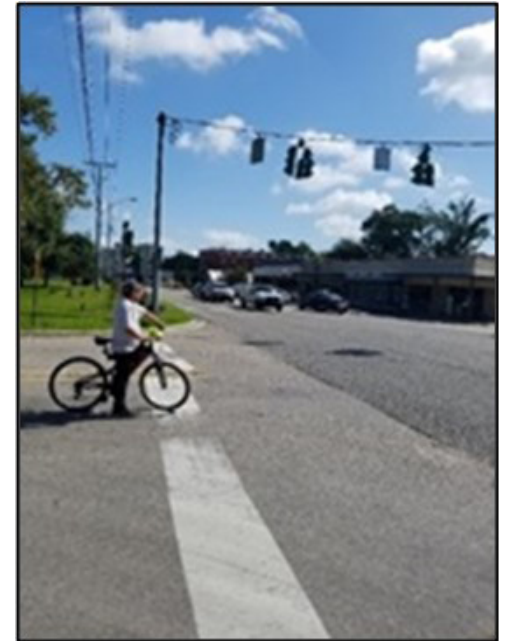
Data Collection

- AM and PM peak hour turning movement counts for five intersections
- AM / PM peak 15-minute turning movement counts for 10 driveways on Fremaux Ave.
- 24-hour traffic approach volumes, speed data, crash history and sight distance for the intersection of US 190 Bus. (Fremaux Ave.) @ US 11 (Front St).
- Weekday and weekend pedestrian counts for the intersection of US 190 Bus. (Fremaux Ave.) @ US 11 (Front St).

Draft Traffic Study

This task included a Crosswalk Traffic Study for US 190 Bus. (Fremaux Ave.) @ US 11 (Front St.) as Per DTOE, Traffic Engineering Manual (TEM) Section 3B.2.9, Section 20.2 & EDSM VI.3.1.6 Section 6. This task included the following elements:

- Developed three-year crash analyses
- Performed pedestrian crosswalk warrants as per TEM Section 3B.2.9
- Performed Vistro and HCS analyses for AM and PM Peak existing conditions, Implementation and design year conditions. The analyses included intersection and segment levels of service as well as signal timing and progression for the five intersections.
- Developed traffic study and electronic files. The Study documented how traffic will be routed with the proposed median on Fremaux Ave., the impacts to Front St., and conflict analysis for the crosswalks and pedestrian heads.



Firm Members Involved: Brin Ferlito, Laurence Lambert, and Bridget Robicheaux

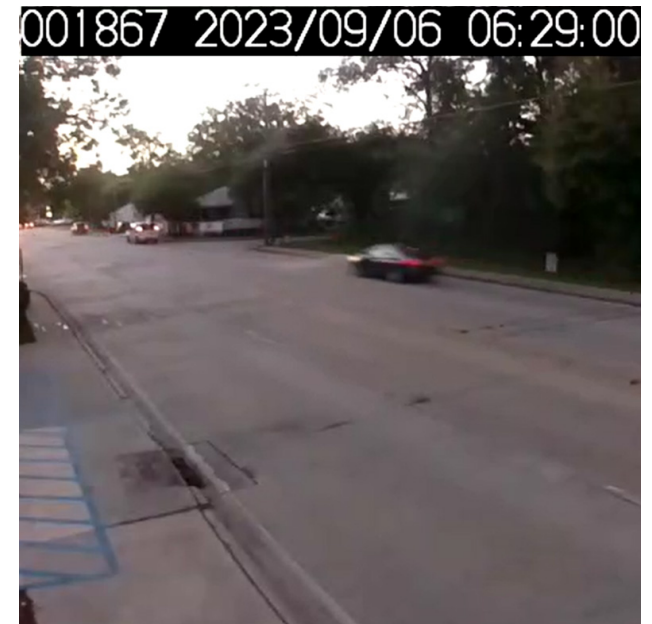
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G.E.C., INC.

FIRM NAME	Vectura Consulting Services, LLC		DISCIPLINE(S)*	Traffic	**
PROJECT NAME	Stage 0 Feasibility Study – US 190/Fremaux Avenue Sidewalk Study			FIRM RESPONSIBILITY (PRIME OR SUB?)	Sub
PROJECT NUMBER	H.972462.1	OWNER'S NAME	New Orleans Regional Planning Commission		
PROJECT LOCATION	Slidell, Louisiana	OWNER'S PROJECT MANAGER	Nelson Hollings		
OWNER'S ADDRESS, PHONE, EMAIL	10 Veterans Boulevard, New Orleans, LA 70124; 504-483-8523; nhollings@norpc.org				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	09/16	TOTAL CONSULTANT CONTRACT COST (\$1,000'S)	\$65		
SERVICES COMPLETED BY THIS FIRM (MM/YY)	05/17	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000'S)	\$30		

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

Vectura was hired as a subconsultant to collect data for vehicles, pedestrians, and bicycles for a sidewalk improvement on US 190B in Slidell, LA. Vectura collected 7-day classification counts at two locations, 7-day ped and bike counts at two locations, six turning movement counts, three turning movement counts with demand, 15-minute driveway counts and three radar spot-speed survey. Vectura coordinated with the City of Slidell and DOTD District 62 to identify the peak periods for the turning movement counts. Vectura then processed the turning movement counts from our video camera (as shown to the right). All the data was formatted and included in the traffic report to conform to the DOTD TEPR format.



Firm Members Involved: Brin Ferlito, Laurence Lambert, Kristen Farrington, Reece Rodrigue, David Watkins, and Cade Nelson

* If there is more than one discipline included in the proposal, then indicate which discipline(s) this project is being used to represent. **This field cannot be left blank and N/A is not acceptable. The only disciplines to be used are: Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic.

G.E.C., INC.

18. Approach and Methodology

IDIQ Contract for Design Services Statewide, District 61

Summary of Experience

G.E.C., Inc. (GEC) is pleased to offer LADOTD a team significantly experienced in the delivery of LADOTD projects, including performing all required engineering including surveying, roadway design, bridge design, environmental services, permitting, cost estimates, hydraulic design, sanitary and storm drainage, special provisions, TMPs, quality plan reviews and construction services for both major projects as well as for projects that aim to preserve the pavement on the existing system such as major and minor rehabilitation, preventative maintenance projects, and improving operational efficiency through transportation systems management (TSM). **The GEC Team will provide the required services needed to provide the highest quality and success for projects to advance to successful construction.**

GEC, in collaboration with CD&C, APS, and Vectura, offers a comprehensive range of services to fulfill the requirements of this IDIQ.

Scope Understanding

The GEC Team understands the importance of District 61 having an IDIQ as a valuable tool to assist in delivering design projects. GEC is available and ready to step in and work with you to deliver projects on time, obligating the District funding before and by the deadline. **We understand that task orders issued under this contract are under a compressed schedule, and we will expedite engineering services to ensure completion prior to the IDIQ expiration.** We understand the District's Highway Priority Program and the goals for prospective outcomes as well as the annual obligation of the federal funding budget partitions. We also understand the importance of preserving the integrity of our roadways. **When we think of our pavement as an investment, it is easier to understand how important it is to safeguard, protect, and extend.** Pavement preservation activities have numerous beneficial impacts such as extending pavement life, improving motorists' safety and satisfaction, saving public tax dollars, promoting environmental sustainability, & reducing delays.

The GEC Team understands the types of projects that may be issued as a part of this contract and is well versed in LADOTD's typical sequence of project development. Our approach to this IDIQ will vary depending on the scope & previous studies/work that may have already been performed. **The GEC Team stands ready to serve as an extension of LADOTD staff to provide effective design solutions while implementing cost-saving methods where identified while being responsive & attentive throughout the project.**

Approach

The GEC Team implements protocols to ensure effective task order management, not only as it relates to this project, but all projects GEC is contracted to complete. We will first work to gain a clear understanding of DOTD's needs and goals through effective

communication. We will maintain this communication throughout the life of the project, executing task orders in a timely manner and will provide contract management that includes delivery on schedule, while maintaining the budget and managing design staff as they design one or multiple projects in a given time.

GEC's 38 year portfolio of road and bridge projects is diverse, ranging from pavement preservation projects and overlays for local 2-lane roadways to multi-lane urban roadways and interstate widening. Our team of professional engineers and support staff have significant experience in the design or rehabilitation of roadways within all AASHTO highway classifications. GEC has maintained a core team of engineers that specialize in transportation projects in our Baton Rouge Headquarters and Metairie offices supported by technical staff. As seen in our portfolio of projects, GEC has performed road design services for projects on state routes, whether it was directly through contract with LADOTD or through permit for a municipality. This extremely experienced team has current working relationships with LADOTD with the skill to exceed LADOTD's expectations for the various task orders which may be issued under this IDIQ. Through our experience, the GEC Team is equipped with knowledge and lessons learned, knowing how to proactively approach these various types of projects to provide successful and timely deliverables.

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

An example task order for this project could include a rehabilitation project to mill & overlay. The GEC Team has prepared numerous engineering plans, surveys, pavement borings, and performed CE&I for these types of projects. Our proven approach (see Project Solutions) includes field investigations, research of data, & discussions/coordination with District 61 staff and stakeholders. During this process, data may reveal pavement conditions that are different than originally known. These need to be addressed in the design so that cost estimates are accurate and change orders during construction are minimized.

Methodology

The GEC Team will follow the standard steps outlined in the LADOTD Road Design Manual and by following relevant guidelines such as the Guidance for PRR Projects, 3R Minimum Design Guidelines, Pavement PRR Minimum Design Guidelines, and Minimum Design Guidelines as applicable to the issued task order. The following is an overview of the project development process GEC will follow for a standard project that may be issued as a part of this IDIQ; however, it will be altered appropriately for each independent task order scope. A sample project schedule is included (Figure 1) displaying a typical task order that would be issued as a part of the IDIQ contract.

PROJECT SOLUTIONS

The following scenario (based on actual past project experience) involved GEC staff discovering unknown conditions and developing solutions to deliver a quality rehabilitation project.

Following completion of field inspection, geotechnical borings, and surveying, it became apparent that recommendations to mill and overlay were outdated and increasing loads would have caused further damage.

GEC prepared a report of the findings, various solutions, and alternatives, detailing that the original 30-year old concrete roadway, which was cracking below layers of asphaltic overlays, was not designed to present day roadway structural standards.

Had milling and overlay taken place, cracks would have continued to propagate through the new asphaltic layer of the roadway, which was located in an area with high residential traffic, and would not have provided any long-term fix.

GEC presented these findings to the client and recommended a complete reconstruction with concrete pavement. To minimize impacts to residents, a high early strength concrete was used.

Project Kickoff & Field Visit

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

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

Survey

CD&C will ensure that the topographic survey shall adhere to all modern survey theory, practice, and procedures, and follow the latest version of the LADOTD Location and Survey Manual including typical surveying methods as applied by LADOTD. This includes all accepted horizontal and vertical control standards as stated in the manual. The LADOTD feature table code list and symbols shall be utilized and met with those included in the latest edition of the survey feature code guidebook produced by the LADOTD Location and Survey Section and Automation. 3D Terrestrial Scanning may be

utilized in conjunction with traditional means and methods to capture topography as applicable for each site and will adhere to all LADOTD Standards as related to Terrestrial and Mobile Scanning. All deliverables will adhere to the electronic standard as set forth by LADOTD. Civil Design & Construction, Inc. equipment and software includes:

Equipment:

- 7 - Fully Equipped Survey/SUE Trucks
- 1 - VacMaster 3000
- Water & Air Excavation Truck
- 1 - Riegl VZ400i Terrestrial Scanner
- 1 - TopoLift
- 5 - Carlson RT4 Tablets with SurvPC
- 5 - Sokkia Robotic Total Stations
- 9 - Carlson BRX7 GPS
- 2 - Digital Level
- 1 - SmartDrone Discovery 2
- 1 - GSSI -Ground Penetrating Radar/w Panasonic Data Collector/Software
- 1 - Faro Focus 3D scanner
- 1 - DOT3D Scanner
- 2 - Subsite Advanced Utility locators
- 2 - Pipe Rodders
- 1 - 10ft Alumacraft Boat/w Trolling Motor

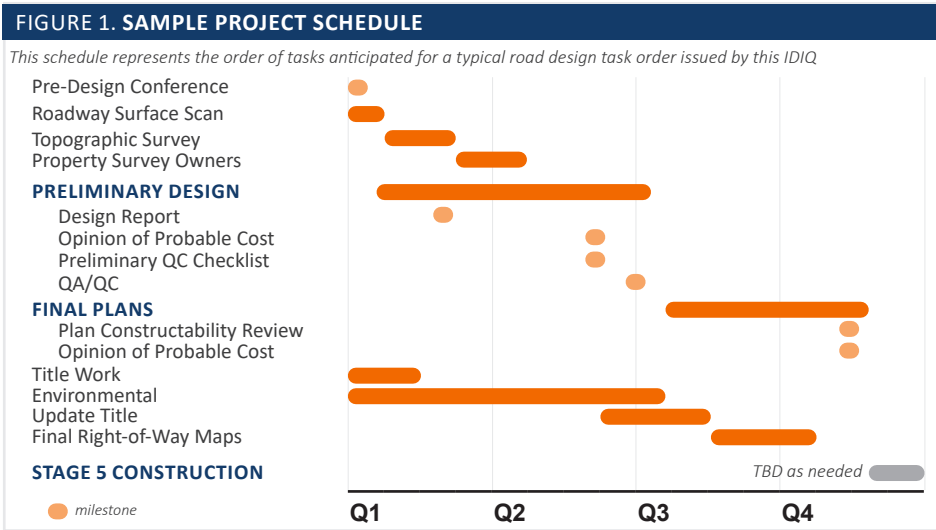
Software:

- Riegl RiScan
- Faro Scene
- DOT3D Edit
- AutoCAD
- Carlson
- Bentley Microstation
- Global Mapper
- SmartDrone Processor
- BlueBeam
- CADConform
- TopoDOT Scan Extraction
- Pointman Pro - Subsurface Utility Mapping Software

Geotechnical

APS Engineering and Testing, LLC (APS) is a Louisiana-based Geotechnical Engineering and Construction Materials Testing firm with decades of combined professional experience. Our methodology combines proven engineering practices, advanced instrumentation, and disciplined project management to deliver reliable, accurate, and timely results for Louisiana DOTD Indefinite Delivery/Indefinite Quantity (IDIQ) Geotechnical Services contracts. A P S's approach is designed to exceed DOTD's quality, schedule, and safety expectations while ensuring responsive communication and efficient execution from initial task order to final deliverable. A P S begins with a comprehensive project kickoff to confirm scope, schedule, and deliverables with the DOTD Project Manager. We then assign a dedicated Project Manager—supported by Senior Engineers, Field crews, and Laboratory personnel—to oversee all phases of the assignment. Our methodology emphasizes:

- Early identification of site-specific challenges including One call (811) for utility locations prior to field investigations.
- Submitting Subsurface Investigation Plan for review and acceptance prior to the commencement of any field investigations.
- Deployment of drilling equipment, surveying unit, and trained crews for efficient data collection.
- Continuous QA/QC integration from field through final report.
- Direct communication with DOTD to address technical questions and expedite approvals.



Traffic Services

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

Traffic Engineering Analysis. Vectura has an experienced staff of transportation engineers

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

Intersection Control Design and Review. Vectura has developed design studies and construction plans for hundreds of signals for LADOTD. As such, staff is well versed in designing the associated MUTCD compliant signing and striping for traffic signals. Since the formation of Vectura, they have partnered with other design engineering firms to provide a third-party quality control review of signing and striping plans for LADOTD projects. Staff have also provided CE&I for traffic signal construction for LADOTD.

Transportation Management Plans. Vectura will follow EDSM VI.1.1.8 that outlines what is required for a TMP. Vectura will coordinate with LADOTD to obtain traffic volume and safety data for traffic study to perform safety analysis and alternative route analysis. If historic data is not available, Vectura will follow the Traffic Study Scope of Services as outlined on the DOTD Traffic Engineering website. Staff from Vectura have worked closely with LADOTD staff through the development and implementation of the TEPR process. Vectura will utilize this experience to navigate the TEPR process to arrive upon the optimum detour route. Along with specifying the correct TTC Details, Vectura will coordinate with the bridge/road designers on a Work Zone Impact Management Strategy document to minimize risk and delays to the travel public.

FIGURE 2

30% PRELIMINARY PLANS

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

60% PRELIMINARY PLANS

- Revise based upon comments received in 30% Preliminary Plan review
- Existing and proposed hydraulics calculations and map
- Plan Sheets to include: plan and profile sheets including revised horizontal and vertical alignments, geometric details,

cross sections, typical sections, existing and proposed drainage, utility and railroad recommendations, earthwork computations, preliminary right-of-way taking, and sequence of construction and signing

95% PRELIMINARY PLANS (PLAN-IN-HAND)

- Revise based upon comments received in 60% Preliminary Plan Review
- A preliminary QA/QC will be performed and then a pre-plan-in-hand review will take place before the plan-in-hand is distributed
- Plan sheets to include: title sheet, typical sections, plan and profile, including right-of-way taking lines, existing and proposed drainage, geometric details, sequence of construction, construction signing, summary of estimated quantities, and cross sections
- Once the plans are distributed, a plan-in-hand meeting will be scheduled. Attendees typically include LADOTD, municipal/parish

representatives, LADOTD district personnel, and members of the design team. The GEC Team will assist in scheduling and conducting the meeting and documenting comments received.

100% PRELIMINARY PLANS

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

60% FINAL PLANS

- Revise based upon comments received in 100% Preliminary Plan Review
- Final typical sections and hydraulic design
- Plan sheets to include: summary sheets and tables, join layouts, graphical grades,

right-of-way maps, horizontal and vertical geometry, traffic signal design, construction notes

95% FINAL PLANS (ADVANCE CHECK PRINTS)

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

98% FINAL/100% FINAL PLANS

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

Preliminary/Final Design, Plan Development & Cost Estimates

The GEC Team is very familiar with the LADOTD Road Design Manual, Bridge Design Manual, EDSMs, Standard Specifications for Roads and Bridges, Minimum Design Guidelines, Guidance for PRR Projects, and other LADOTD related guidelines, specifications, and standards and will follow the steps outlined in Figure 2. For pavement preservation projects, GEC will follow the Guidance for PRR Projects to determine the appropriate design guidelines. The team will then also use the corresponding section of the PRR Report to document decisions and any possible Design Waivers or Design Exceptions. A draft PRR report will be submitted along with the preliminary plan submittal when design waivers or exceptions are anticipated and with the final plans. Letter size plan sets are typically reserved for preservation projects.

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

With our diverse portfolio of roadway design & management services for both LADOTD and municipalities, GEC is poised to provide LADOTD with robust experiences that will allow the GEC team to provide innovative solutions to the toughest roadway design challenges. The GEC Team will prepare all plans in accordance with the most current LADOTD CAD standards. In addition to the resumes included in Section 16, GEC support staff includes a depth of highly knowledgeable and skilled CAD personnel, experienced in utilizing Bentley's Microstation, InRoads, and CADConform programs. The GEC Team is aware of the LADOTD transition to OpenRoads and if such transition shall occur during this IDIQ, The GEC Team is prepared to transition appropriately. The GEC Team will upload e-deliverables into the LADOTD ProjectWise repository at any necessary milestone as required by the Task Order. The plan submittals for this work will generally adhere to the LADOTD Road Design and Bridge Design (if necessary) requirements, as shown in the box below. For each required LADOTD submittal, The GEC Team will perform stringent quality reviews to ensure all required items are submitted and that they are accurate and meet our quality acceptance criteria.

LADOTD's PRR guidelines allow design elements to be less than those given in AASHTO publications for projects where all work is contained within the existing ROW. The GEC Team understands the process for Design Waivers and Design Exceptions that are commonly required as a part of preservation projects.

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

Hydraulic Analysis & Sanitary Design. GEC will provide all bridge hydraulics, drainage and sanitary analysis, and design on any issued task order. LADOTD's requirements, which shall govern hydraulic analysis and design, are specified in the current edition of LADOTD's Hydraulics Manual. GEC will perform any necessary hydraulic analyses to provide adequate design drainage along the roadway and surrounding areas to ensure that stormwater is effectively managed. Bridge backwater and water surface profiles will be calculated according to the FHWA WSPRO Water Surface Profile. To complement

traditional drainage systems, green infrastructure solutions will also be evaluated to improve and provide better opportunities to manage stormwater as well as the added social, economic, and environmental benefits.

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

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

Stage 5: Construction Support. In Stage 5 of the Project Delivery process, GEC provides construction support and construction related engineering for projects we have designed. GEC stands ready to provide shop drawing reviews, signal acceptance testing, and plan revisions to adjust for unforeseen conditions. Construction Support shall consist of all services required to review and address Requests for Information (RFIs) from LADOTD's Construction Contractor. GEC will respond to all RFIs within 48 hours. Cost recovery for all RFIs due to plan/specification clarity or plan/specification error will be as noted in the Errors and Omissions clause as established in the Original Contract. GEC will review all shop drawings and equipment submittals to ensure conformity with the construction contract document, and the distribution of approved submittals. GEC will prepare a full set of construction documents in accordance with the plan preparation procedures in the LADOTD Road and Bridge Manuals. GEC has in-depth experience in developing Special Provisions, which will be contained in the project's contract documents and describe any required work that amends the Standard Specifications and Supplemental Specifications in the LADOTD's Standard Specifications for Roads and Bridges. GEC will author and provide these documents, if necessary, for any task order issued.

Quality Plan Reviews. GEC's written Quality and Assurance procedures meet LADOTD's requirements and serve as the basis for our work on all contracts, requiring that each member of the team follows the procedures so that work is performed correctly and delivered on time and within budget. Deliverables must comply with current standards and sound practices and reflect current technology. An independent professional checks the deliverables and the originator corrects any errors. **The lead roadway Quality Control reviewer, Jerome Lohmann, PE has 39 years of supervising and performing design services on a variety of roadway and bridge projects.**

19. Workload

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	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)	270,903
		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	130,000
		44-29196, H.016255	IDIQ Contract for Engineering & Technical Support, TO#2 – LA 1: WGS Riverplex Railroad Overpass (Sub to Stantec)	265,572
		44-25040, H.015342	IIJA, Off-System Bridge Program, District 61 Less EBR, S.A.#1 (Note: Work performed over 2 yrs. Exp 6/30/26)	70,820
G.E.C., Inc.	Bridge	44-04128, H.004273.5	I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange) (Sub to Stantec)	173,240
		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	550,000
		44-04900, H.004540.5	Leeville to Golden Meadow, Route LA 1 Relocated, Const. Engineering Services (Sub to HNTB)	165,616
		44-25040, H.015342	IIJA, Off-System Bridge Program, District 61 Less EBR, S.A.#1 (Note: Work performed over 2 yrs. Exp 6/30/26)	414,082
		44-23434, H.000445	US 190: UPRR Overpass Near Opelousas, St. Landry Parish (Sub to AECOM)	426,109
		44-05267, H.003074.5	Williams Blvd – Veterans Blvd.(SA#5 & EWL#6), Route I-10, Jefferson Parish, LA	216,944
		44-23923	IDIQ for Bridge Preservation (Sub to Huval) - No Task Orders Issued	N/A
G.E.C., Inc.	Environmental	44-04128, H.004273.5	I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange) (Sub to Stantec)	28,897
		44-25040, H.015342	IIJA, Off-System Bridge Program, District 61 Less EBR, S.A.#1 (Note: Work performed over 2 yrs. Exp 6/30/26)	3,096
		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	40,000
		H.014990.5	South Tiger Bend Rd. and East Achord Rd. Bridges (Sub to Forte & Tablada)	8,944
		44-25047, H.011358.2	US 190 (Vine Street Reconstruction), St. Landry Parish	599,550
G.E.C., Inc.	ITS	44-04128, H.004273.5	I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange) (Sub to Stantec)	19,447
G.E.C., Inc.	Other (Program Management)	44-16958	Road Transfer Program Management, Statewide (NOTE: The Average Annual billing is approx. \$290,000/ year. We are in year 4 of 6. This billing represents 1 person stationed at DOTD. Thus, unlikely to bill this entire remaining balance. (Program Management ONLY – NO Planning, Road or Bridge Design work).	781,416
		44-25040, H.015342	IIJA, Off-System Bridge Program, District 61 Less EBR, S.A.#1 (Note: Work performed over 2 yrs. Exp 6/30/26)	89,800
		44-04128, H.004273.5	I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange) (Sub to Stantec)	40,735
		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	375,000

G.E.C., Inc.	Other (Electrical)	44-04128, H.004273.5	I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange) (Sub to Stantec)	301,419
		44-29193, H.004100.5 & H.004100.6	CMAR - I-10: LA 415 to Essen on I-10 and I-12 (Sub to Huval), East and West Baton Rouge Parishes	518,270
		44-05267, H.003074.5	Williams Blvd – Veterans Blvd. (SA#6), Route I-10, Jefferson Parish, LA	54,012
		44-26074, H.013617.6	IDIQ Contract for Electrical Statewide, TO#1 - I:10: I-610E Interchange Lighting	57,125
		44-26074, H.014552.6	IDIQ Contract for Electrical Statewide, TO#2 - I-49: LA 31 Interchange Lighting	80,011
		44-26074, H.015598.6	IDIQ Contract for Electrical Statewide, TO#3 - I-210: Hurricane Laura Lighting Repairs	83,119
		44-26074, H.014556.6	IDIQ Contract for Electrical Statewide, TO#5 - I-49: US 190 Interchange Lighting	87,530
		44-26074, H.014553.5	IDIQ Contract for Electrical Statewide, TO#6 - I-49: LA 3233 Interchange Lighting	2,271
		44-26074, H.014557.5	IDIQ Contract for Electrical Statewide, TO#7 - I-49: Judson Walsh Interchange Lighting	47,926
G.E.C., Inc.	CE&I/OV	44-23074, H.012465.6	IDIQ for CE&I Services and Staff Augmentation, District 61 - Flashing Yellow Arrow Part 3	20,579
		44-23074, H.010960.6	IDIQ for CE&I Services and Staff Augmentation, District 61 - LA 30 Roundabouts at Tanger Mall and I-10	N/A
		44-23074, H.013265.6	IDIQ for CE&I Services and Staff Augmentation, District 61 – Van Buren Street Over Corp. Canal	53,265
		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	119,520
		44-23074, H.014762.6	IDIQ for CE&I Services and Staff Augmentation, District 61 – LA 44: 1-10 – LA 621	510,814
		44-23074, H.15267.6	IDIQ for CE&I Services and Staff Augmentation, District 61 – LA 431: Left Turn Lane at LA 621	47,469
		44-28550, H.002868.6	IDIQ for CE&I, Statewide, with Majority of Work in District 03 - I-49 S: Amb. Caffery / US 90 Interchange	250,925
		44-28550, H.013265.6	IDIQ for CE&I, Statewide, with Majority of Work in District 03 - US 90: LA 14 to LA 83	240,567
		44-28550, H.015774.6	IDIQ for CE&I, Statewide, with Majority of Work in District 03 – LA 359: Local Road (Bolden)-LA 10	155,330
		44-14315, H.003370.6	IDIQ for Painting Inspection & Environmental Monitoring with CE&I, Statewide - I-220/I-20 Interchange IMP & BAFB Access	N/A
		44-14315, H.010000.6	IDIQ for Painting Inspection & Environmental Monitoring with CE&I, Statewide - US 171: Calcasieu River Bridge Repairs	37,447
		44-14315, H.014588.6	IDIQ for Painting Inspection & Environmental Monitoring with CE&I, Statewide – I-20: Orange Street Overpass Repair	N/A
		44-17006, H.011670.6	I-10/Loyola Interchange Improvements, Jefferson Parish	87,664
		44-23897, H.011965.6	LA 47: IWGO Bridge Rehabilitation (HBI) (CE&I) (sub to GPI)	1,153,140
		44,24438, H.010673.6	US 90: Harvey Canal Tunnel Rehab (CE&I), Jefferson Parish	777,098
		44-28884, H.003931.5	Calcasieu River Bridge (HBI), Calcasieu Parish	N/A
		44-27349, H.003931.6	Calcasieu River Bridge (HBI) (CE&I), Calcasieu Parish	16,582,779
		44-28466, H.015504.6	CCC Decorative Lighting Construction Engineering and Inspection (CE&I)	565,945
		44-29193, H.004100.5 & H.004100.6	CMAR - I-10: LA 415 to Essen on I-10 and I-12 (Sub to Huval), East and West Baton Rouge Parishes	4,000

Civil Design & Construction, Inc.	Survey	4400027093/H.014041	LA 92 ROW Maps	\$60,342
	Survey	4400026026; H.016037	LA 1138-1 & LA 1138-2	\$371,329
APS Engineering and Testing, LLC	CE&I/OV	4400024653/ H.01254.6	Wiggins Bayou Bridge	\$37,790
	Geotech	4400019337/ H.014247	LA 399 Bridges Near Fullerton	\$24,307
	Geotech	4400019337/ H.014245	LA 119; Bayou Pierre & Creek Bridges	\$23,654
	Geotech	4400024653/ H.014982.5	Marathon Rd over Dry Creek	\$25,056
	Geotech	4400019011/ H.012068.5	LA 1026 Creek Bridge	\$12,900
	Geotech	4400024653/ H.014978.5	Bellard Loop over Untamed Drainage Ditch	\$28,545
	Geotech	4400024653/ H.016323.5	LA 37 Glass Branch Bridge	\$6,431
	Geotech	4400024653/ H.016326.5	LA 36 Drain Bridge Pearl	\$11,451
	Geotech	4400024653/ H.016322.5	LA 81: W-11 Lateral & Bayou Black Bridges	\$15,804
	Geotech	4400024653/ H.016312.5	LA 3116 Creek Bridges	\$20,014
	Geotech	4400024653/ H.004005.5	I-10 LA415 to Essen Lane on I-10 and I-12	\$55,900
	Geotech	4400024653/ H. 016321.5	LA 970 Creek Bridge	\$5,123
	Geotech	4400024653/ H.016311.5	LA 1123 Box Culvert Creek Bridge	\$22,194
	Geotech	4400024653/ H.016324.5	LA 1047 Drain Bridge	\$6,946
	CE&I/OV	4400024653/ H.014560.6	LA-94 Vermillion River Bridge	\$33,507
Vectura Consulting Services, LLC	Traffic	4400005484; H.005168.2	New Orleans Rail Gateway Avondale EA	57,644
	CE&I/OV	4400020018; H.007160	EBR Computerized Traffic Signal, Ph VB	28,737
	Traffic	H.004791	Belle Chasse Bridge & Tunnel Replacement PPP	11,202
	Traffic	4400021519; H.012030.5	KCS RR Overpasses HBI	572
	Traffic	4400023075; H.013522	S. Lewis Street Widening	7,499
	Traffic	4400025299; H.01564.5	LA 47 Hayne Blvd Safety Improvements	9,437
	Traffic	4400018271; H.014746.5	LA 383 Stage 0 Corridor Study	20,146
	ITS	4400016364; H.014511.1	Houma Regional ITS Architecture Update	10,746
Traffic	4400025299; H.013421.5	Dist. 02H Flashing Yellow Arrow Part 2	83,260	

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

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



20. Certifications/Licenses

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

Christopher Nipper

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

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
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

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
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

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized instructor







Bliss Bernard



Certificate of Completion
presented to
Bliss Bernard
for completing the
**Traffic Engineering Analysis Process & Report
Module 1**




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



Authorized Instructor
 
Authorized Instructor
 
Authorized instructor


LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

Certificate of Completion
presented to
Bliss Bernard
for completing the
**Traffic Engineering Analysis Process & Report
Module 2**




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



Authorized Instructor
 
Authorized Instructor
 
Authorized instructor


LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

Certificate of Completion
presented to
Bliss Bernard
for completing the
**Traffic Engineering Analysis Process & Report
Module 3**

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


Authorized Instructor
 
Authorized Instructor
 
Authorized instructor


LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT



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

Bliss Bernard



LOUISIANA ASSOCIATED GENERAL CONTRACTORS, INC.

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

March 26, 2025

To Whom It May Concern,

This is to verify that the below listed employee of G E C, Inc. has successfully completed LADOTD required ATSSA Traffic Control Training.

ATSSA Traffic Control Supervisor Refresher Training – March 14, 2025: Bliss Bernard

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

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

Best Regards,

A handwritten signature in black ink, appearing to read "Reldon Owens", written in a cursive style.

Reldon Owens, LAGC Chief Executive Officer

Logan Michel



Certificate of Completion
presented to
Logan Michel
for completing the
**Traffic Engineering Analysis Process & Report
Module 1**

Date: March 29, 2022
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

Certificate of Completion
presented to
Logan Michel
for completing the
**Traffic Engineering Analysis Process & Report
Module 2**

Date: March 29, 2022
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

Certificate of Completion
presented to
Logan Michel
for completing the
**Traffic Engineering Analysis Process & Report
Module 3**

Date: March 30, 2022
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

Jerome Lohmann



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Jerome Lohmann

has attended

Louisiana Traffic Control Supervisor Refresher

Training Course

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

New Orleans, LA
Location

Vice President of Education and Technical Services

President, CEO

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



American Traffic Safety Services Association ATSSA.com



Chris Ballard

ATSSA American Traffic Safety Services Association
SAFER ROADS SAVE LIVES

This is to affirm that

CHRIS BALLARD

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 2/29/2024 Instructor Name Debbie Purcella
Exp. Date 2/29/2028 *Debbie Purcella*
State Issued LA Instructor Signature

V0000287042 Verify at Flagger.com

ATSSA
Safer Roads Save Lives

Christopher Ballard

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

Scott Benton

ATSSA American Traffic Safety Services Association
SAFER ROADS SAVE LIVES

This is to affirm that

SCOTT BENTON

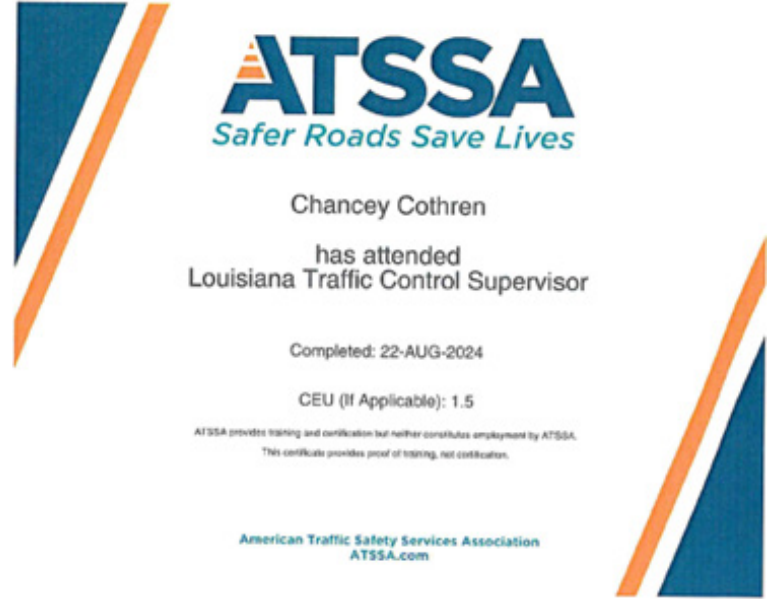
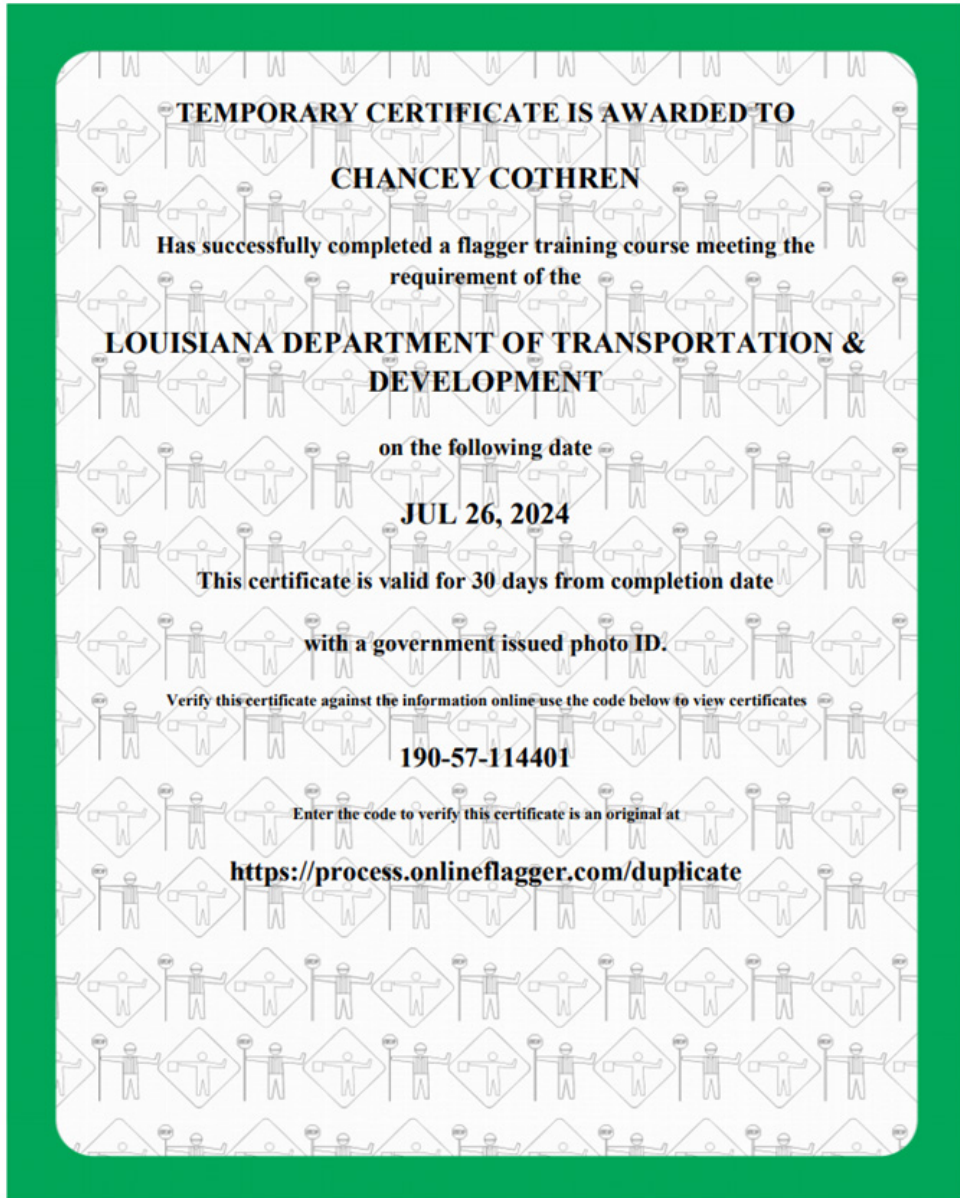
has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 2/2/2024 Instructor Name Debbie Purcella
Exp. Date 2/2/2028 *Debbie Purcella*
State Issued LA Instructor Signature

V0000258961 Verify at Flagger.com

Chancey Cothren



Drennon Humphreys



Bradley Jacobs





Madison Mills

ATSSA American Traffic Safety Services Association
SAFER ROADS SAVE LIVES

This is to affirm that

MADISON MILLS

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 8/1/2023 Instructor Name Debbie Purcella
Exp. Date 8/1/2027
State Issued LA Instructor Signature Debbie Purcella

V0000201560 Verify at Flagger.com

ATSSA TRAINED

PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Madison Mills
has attended
Louisiana Traffic Control Supervisor
Training Course

7/12/2023 to 7/12/2027
Training Valid Through

Baton Rouge, LA
Location

Don H. Clark
Vice President of Education and Technical Services
Alan T. Fisher
President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

Hunter Smith

ATSSA American Traffic Safety Services Association
SAFER ROADS SAVE LIVES

This is to affirm that

HUNTER SMITH

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 2/2/2022 Instructor Name Debbie Purcella
Exp. Date 2/2/2026
State Issued LA Instructor Signature Debbie Purcella

V0000039795 Verify at Flagger.com

ATSSA TRAINED

PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Hunter Smith
has attended
Louisiana Traffic Control Technician
Training Course

7/11/2023 to 7/11/2027
Training Valid Through

Baton Rouge, LA
Location

Don H. Clark
Vice President of Education and Technical Services
Alan T. Fisher
President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

Alexander Wells



ATSSA American Traffic Safety Services Association
Safer Roads Save Lives

This is to affirm that

ALEXANDER WELLS

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 1/29/2024 Instructor Name Debbie Purcella
Exp. Date 1/29/2028 *Debbie Purcella*
State Issued LA Instructor Signature

V0000262405 Verify at Flagger.com

ATSSA TRAINED

PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Alexander Wells
has attended
Louisiana Traffic Control Supervisor
Training Course

7/12/2023 to 7/12/2027
Training Valid Through

Baton Rouge, LA
Location

Don H. Clark
Vice President of Education and Technical Services
Alan Tischer
President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

Jacob Stoehr

ATSSA American Traffic Safety Services Association
Safer Roads Save Lives

This is to affirm that

JAKE STOEHR

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 6/2/2025 Instructor Name Debbie Purcella
Exp. Date 6/2/2029 *Debbie Purcella*
State Issued LA Instructor Signature

V0000380006 Verify at Flagger.com

ATSSA
Safer Roads Save Lives

Jacob Stoehr
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



LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

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

Civil Design & Construction, Inc.

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

NC541330, NC541340, NC541350, NC541370

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

Certificate Eligibility: March 2025 to March 2026

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

Rhonda Wallace

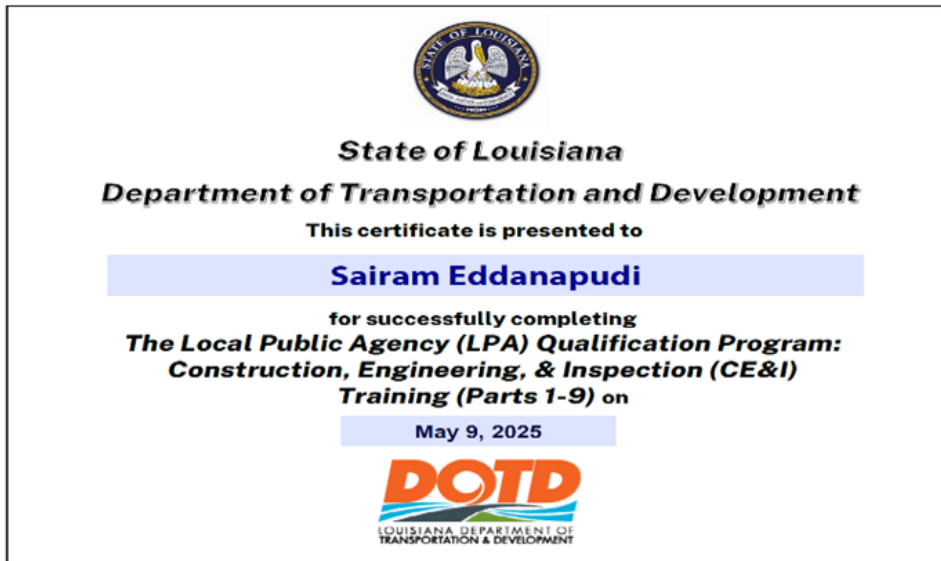
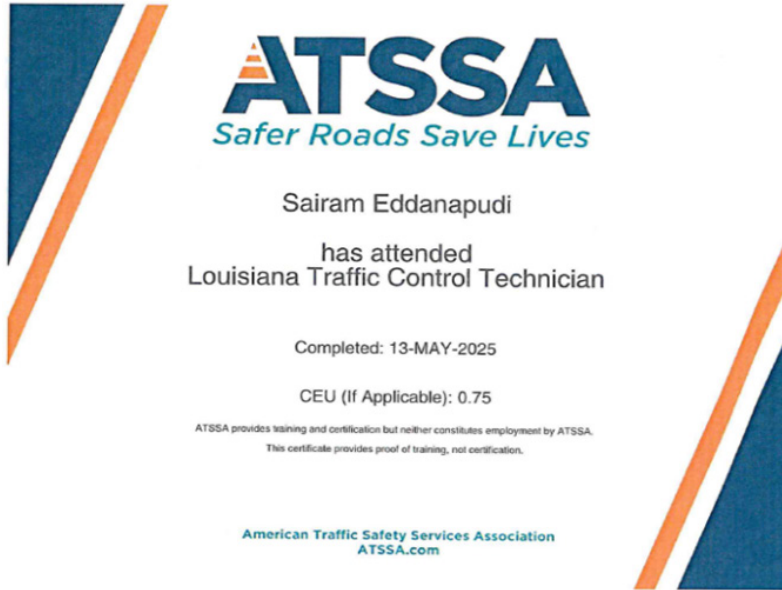
Rhonda Wallace, DBE/SBE Programs Manager

Louisiana Department of Transportation & Development

Sergio Aviles



Sairam Eddanapudi



Surendra Pathak





LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

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

APS Engineering and Testing, LLC

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

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

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

Certificate Eligibility: October 2024 to October 2025

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

Rhonda Wallace

Rhonda Wallace, DBE/SBE Programs Manager

Louisiana Department of Transportation & Development

Brin Ferlito




PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

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

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

Ramona Smith
Director of Training

Baton Rouge, LA
Location

Alison Ferlito
President, CEO

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




This is to affirm that

Sheelagh Ferlito
has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 5/9/2023 ATSSA

Exp. Date 5/8/2027 Instructor Name *Wanda M. Clark*

State Issued LA Instructor Signature *Wanda M. Clark*

A1000126216 Verify at Flagger.com


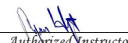

Brin Ferlito




Certificate of Completion
presented to
Brin Ferlito
for completing the
**Traffic Engineering Analysis Process & Report
Module 1**

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

Professional Development
Hours (PDHs) Awarded: 4


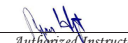


 Authorized Instructor
 
 Authorized Instructor
 
 Authorized instructor



LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

Certificate of Completion
presented to
Brin Ferlito
for completing the
**Traffic Engineering Analysis Process & Report
Module 2**

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

Professional Development
Hours (PDHs) Awarded: 4

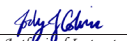
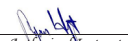


 Authorized Instructor
 
 Authorized Instructor
 
 Authorized instructor



LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

Certificate of Completion
presented to
Brin Ferlito
for completing the
**Traffic Engineering Analysis Process & Report
Module 3**

Date: September 10, 2018
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3


 Authorized Instructor
 
 Authorized Instructor
 
 Authorized instructor


LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT



Office of the Secretary
PO Box 94245 | Baton Rouge, LA 70804-9245
PH: 225-379-1200 | FX: 225-379-1851

Jeff Landry, Governor
Joe Donahue, Secretary

May 30, 2025

Vectura Consulting Services, LLC

Attn: Sheelagh Brin Ferlito
PO Box 14269
Baton Rouge, LA 70898

Dear Sheelagh Brin Ferlito,

The Louisiana Department of Transportation and Development (LADOTD) Compliance Programs Section has received your firm's Disadvantaged Business Enterprise (DBE) and Small Business Element (SBE) Declaration of Eligibility. Based on the information, which you provided, it has been confirmed that your firm continues to meet the eligibility requirements of our program and remains certified for only the following specific work categories that fall under the listed NAICS codes:

NC488490 – Other Support Activities for Road Transportation

C14-Transportation Planning
C33-Traffic Counting and Data Collection
C74-Construction Management

NC541330-Engineering Services

C09-Engineering Services
C96-Traffic and Transportation Engineering

NC541340-Drafting Services

C43-Computer Assisted Drafting

Please note that per the federal regulations, suppliers only receive 60% goal credit towards the materials they provide. Also, note that any contractor performing work in excess of \$50,000 with the exception of electrical, mechanical and plumbing requires A Louisiana Contractor's License, which are required to have a license if work is in excess of \$10,000. You may contact the State Licensing Board for Contractors at (225) 765-2301 for more information. All participants of the Louisiana Unified Certification Program will recognize your firm's certification. This includes all entities receiving federal transportation funding within the boundaries of our state.

You will be required to submit a **Declaration of Eligibility** with Gross receipts (i.e. all income-related portions of signed federal tax returns, audited financial statements or a CPA's signed attestation of correctness and completeness) stating your firm continues to meet the eligibility requirements of the program. An email informing you to submit the necessary documentation will be forwarded to you approximately six (6) weeks prior to your anniversary date of **June 30, 2026**. However, should you not receive notification from this office for your Declaration of Eligibility; it is your responsibility to contact us. Additionally, you must notify our office immediately regarding any changes, which affect the social and economic disadvantage, size, ownership or control of your firm.

Vectura Consulting Services, LLC

May 30, 2025

Page 2

The LADOTD has contracted SJB Group, LLC to provide DBE Supportive Services to all certified DBEs, in the LAUCP, at no cost to you. This consultant can offer your firm assistance and guidance on areas such as marketing, estimating, bidding, financial preparations, etc. Feel free to contact SJB Group, LLC at (225) 769-3400 for any assistance needed to grow your organization.

The Louisiana UCP certifying entity reserves the right to withdraw this certification, if at any time, it is determined that **DBE and SBE** certifications was knowingly obtained by the submission of false, misleading or incorrect data. The Louisiana UCP certifying entity also reserves the right to request additional information and/or conduct an on-site visit at any time during your certification period.

We are pleased to have you as a participant in the LAUCP and wish you much success.

If you have any questions regarding the content of this letter, contact the LADOTD DBE Certification Unit at (225) 379-1382.

Respectfully,

Paula Roddy
Compliance Programs Director

Enclosure (Certificate)



LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

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

Vectura Consulting Services, LLC

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

NC488490, NC541330, NC541340

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

Certificate Eligibility: June 2025 to June 2026

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

Paula Roddy, Compliance Programs Director

Louisiana Department of Transportation & Development

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
CIVIL DESIGN & CONSTRUCTION, INC.	Business Corporation	PORT ALLEN	Active

Name	Type	City	Status
APS ENGINEERING AND TESTING, LLC	Limited Liability Company	BATON ROUGE	Active

Buy Certificates and Certified Copies Subscribe to Electronic Notification Print Detailed Record			
Name	Type	City	Status
VECTURA CONSULTING SERVICES, LLC	Limited Liability Company	BATON ROUGE	Active

21. QA/QC Plan

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

22. Sub-consultant Information

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

Firm Name (NAME MUST MATCH EXACTLY AS REGISTERED WITH LOUISIANA'S SECRETARY OF STATE (SOS): INCLUDING PUNCTUATION, INCLUDE SCREENSHOT(S) FROM SOS AT THE END OF SECTION 20)	Address	Point of Contact and email address	Phone Number
APS Engineering and Testing, LLC	1645 Nicholson Dr. Baton Rouge, LA 70802	Sergio Aviles, PE sergio@aps-testing.com	(225) 456-5714
Civil Design & Construction, Inc.	PO Box 857 Port Allen, LA 70767	Karla E. Weston, PE Kweston@cdcbr.com	(225) 765-1802
Vectura Consulting Services, LLC	PO Box 14269 Baton Rouge, LA 70898	Brin Ferlito bferlito@vecturacs.com	(225) 223-6685

23. Location

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.**

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

8282 Goodwood Blvd.
Baton Rouge, Louisiana

WWW.GECINC.COM

