



IDIQ CONTRACT FOR ENGINEERING AND TECHNICAL SUPPORT SERVICES FOR CRITICAL PROJECTS - STATEWIDE

**CONTRACT NOS. 4400035363, 4400035364, 4400035365,
4400035366, AND 4400035367**

I-10/LOYOLA DR. INTERCHANGE DESIGN-BUILD

STANTEC CONSULTING SERVICES INC.



June 16, 2026

Attention:
Paul Vaught
 LADOTD Contract Manager

Reference:
**IDIQ CONTRACTS FOR ENGINEERING
 AND TECHNICAL SUPPORT SERVICES
 FOR CRITICAL PROJECTS - STATEWIDE**

**Contract Nos. 4400035363, 4400035364,
 4400035365, 4400035366, and
 4400035367**

Submitted by:
Stantec Consulting Services Inc.
 1200 Brickyard Lane, Suite 400
 Baton Rouge, LA 70802



Contact Person:
Gary Heitman, PE
 Contract Manager
 (225) 215-5105
gary.heitman@stantec.com

Dear Mr. Vaught and PET Selection Committee,

Stantec appreciates the opportunity to submit our team qualifications for DOTD's Critical Projects IDIQ. We understand that this contract requires more than technical capability; it requires a **responsive, trusted team that can mobilize quickly, align the right resources to each assignment, and help DOTD advance high-priority infrastructure projects** under compressed schedules and evolving project conditions.

Our team brings the combination of **Louisiana-based leadership, established DOTD relationships, and national technical depth needed to support the full range of services** anticipated under this contract. Stantec, GEC, GeoEngineers, and our specialty subconsultants have structured our team to respond to diverse task orders—from targeted technical reviews and environmental support to full project delivery, Owner Verification, alternative delivery support, and construction-phase services.

A key differentiator of our team is our current performance on DOTD's 2024 Critical Projects IDIQ, where we are already supporting urgent and complex assignments across public involvement, environmental and line-and-grade studies, project delivery support, and independent quality assessment reviews. This ongoing work demonstrates our **ability to understand DOTD's priorities, assemble task-order-specific teams quickly, and provide practical solutions that reduce risk and maintain forward momentum.**

Our approach is built around immediate engagement, right-sized team assembly, accelerated scope and fee development, structured coordination, and integrated quality management. For DOTD, this means dependable access to experienced discipline leads, the capacity to support multiple task order assignments concurrently, and a delivery framework focused on clear communication, accountability, and technically sound decision-making.

We are confident that Stantec's team offers DOTD the responsiveness, experience, and integrated expertise needed to advance Louisiana's most critical transportation priorities. We look forward to continuing our partnership with DOTD and delivering successful outcomes for the Department, its stakeholders, and the traveling public.

Gary Heitman, PE
 Contract Manager
gary.heitman@stantec.com | (225) 215-5105

Sherri LeBas, PE
 DOTD Liaison
SLeBas@gecinc.com | (225) 612-4121

SECTIONS 1 - 13

I-210 AT COVE LANE *(Critical Project at the base of
I-210 bridge in Calcasieu Parish)*

DOTD FORM: 24-102

(CONTRACT NOS. 4400035363, 4400035364, 4400035365, 4400035366, AND 4400035367)

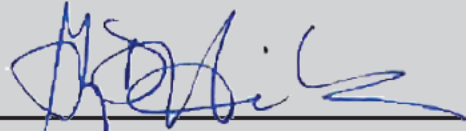
PROPOSAL TO PROVIDE CONSULTANT SERVICES

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 title as shown in the advertisement.	IDIQ CONTRACTS FOR ENGINEERING AND TECHNICAL SUPPORT SERVICES FOR CRITICAL PROJECTS
2.	Contract number(s) as shown in the advertisement	Nos. 4400035363, 4400035364, 4400035365, 4400035366, and 4400035367
3.	State Project Number(s), if shown in the advertisement	
4.	Prime consultant name (name must match <u>exactly</u> as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; <u>include screenshot from SOS at the end of Section 20</u>)	Stantec Consulting Services 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.0003506
6.	Prime consultant mailing address	1200 Brickyard Lane Suite 400, Baton Rouge, LA 70802
7.	Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	1200 Brickyard Lane Suite 400, Baton Rouge, LA 70802
8.	Name, title, phone number, and email address of prime consultant's contract point of contact	Gary Heitman, PE, Senior Principal (225) 215-5105 gary.heitman@stantec.com
9.	Name title, phone number, and email address of the official with signing authority for this proposal	Gary Heitman, PE, Senior Principal (225) 215-5105 gary.heitman@stantec.com

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

10.	This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response. Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.	 Signature above shall be the same person listed in Section 9: Date: June 16, 2026
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.	There is no DBE goal assigned to this contract.

12. **Discipline Table:**

As indicated in the advertisement, insert a completed table here. The percentages for the prime and sub-consultants must total 100% for each discipline, as well as the overall total percent of the contract.

The **only** disciplines to be used are listed in the drop down in each row (Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic). **Remove rows as needed.**

Discipline(s)	% of Overall Contract	Stantec Consulting Services Inc. (Prime)	G.E.C., Inc.	Surveying and Mapping, LLC (formerly SJB Group, LLC)	Civil Design & Construction, Inc.	Geo-Engineers, Inc.	Reich Landscape Architecture, L.L.C.	Franklin Associates, LLC	Louisiana Tree Service (LATSC), LLC	Krebs Corporation.	Each Discipline must total to 100%
Road	25%	54%	39%				1%		1%	5%	100%
Bridge	17%	60%	40%								100%
Traffic	15%	100%									100%
ITS	5%	100%									100%
Survey	8%			50%	50%						100%
Environmental	8%	63%	32%				1%	3%	1%		100%
Other (Tolling, Lighting, Alt. Del. Support)	5%	60%	40%								100%
CE&I/OV	9%	40%	60%								100%
CPM	5%	50%	50%								100%
Geotech	3%					100%					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%	57.84%	29.01%	4.00%	4.00%	3.00%	0.33%	0.24%	0.33%	1.25%	100%

13. **Team Size:**

For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify "Other (**must specify**)" and include the classification title inside the parentheses. The DOTD Job Classification(s) to be used can be found at the following link: <https://bit.ly/DOTDJobClassifications>

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)
Stantec Consulting Services Inc.	Principal	4	9
Stantec Consulting Services Inc.	Supervisor - Eng	4	5
Stantec Consulting Services Inc.	Supervisor - Other	1	3
Stantec Consulting Services Inc.	Engineer	19	27
Stantec Consulting Services Inc.	Engineer Intern	11	13
Stantec Consulting Services Inc.	Senior Technician	2	2
Stantec Consulting Services Inc.	CADD Technician	4	5
Stantec Consulting Services Inc.	Administrative	1	3
Stantec Consulting Services Inc.	Planner	2	15
Stantec Consulting Services Inc.	Inspector - Certified	2	2
Stantec Consulting Services Inc.	Inspector - Bridge	1	10
Stantec Consulting Services Inc.	Other (ROW Specialist)	1	1
Stantec Consulting Services Inc.	Other (PMP)	2	4
Stantec Consulting Services Inc.	Archaeologist	1	30
Stantec Consulting Services Inc.	Biologist/Wetlands	1	20
Stantec Consulting Services Inc.	Environmental Pro	1	2
Stantec Consulting Services Inc.	Historian	1	9
G.E.C., Inc.	Principal	3	3
G.E.C., Inc.	Supervisor - Eng	4	4
G.E.C., Inc.	Engineer	8	8
G.E.C., Inc.	Environmental Pro	1	2
G.E.C., Inc.	ITS Technician-Lead	1	1

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.	Geologist	2	2
GeoEngineers, Inc.	Principal	2	6
GeoEngineers, Inc.	Engineer	4	9
GeoEngineers, Inc.	Engineer- Other	0	7
GeoEngineers, Inc.	Engineer Intern	1	3
GeoEngineers, Inc.	Senior Technician	1	1
GeoEngineers, Inc.	Technician	1	11
GeoEngineers, Inc.	CADD Technician	1	1
GeoEngineers, Inc.	Driller	2	3
GeoEngineers, Inc.	Administrative	1	4
Surveying and Mapping, LLC (formerly SJB Group, LLC)	Principal	1	1
Surveying and Mapping, LLC (formerly SJB Group, LLC)	Supervisor – Other	2	2
Surveying and Mapping, LLC (formerly SJB Group, LLC)	Surveyor	2	5
Surveying and Mapping, LLC (formerly SJB Group, LLC)	Technician	2	5
Surveying and Mapping, LLC (formerly SJB Group, LLC)	Party Chief	2	5
Surveying and Mapping, LLC (formerly SJB Group, LLC)	Instrument Man	2	5
Surveying and Mapping, LLC (formerly SJB Group, LLC)	CADD Drafter	1	6
Surveying and Mapping, LLC (formerly SJB Group, LLC)	Rodman	0	1
Surveying and Mapping, LLC (formerly SJB Group, LLC)	Senior Technician	2	5
Surveying and Mapping, LLC (formerly SJB Group, LLC)	Project Office Manager	1	1
Surveying and Mapping, LLC (formerly SJB Group, LLC)	CADD Technician	2	2
Surveying and Mapping, LLC (formerly SJB Group, LLC)	CADD-Operator	2	2
Civil Design & Construction, Inc.	Surveyor	1	2
Civil Design & Construction, Inc.	Party Chief	3	5
Civil Design & Construction, Inc.	Instrument Man	2	3
Civil Design & Construction, Inc.	Rodman	2	2
Civil Design & Construction, Inc.	CADD-Operator	1	1

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)
Civil Design & Construction, Inc.	Senior Technician	3	6
Civil Design & Construction, Inc.	Supervisor-Other	1	1
Reich Landscape Architecture, L.L.C.	Landscape Architect	5	8
Franklin Associates, LLC	Other (Public Outreach and Relations Support)	2	19
Louisiana Tree Service (LATSC), LLC	Other (Arborist)	1	7
Krebs Corporation.	Other (Cost Estimators)	1	18

(Add rows as needed)

***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.

SECTIONS 14 - 16

US 90 (I-49 SOUTH) AT LA 318 INTERCHANGE
DESIGN-BUILD (DOTD 2020 Transportation
Excellence Award Winner)

Legend

- # Denotes MPR No.
- * Traffic Engineering Process and Report Training
- T Has Work-Zone Training



	Stantec Consulting Services Inc. G.E.C., Inc. GeoEngineers, Inc. Surveying and Mapping, LLC/SAM (formerly SJB Group, LLC)		Civil Design & Construction, Inc. (CD&C) Reich Landscape Architecture, L.L.C. Franklin Associates, LLC Louisiana Tree Service (LATSC), LLC Krebs Corporation.
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PROJECT SUPPORT

■ Stephen "Steve" Wallace, PE
#10
Lead

- Michael Van Der Heyden, PE, PMP
- Doug Norris, PE
- Cary Bourgeois, PE

- Sherri LeBas, PE
- Jonathan Puls, PE

- Eric Hjelle
- Jonathan Puls, PE

- Heidi Peper
- Scott Hoffeld, CEP^{*}, #4

■ Melissa McDaniel, PMP



Scott Hoffeld, CEP^{*}, #4
Lead

- Bryan Mason (*Permitting & Mitigation*)
- Brenton Jenkins, PE (*Permitting & Mitigation*)
- Bliss Bernard, PE ^{*, T, #4}
(*NEPA Laws & Regulations/Compliance*)
- Dana Taggert, BA, MA, RPA
(*Section 106/Archaeology*)
- Emily Reed (*Section 106/Historic Architecture*)
- Mary Martin (*Noise Modeling*)
- Eric Clark, PE (*Air Quality*)
- Richard "Barry" McCoy
(*Biological/T&E Spp. Resources*)
- Amy Sackaroff, AICP
(*Community Impact Assessments*)

- James Taylor, MLA, AICP
- Laura Livingston, MS, PMP
- Hannah Krebs, PE

(Graphic Design/Presentation Materials)

- Bijan Sharafkhani, PE (GW/Soil Monitoring)
- Michael Simms, Ph.D, PG (GW/Soil Monitoring)
- Emily Welch, PG (Air Monitoring/TSP Lead)

Gary Heitman, PE T, #1,2,3
Co-Lead

- Christopher Ballard, PLS T, #6, 7
- Madison Mills, PLS T
- Ralph Burgess, PLS T, #6, 7
- Matthew Estopinal, PE, PLS T
- Daniel Biggs T

- Christopher Ballard, PLS T, #6, 7
- Ralph Burgess, PLS T, #6, 7
- Tyler Foster

- Clarence J. Goodspeed
- Karen Kennedy, PE T, #8
- John "Trey" Savoie, PE
- Zachary Bellone

- Anthony (Chien-An) Ju, PE T
- Nicholas Hull T
- Kyle Kilfian
- Jammie McLeod

- David Eley, PE
- Dustin Blanchard

- Larry Sant, PE #9
- Brenda Novoa, PE, MSCE

 Christopher Nipper, PE [★]
Co-Lead

- Joseph "Joey" Lefante, PE, PTOE *, T, #5
- Brandon DeJean, PE, PTOE *, T, #5

- Mary Frances Bratton O'Rourke, PE ^T
- Hannah Krebs, PE ^T
- Destiny Armstrong, PE
- Jerome Lohmann, PE ^{T, #10}
- James Fogleman, PE

- Nicholas "Nick" Prudhomme, PE ^T
- Michael Neumann, PE ^T
- Christopher Nipper, PE ^T

- John Krebs, PE ^T
- Keith Rebello, PhD, PE #11
- Varaprasad Venkata, PE #11

All design personnel are available to assist with plan development and letting support services.

■ Joseph "Joe" Cains III, PE *T #10

- Joseph "Joe" Cains III, PE *T #10 (Roadway)
- Joseph "Brian" Johnson, PE #11 (Structures)
- Joseph Barker, PE, PTOE *#5 (Traffic)
- Matthew "Matt" Davis, PE, PTOE * (ITS)
- Thomas Coerver Jr., PE (Lighting)
- James "Jim" Aronstein, Jr, PE #9 (Geotechnical)

 Joseph "Keith" Palermo, PE, PLS
Lead

- Ryan Lee, PMP, LEED AP BD+C
- Julia Rouse
- Brian Buckel, PE ^T
- Zachary Boylan, PE ^T

Our team has support staff, including DOTD certified inspectors and engineers available to work on this contract.

■ Cindy Hall, PE *, T, #3

- Robert Lemke, PE

■ Pamela Bailey-Campbell

■ Brian Buckel, PE^T

- Rick Krebs (ICE)
- Brian Buckel, PE ^T

(Partnering & Owner Verification)

- Sean Tihal, PE

- Stephen Mensah, PhD, PE, PTOE, RSP1 * T
- Nishant Wadje, PE
- Pamela Bailey-Campbell
(Smarter Mobility)

- Derrick Goudeau, PE
- Luis Diaz, PE
- Nicholas Montegut, PE
- Jimmy Wheeler ^T (Electrical Inspector)

- William "Bill" Reich, RLA
- Christine Forsman, RLA
- David Scott Courtright

■ Micah Fremin

15. **Minimum Personnel Requirements:**

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR. Make sure the P.E. discipline is also listed (highlighted in table) that is meeting the MPR; e.g. professional civil engineer should show the discipline of the license as civil if meeting that MPR.

MPR No. <i>Do not insert wording from ad</i>	Personnel Being Used to Meet the MPR <i>(Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the Advertisement)</i>	Firm Employed By	Type of License and Discipline Meeting MPR/Certification & Number <i>(Ex: PE # - Civil)</i>	State of License	License/ Certification Expiration Date
1.	Gary Heitman, PE	Stantec Consulting Services Inc.	PE #24670 - Civil, Environmental	LA	09/30/2026
2.	Gary Heitman, PE	Stantec Consulting Services Inc.	PE #24670 - Civil, Environmental	LA	09/30/2026
3.	Gary Heitman, PE	Stantec Consulting Services Inc.	PE #24670 - Civil, Environmental	LA	09/30/2026
	Cindy Hall, PE	Stantec Consulting Services Inc.	PE # 27073 - Civil	LA	09/30/2027
4.	Scott Hoffeld, CEP	Stantec Consulting Services Inc.	CEP #02040408	National	N/A
	Bliss Bernard, PE	G.E.C., Inc.	PE #42709 - Civil	LA	03/31/2027
5.	Joseph "Joey" Lefante, PE, PTOE	Stantec Consulting Services Inc.	PE #37244 - Civil	LA	09/30/2026
	Joseph Barker, PE	Stantec Consulting Services Inc.	PE #40664 - Civil	LA	09/30/2026
	Brandon DeJean, PE, PTOE	Stantec Consulting Services Inc.	PE #37234 - Civil	LA	09/30/2026
6.	Christopher Ballard, PLS	Civil Design & Construction, Inc.	PLS #5033 - Survey	LA	09/30/2026
	Ralph Burgess, PLS	Surveying and Mapping, LLC/SAM (formerly SJB Group, LLC)	PLS #5040 - Survey	LA	09/30/2026
7.	Christopher Ballard, PLS	Civil Design & Construction, Inc.	PLS #5033 - Survey	LA	09/30/2026
	Ralph Burgess, PLS	Surveying and Mapping, LLC/SAM (formerly SJB Group, LLC)	PLS #5040 - Survey	LA	09/30/2026
8.	Karen Kennedy, PE	Surveying and Mapping, LLC/SAM (formerly SJB Group, LLC)	PE #28547 - Civil	LA	09/30/2027
9.	Larry Sant, PE	GeoEngineers, Inc.	PE #35625 - Civil	LA	09/30/2026
	James Aronstein Jr., PE	GeoEngineers, Inc.	PE #11794 - Civil	LA	03/31/2027
10.	Stephen "Steve" Wallace, PE	Stantec Consulting Services Inc.	PE #22750 - Civil, Environmental	LA	09/30/2026
	Jerome Lohmann, PE	G.E.C., Inc.	PE #24673 - Civil	LA	09/30/2026
	Joseph "Joe" Cains III, PE	Stantec Consulting Services Inc.	PE #33670 - Civil	LA	03/31/2028
11.	Joseph "Brian" Johnson, PE	Stantec Consulting Services Inc.	PE #31273 - Civil	LA	09/30/2026
	Keith Rebello, PhD, PE	G.E.C., Inc.	PE #24937 - Civil	LA	03/31/2027
	Varaprasad Venkata, PE	G.E.C., Inc.	PE #40594 - Civil	LA	09/30/2026

16. **Staff Experience:**

FIRM EMPLOYED BY		Stantec Consulting Services Inc.	
NAME	Gary Heitman, PE	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	26
TITLE	Senior Principal	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	12
DEGREE(S) / YEARS / SPECIALIZATION		BS 1986 Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 24670 LA 9/30/2026	
YEAR REGISTERED	1992	DISCIPLINE	Civil and Environmental Engineering
Contract role(s) / brief description of responsibilities	Gary has 38 years of experience and led our Highway Division for over 20 years leading the study, design, and plan development of various project types, including interstates and interchanges, arterials and collector highways, local roads, bridge replacement projects, roundabouts, and other similar transportation systems, on both existing highway alignments and new locations. His experience includes traditional and alternative delivery types as well as Construction Administration services, allowing him to apply lessons learned in the construction arena to the design process and thereby provide a more comprehensive deliverable. He is currently serving as the leader of the entire Baton Rouge office. Gary will serve as CONTRACT MANAGER and SURVEY/ENGINEERING/DESIGN CO-LEAD for this contract. Gary meets the following Minimum Personnel Requirements (MPRs) as specified in the advertisement: 1, 2, 3		
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
07/2015 - Ongoing	I-49 LAFAYETTE CONNECTOR LADOTD Contract No. H.004273.5 Lafayette, LA Assistant Program Manager and Geometrics Task Manager. Gary is assisting with the Program Management task, including overseeing the implementation of an extensive QC/QA plan. He is managing the geometric design of the five-and-a-half-mile urban corridor, which includes segments of at-grade and elevated mainline, parallel frontage roads, urban interchanges, and slip ramps, as well as connections/modifications to the existing roadway network. In addition, the Geometric team's task includes conceptual constructability and maintenance of traffic plans, conceptual drainage design, and estimates of probable construction costs throughout the project.		
08/2019 - 04/2024	I-10/LOYOLA INTERCHANGE DESIGN-BUILD LADOTD New Orleans, LA Roadway Design QC. Gary is providing roadway design quality control for this multimillion-dollar project that will improve access and traffic operations to and around the new Northfield Terminal at the New Orleans Airport. This project consists of an innovative Diverging Diamond Interchange, in addition to flyover ramps leading to/from the Airport on the east side of the interchange.		
10/2012 - 09/2017	LADOTD RETAINER CONTRACT FOR ROADWAY PROJECTS LADOTD H.4400002748 Statewide, LA Contract Manager. Similar to the overall contract and task services that this IDIQ may require, Gary provided overall management and Quality Assurance for this Roadway Engineering Retainer that completed 3 significant projects - Essen Lane Widening, Government Street and West Prien Lake Road Relocation. . He was involved in all project meetings, supervised the design, plan development and the preparation of exhibits, and coordinated directly with LADOTD and City personnel to ensure the project schedules, quality goals, and other LADOTD requirements were met. Gary supervised all phases of work including: completion of the environmental phase, development of final roadway, signal, and bridge plans, and continued coordination with all parties to ensure timely delivery of the final construction documents.		
04/2015 - 06/2018	US 90 AT LA 318 INTERCHANGE DESIGN-BUILD LADOTD St. Mary Parish, LA Roadway Independent QC. This project constructed a diamond interchange with frontage roads to replace the current at-grade signalized intersection of US90 and LA 318, as well as frontage roads and ramps through the project limits. Gary assisted with alternatives to the concept presented in the RFP. He also performed independent QC and assurance reviews on the roadway design packages.		
11/2010 - Ongoing	NELSON ROAD EXTENSION AND BRIDGE LADOTD Lake Charles, LA Roadway Division Manager. Gary oversaw the design effort for this new, high-level bridge and approaches over Contraband Bayou, a navigable waterway in the Lake Charles area. This will provide a crucial link to downtown and the Port of Lake Charles by extending Nelson Road over Contraband Bayou to West Sallier Street.		



04/2011 - 06/2015	I-210: COVE LANE INTERCHANGE AND IMPROVEMENTS PROJECT LADOTD Lake Charles, LA Roadway Division Manager. Gary oversaw the roadway design efforts on this fast-paced project to improve access to the casino site located on I-210 between Cove Lane and Nelson Road Interchanges. Stantec led the initial study regarding appropriate access needs to and from the casino along I-210 as prior access to the site was not sufficient for the expected increase in traffic. Deliverables included a final report meeting all LADOTD requirements for a traffic impact study based on the proposed development and Stage 0 requirements for long-term improvements at the I-210/Cove Lane and I-210/Nelson Road interchanges, in each case reflecting all agency comments with no outstanding comments or further review required.
01/2000 - 06/2006	I-10 Frontage Roads (Picardy Avenue Interchange) LADOTD Baton Rouge, LA Project Manager. Gary's responsibilities included oversight and preparation of design details and plans required for the construction of frontage roads parallel to I-10 between Bluebonnet Boulevard and Siegen Lane. In addition to the frontage roads, the project scope included design details for six ramps connecting interstate to frontage roads and the extension of a local road to tie into the frontage roads. As part of plan development, Gary and his team also provided extensive maintenance of traffic plans for these noted improvements as well as the widening of the interstate from a four-lane to a six-lane facility. He participated in public meetings and coordinated with multiple agencies during the planning and design phases. Gary assisted the LADOTD by providing construction support services consisting of shop drawing review, on-call support to the LADOTD project engineer, verification of design and as-built quantities, and resolution of questions and issues arising during the construction process.
02/2013 - 07/2016	LADOTD RETAINER CONTRACT FOR TRAFFIC ENGINEERING ROAD MANAGEMENT LADOTD H.4400002748 Statewide, LA Contract Manager and QA/QC. Similar to the overall contract and task services that this IDIQ may require, Gary provided overall management and QA/QC for this Traffic Engineering Retainer in addition to geometric guidance and oversight during plan development. The Task Orders included design and plan development for 5 roundabout projects.
11/2009 - 08/2012	I-12 WIDENING DESIGN-BUILD LADOTD Contract No. 454-02-0071 Livingston Parish, LA Project Design Manager. Gary was responsible for coordination of design and plan development efforts to widen this four-mile stretch of Interstate from the Amite River to the Juban Road interchange, as part of the selected Design-Build team. Project design elements included widening, removal, overlay, and replacement of various pavement sections, ramp deceleration lane improvements, interchange lighting, permanent signing, permanent concrete median barrier, median subsurface drainage, and widening of the Gray's Creek Bridges and the 4-H Club Road and Range Avenue overpasses. The project required erosion control plans addressing storm water runoff during construction, as well as extensive maintenance of traffic and traffic control plans for this heavily traveled stretch of interstate and connecting ramps. In addition to the design and plans developed for the construction elements, Gary was actively involved in construction progress meetings and assisted the contractor during construction, after designs and plans were approved, working with the team to address construction questions and issues in the field. At the completion of construction, as-built plans and electronic files were created for the project, again with Gary serving as the Project Design Manager for all plan and design elements.
01/2018 - Ongoing	DIJON DRIVE PHASE I & PHASE II City of Baton Rouge Baton Rouge, LA Project Manager. Stantec designed this roadway on new alignment for the City of Baton Rouge as an access roadway to the new Our Lady of the Lake Children's Hospital. This fast-paced project includes a four-lane divided roadway on new alignment, sanitary sewer force main, subsurface drainage, signalization, and off-site intersection improvements. Gary led the team in the environmental study, line and grade, and the current design/plan development phases of the project. He also led construction support services for Phase I provided by Stantec.
08/2005 - 12/2013	STARING LANE EXTENSION AND BRIDGE City of Baton Rouge Baton Rouge, LA Roadway QA/QC. This Green Light Plan project required a design study and plan development for a new, four-lane urban boulevard with a 30-foot median with subsurface drainage, sidewalks, and traffic signals. Gary's responsibilities included technical assistance in the study and design phases, QA/QC of roadway plans, and participation in regular project meetings as well as public meetings.
03/2007 - 12/2012	RIVER ROAD (LA 327) RELOCATION FOR PINNACLE CASINO DEVELOPMENT LADOTD Baton Rouge, LA QA/QC Lead and Design Oversight. Gary provided oversight and guidance for design of the relocation of Louisiana 327 (River Road) for about a one-mile segment to create a more contiguous site for development. During planning, design, and construction phases of the roadway work, he provided extensive coordination with the LADOTD Headquarters and District 61 staff to ensure timely plan approvals and permitting. He provided QC reviews for the roadway plans and documents prepared by staff under his direct supervision and answered questions that arose during construction. In addition, plans for off-site improvements identified in the Traffic Impact Study, including several intersections were developed. Gary's roles for the offsite work included direct oversight of the roadway design and plan development as well as QA/QC support and assistance with the LADOTD permitting process. Gary also developed a wayfinding signage plan directing traffic from I-10 approximately 13 miles along various state highways to the site and assisted the developer with obtaining LADOTD input and approvals for this additional signage.

FIRM EMPLOYED BY		Stantec Consulting Services Inc.			
NAME	Stephen "Steve" Wallace, PE		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER		35
TITLE	Senior Principal		YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)		9
DEGREE(S) / YEARS / SPECIALIZATION		BS 1982 Civil Engineering			
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 22750 LA 09/30/2024			
YEAR REGISTERED	1987	DISCIPLINE	Civil and Environmental Engineering		
Contract role(s) / brief description of responsibilities	Steve has managed and participated in numerous traffic, highway, and bridge projects over the past 35 years with Stantec. Steve's comprehensive knowledge of these disciplines has enabled him to competently perform engineering services from conceptual/traffic studies to plan preparation (preliminary through final stages), as well as construction supervision. He has 42 years of experience in the design and management of transportation-related projects. His project experience ranges in complexity from major rural and urban roadway projects to minor urban projects. Steve will serve as PROJECT MANAGEMENT AND SUPPORT LEAD for this contract. Steve meets the following Minimum Personnel Requirements (MPRs) as specified in the advertisement: 10				
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).				
07/2015 - Ongoing	I-49 LAFAYETTE CONNECTOR LADOTD Lafayette, LA Program Manager. Steve is directing all services for this complex program and serve as the program manager, ultimately responsible for QA. As of June 2024, the critical ongoing activities include finalizing SEIS activities and collaborating with DOTD on the construction phasing and delivery methods of the project. One of Steve's teams is completing a supplemental EIS for these new alternatives under consideration. Also, preliminary design for the I-49 / Kaliste-Saloom interchange at the south end of the project has begun. Ultimately, the program includes management of the budget and its 13 sub-consultants; coordination with DOTD HQ & District 03, City-Parish, MPO, USACE, FAA, LFT Airport, SHPO and DEQ, and community/stakeholders; ROW Acquisitions and Utility Relocations; and maintenance of traffic to minimize congestion during construction.				
04/2011 - 06/2015	I-210 COVE LANE INTERCHANGE LADOTD Lake Charles, LA Project Manager. Steve was responsible for QA and direction of all aspects of this new tight urban diamond interchange that included: line and grade design, plan development, right-of-way maps, and utility relocation. The project was designed and let for construction using a fast-track schedule in just over 2 years from beginning the IJR to construction letting. Working with DOTD and FHWA, Steve orchestrated parallel QC reviews and approvals for the IJR, EA, and design/plan development. The interchange serves as primary access for a new casino development adjacent to I-210 and greatly improves historic traffic congestion in the area.				
01/2010 - 09/2012	NELSON ROAD EXTENSION AND BRIDGE OVER CONTRABAND BAYOU Lake Charles, LA Project Manager. Steve served as Project Manager for this new high-level bridge (51-foot clearance) over the navigational channel of Contraband Bayou. This project provides a crucial link to downtown Lake Charles and the Port by extending Nelson Road over Contraband Bayou to Sallier Street. Coordination with LADOTD, FHWA, USACE, US Coast Guard, City of Lake Charles and the Port were all required to gain approvals and acceptance of the project. Steve led the effort to develop alternative connection configurations to Sallier Street at the foot of the high-level bridge. Adjacent Port of Lake Charles rail operations, sensitive neighborhood issues, and roadway safety concerns were all included in selecting the preferred option. He led the effort to secure a FONSI, Section 404 and Section 10 permits, public involvement, noise studies, Phase I Environmental Site Assessments, traffic studies, cost estimates and line and grade studies. Steve worked closely with City leaders and the Port to relocate the railway and determine the ultimate roadway cross section, which includes pedestrian and bicycle paths and facilities.				
12/2006 - Ongoing	I-49 INNER CITY CONNECTOR PROJECT LADOTD Shreveport, LA Lead Traffic Engineer. Steve is leading Stantec's effort to provide geometric line and grade, and traffic, bridge, and environmental services for the 3.5 mile route that will connect the existing I-49/I-20 interchange to the proposed I-49/I-220 interchange. During Stage 0, Stantec used the Regional Travel Demand Model to compare potential alternatives routes and determine which best met the overall project's purpose and need. VISSIM models were also developed to provide a closer demonstration of traffic flow within the alternatives to help obtain public acceptance, which has been a critical piece of the project. Currently in Stage 1, Steve is overseeing preparation of the Interchange Justification Report (IJR) at the new I-49 / I-220 interchange and the Interchange Modification Report (IMR) at the existing I-49 / I-20 interchange. Traffic projections will be developed for the existing year, implementation year and design year. Over 20 interchanges will be analyzed as part of the comprehensive IJR and IMR studies, which include mainline segments, weave segments, ramp junctions, and ramp terminals. Over 70 intersections, including cross streets at the interchanges will be analyzed as well. In total, over 5000 analysis points will be included in the IJR and IMR effort.				

01/2007 - 12/2015	BATON ROUGE LOOP IMPLEMENTATION PLAN AND TIER 1 EIS LADOTD Baton Rouge, LA Project Manager. Steve managed and was responsible for the QA of Stantec's responsibilities for this 90 to 105-mile toll loop through 5 parishes. It involved extensive coordination with affected agencies including EBRP, Ascension Parish, Iberville Parish, LADOTD, FHWA, Coast Guard, and Corps of Engineers, as well as public outreach and public meetings. Stantec's scope of work included determining potential corridor alternatives, preliminary regional traffic modeling and studies, traffic and revenue studies and toll analyses, preliminary cost estimates, participation in environmental inventories, among other tasks. This effort led to securing a Final Environmental Impact Statement in November of 2015.
02/2004 - 08/2005	I-210 AT NELSON ROAD INTERCHANGE TURNAROUND Lake Charles, LA Project Manager. After developing several alternatives to alleviate anticipated traffic congestion at the I-210/Nelson Road interchange, Steve also led the traffic and conceptual study to select the preferred solution. Project improvements included a turnaround at the end of the EB exit ramp, a WB frontage road and new WB entrance ramp. Traffic analyses and modeling included the Nelson Road and W. Prien Lake corridors and I-210 ramp terminals with Nelson Road. As the project moved into the design phase, Steve provided oversight of the construction plan development and contract documents. Signal and roadway design and plans were major items in construction documents. Steve also provided coordination with the developer, City of Lake Charles, LADOTD and FHWA in order to obtain project approval.
03/2005 - 07/2011	I-10 / PECUE LANE INTERCHANGE JUSTIFICATION STUDY Baton Rouge, LA Project Manager. Project Manager Steve led the IJR documentation for a proposed interchange at I-10 and Pecue Lane, between Siegen Lane and Highland Road. The study addressed the need for the interchange based on current and future traffic volumes, analyzed the interchange to determine lane geometry and level of service, and analyzed adjacent intersections to determine the impact of the additional interchange both before and after. This study also addressed the realignment of Pecue to create a continuous corridor from Highland Road to Jefferson Highway, which has since been funded by the City of Baton Rouge.
04/2003 - 06/2005	I-10 FRONTAGE ROADS AT PICARDY AVENUE INTERCHANGE Baton Rouge, LA Project Manager. Steve was instrumental in developing concepts and traffic studies for the addition of frontage roads and reconfiguration of interstate ramps. Responsibilities included oversight and preparation of design details and plans including cost estimates. In addition to the frontage roads, the project scope included design details for six ramps connecting interstate to frontage roads and the extension of a local road to tie into the frontage roads. Public meetings and participation in coordination efforts with multiple agencies was also required.
12/2009 - 12/2011	US 90 AT LA 85 INTERCHANGE DESIGN BUILD Jeanerette, LA Project Manager. As one of LADOTD's first Design-Build teams, Steve managed the design effort and served as engineer of record for this project which provided a new overpass of US 90 across LA 85. All aspects of roadway, traffic, bridge and drainage design were involved in this project, including raising the classification and design standards for US 90 to interstate standards. A Quality Plan was also developed and approved by LADOTD to manage the design quality control provided by Stantec for the project.
05/2001 - 06/2002	LA 1 / I-10 CONNECTOR ROUTE Baton Rouge, LA Project Manager. Responsible for the initial formulation and development of this project. An initial Corridor Study and Phase II Corridor Study were completed that identified a potential initial corridor, evacuation needs, economic impacts, and preliminary project costs.

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Mike Van Der Heyden, PE, PMP	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	6	
TITLE	Senior Project Manager	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	30	
DEGREE(S) / YEARS / SPECIALIZATION		MS 1992 Environmental Engineering // BS 1982 Agriculture		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 41247 FL 02/28/2027 PMP No. 750678 National N/A		
YEAR REGISTERED	1989 (PE) 1992 (PMP)	DISCIPLINE	Civil Engineer Project Management Professional	
Contract role(s) / brief description of responsibilities	Mike's experience includes project development activities, from concept to concrete. As an embedded GEC project manager at Florida's Turnpike, he was responsible for the delivery of over 100 design projects and more than 25 miles of mainline widening project development and environment (PD&E) studies. His responsibilities include the preparation of concept plans, project scoping, preparing RFPs, and managing design-build RFP preparation contracts. He is responsible for all aspects of project delivery including managing design consultants, concept development, scoping, construction estimates, risk assessment, consultant acquisition, fee negotiations, design management, and construction delivery for design and design-build assignments. He also has developed project controls as well as managed numerous Cost Risk Analysis (CRA) studies for corridor wide and individual projects. Mike will serve as VALUE ENGINEERING AND COST RISK SCHEDULE ASSESSMENT EXPERT for this contract.			
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).			
2018 - 2019	BRIDGING KENTUCKY PROGRAM KENTUCKY TRANSPORTATION CABINET Lexington, KY Senior Engineer. Led the preparation of Design Build procurement and project delivery guidance documents for GEC project delivery within the Kentucky Transportation Cabinet. Prepared and updated Design Build Invitation to Proposers (ITP) boilerplate for the program incorporating nationwide examples and incorporating best practices from other agencies. Using the updated ITP boilerplate, provided ITP discipline oversight for the creation of text, attachments and reference documents for a bridge replacement bundling document to replace of over 100 bridges in one procurement.			
2019 - Ongoing	INTERSTATE PROGRAM MANAGER GENERAL ENGINEERING CONSULTANT PROGRAM FDOT DISTRICT 1 Project Manager. Responsible for various tasks including program budgeting, planning, project management, conceptual design, and plan reviews. Responsible for the preparing and reviewing several Design Build RFPs to ensure project delivery consistency. Provided RFP section rewrite to provide innovation opportunities without sacrificing the project intent or commitments. Also provided Quality Assurance reviews.			
1999-2008 & 2011-2017	GENERAL ENGINEERING CONSULTANT Florida's Turnpike Enterprise Ocoee, FL Project and Program Manager. Responsible for successful delivery of all aspects of project delivery for over 100 projects. His responsibilities include the preparation of concept plans, project scoping, preparing RFPs, and managing design-build RFP preparation contracts. He is responsible for all aspects of project delivery including managing design consultants, concept development, scoping, estimates, risk assessment, consultant acquisition, fee negotiations, design management, and construction delivery for design and design-build assignments. Project manager/Statewide liaison for the implementation of the tolling aspects of express lanes on existing interstate facilities in Florida. Responsibilities include tolling attachments and reference document preparation, conceptual signing master plan development, and development of project specific design build criteria development. He also has developed project controls as well as managed and participated in Cost Risk Analysis (CRA) studies for corridor wide and individual projects.			
2015 - 2017	GENERAL ENGINEERING CONSULTANT CONTRACT Central Florida Expressway Authority Orlando, FL Project Manager. Responsible for Small Business Consultants contracts management, including concept and scope development, negotiations, project management, and budgeting. Managed all major project plan reviews, including comments resolution. Partnered with the Authority to develop the annual work plans and other documents. Reviewed and processed utility and drainage connection requests.			
2013 - 2017	HOMESTEAD EXTENSION OF FLORIDA'S TURNPIKE (HEFT) SR 836 TO SR 91 CORRIDOR PROJECTS FLORIDA'S TURNPIKE ENTERPRISE Project Manager. Corridor involved 5 major projects on 20 miles of SR 836. Responsibilities included conceptual design development, scoping, budgeting, and management of design or design build projects that involved express lanes development and major interchange modification and adding four new interchanges. Project aspects included PD&E and design activities with four separate Joint project agreements with outside agencies. Includes coordination with the improvements to the interchange with I-75 with FDOT District 4.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Doug Norris, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	9	
TITLE	Chief Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	40	
DEGREE(S) / YEARS / SPECIALIZATION		BS 1979 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 44543 FL 2/28/2027		
YEAR REGISTERED	1991	DISCIPLINE	Civil Engineer	
Contract role(s) / brief description of responsibilities	Doug has worked in the transportation field of design and planning for his entire career, almost five decades. This experience includes design and/or management for roadway, drainage, traffic control, signalization, lighting, signing and marking, and utility adjustments. His experience for the past 30+ years has been as the engineer of record and project manager for numerous expressway and major arterial projects. Additionally, he has participated in numerous design-build projects. His most significant contributions include providing value engineering in developing Alternate Technical Concepts (ATC) and Temporary Traffic Control Plans (TTCP) to achieve significant cost savings and simplify construction. Doug will serve as VALUE ENGINEERING AND COST RISK SCHEDULE ASSESSMENT EXPERT for this contract.			
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).			
09/2023 - 04/2024	I-10 BAYWAY, PROGRESSIVE DESIGN BUILD ALDOT Mobile, AL Lead Maintenance of Traffic (MOT) Engineer. The I-10 Bayway project (\$1B) increases the capacity of I-10 and enhances local/regional mobility by: (1) rebuilding I-10 Bayway across Mobile Bay with eight lanes and raising the elevation to accommodate a 100-year storm surge, and (2) constructing two modified interchanges (Mid-Bay and Eastern Shore). Stantec is a major subconsultant providing MOT, bridge, coastal engineering, riverine hydrology, and environmental permitting services. Doug has led MOT planning and TTCP traffic analysis through the 30% plan submittal.			
10/2022 - 03/2024	I-4 BEYOND THE ULTIMATE, PROGRESSIVE DESIGN BUILD CONCEPT FDOT DISTRICT 5 Orange County, FL Temporary Traffic Control Plan (TTCP) Manager. The I-4 Beyond the Ultimate (BtU) was engineered to the 60% level for the reconstruct of approximately 9 miles of 6-lane freeway to add express lanes and accommodate future rail transit corridor. The projects include 5 interchangers and several parallel collector distributor roadways. The temporary traffic control plan (TTCP) for this project required maintaining traffic capacity and access during a 4-phase plan for reconstruction. Doug led the development of this TTCP concept. The project is being completed thru using progressive design for 4 separate design packages that will rely on the preliminary design for further design development.			
04/2020 - 04/2024	SR-91/FLORIDA'S TURNPIKE WIDENING FROM MINNEOLA INTERCHANGE TO US-27 N FLORIDA'S TURNPIKE ENTERPRISE Lake County, FL Maintenance of Traffic (MOT) Manager. This \$800M project includes roadway reconstruction of a 4-lane divided freeway to an 8-lane divided freeway (ten miles in length). All bridges within project limits will be replaced with new offsite site ponds requiring ROW acquisitions. Project challenges includes local rolling terrain condition, drainage, and major horizontal and vertical alignment shift on the mainline as well as the crossroads with bridge overpasses. Project coordination was required for the adjacent project to the north considering the improved conditions anticipated during construction. The project required toll place replacements while maintain existing tolling collection locations. Doug developed the concept MOT Plan which consisted of a plan that maintained all ramp and main lane traffic during all phases of construction. Significant vertical changes in mainline grades required the need to design temporary ramp down to existing roadway to allow construction of the final pavement.			
05/2010 - 12/2013	PORT OF MIAMI TUNNEL, DESIGN-BUILD PORT OF MIAMI Miami-Dade County, FL Senior Maintenance of Traffic (MOT) Design Engineer. Doug was the Senior Design Engineer responsible for MOT during development of the MOT plans for this design/build project. The project impacted traffic along I-95, I-395 and Port of Miami Circulation roadways. Traffic along I-395 was impacted by the Tunnel Portal construction in the median on Watson Island and widening of I-395 that included a 3rd level bridge over the Intercoastal Waterway. On the port side portal, the MOT required managing and separating traffic cargo (secured areas) from cruise traffic through all stages of construction. Doug participated in numerous meetings and coordination efforts. These meetings addressed issues raised by all stakeholders and construction team members. Special attention was required to provide construction access for material delivery and tunnel construction support activities.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Eric Hjelle	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	14	
TITLE	Program and Project Controls	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	13	
DEGREE(S) / YEARS / SPECIALIZATION		MBA Operations Management // BA Construction Management		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A		
YEAR REGISTERED	N/A	DISCIPLINE	N/A	
Contract role(s) / brief description of responsibilities	Eric has over 27 years of experience as a project controls planning & scheduling lead for a variety of governmental and private clients. His experience includes process and procedure buildout related to scheduling via business process requirements analysis, process mapping, and work plan development. Hands-on skills include establishment of schedule baseline planning; resource planning; manpower usage forecasts; and monitoring and updating detailed level project schedules with percent complete, actuals, and trends. Eric will serve as a SCHEDULING EXPERT for this contract.			
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).			
07/2019 - Ongoing	MOVEBR PROGRAM MANAGEMENT Baton Rouge, LA Program Controls Scheduler. The MOVEBR Program was approved by voters to implement a ½ cent sales tax valued at \$1.1 billion. Stantec was selected as one of two Program Managers to oversee a specific group of approved projects that propose to relieve traffic congestion and enhance community roadway corridors throughout East Baton Rouge Parish, Louisiana. MOVEBR comprises 70+ projects, 40+ new capacity improvements, and 30+ corridor and mobility enhancements. As a member of the program mobilization team, Eric performed implementation of standard controls tools and best practices, development of the Program Management Plan (PMP) key sections, and comprehensive planning & scheduling management system to monitor schedules for the duration of the program.			
08/2020 - Ongoing	GREAT HALL IMPROVEMENT & ENHANCEMENT PROJECT DENVER INTERNATIONAL AIRPORT Denver, CO Program Controls Scheduler. Eric is responsible for project controls scheduling on the City of Denver's upgrades to their existing terminal. Stantec Inc. was selected as the principal designer for the project in which upgrades are being made to the Jeppesen Terminal with enhanced security, improved operational efficiency and increased capacity. Using Oracle Primavera P6, he develops detailed design task order-based plans that included activities and relationships to represent the full design scope of work. Cost and resource loaded plans are coordinated to support the Owner's master-level schedule with interface milestones and touchpoint tasks. Periodic updating involves actualizing, cost budget revisions, and forecasting to prepare status tracking, cash flow, and Earned Value reporting.			
05/2013 - 08/2016	SOUTHERN DELIVERY SYSTEM (SDS) PROGRAM COLORADO SPRINGS UTILITIES Colorado Springs, CO Senior Project Controls Engineer. Eric was a project controls team member for Southern Delivery System (SDS), a 62-mile underground water pipeline project that brings water from the Arkansas River to a regional consortium of Colorado Springs area Water Utility Districts. The project also included three raw water pump stations, a water treatment plant, and finished water pump station. Mr. Hjelle was responsible for updating and coordinating project management planning systems. Additionally, Eric provided program controls extension of staff support to ease large volume, provided quality and acceptance review of project level schedules prepared by Contractors and the incorporation of status modifications into the Owner's Master Schedule. After SDS was completed, Eric facilitated integration of lessons learned from the program into Utilities' operations. He provided project management solutions design, team member training, implementation planning, and data migration support.			
08/2016 - Ongoing	WILLAMETTE WATER SUPPLY SYSTEM TUALATIN VALLEY WATER DISTRICT AND CITY OF HILLSBORO Portland, OR Senior Controls Consultant. Eric was a member of the project implementation team for a program that will eventually represent one of the largest wet infrastructure undertakings in the Pacific Northwest. He provided support for the development of integrated business processes to deliver projects, spanning from concept through construction and commissioning. Eric was responsible for selecting and implementing management tools including an integrated risk management process to validate forecast costs and dates. The integrated system succinctly identified the exposure potential of achievement by aligning with estimating and change management practices.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Heidi Peper	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	7	
TITLE	Senior Funding Specialist	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	23	
DEGREE(S) / YEARS / SPECIALIZATION		BA 1995 Community Development/Public Relations		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A		
YEAR REGISTERED	N/A	DISCIPLINE	N/A	
Contract role(s) / brief description of responsibilities	With 30 years of experience in community and economic development, Heidi works on solving complex funding problems—her experience ranges from pedestrian trails to ports, outdoor recreation to brownfields redevelopment, essentially most any community infrastructure project imaginable. Heidi is the US East Lead for Stantec's North American Funding Program, a coordinated network of more than 150 funding specialists across the country. Throughout her career, Heidi has successfully secured \$270 million in grants for clients' projects. Her experience in project development and securing affordable financing packages—including grants, legislative appropriations, and other financial incentive programs—has been a valuable resource in moving projects from concept to construction. Heidi will serve as GRANT APPLICATIONS & AGREEMENTS SPECIALIST for this contract.			
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).			
07/2022 - 10/2022	RECONNECTING CHINATOWN Boston, MA Funding Advisor. Heidi was part of the team that authored a successful Reconnecting Communities application from the US Department of Transportation. The awarded \$1.8 million in grant funds will be used to assess the feasibility of reconnecting the Chinatown neighborhood separated by the construction of Interstate 90 in the 1960s. The project will develop a plan to connect across the open-cut highway by building an open space for the community and prepare design guidelines to link the surrounding streets and facilities.			
10/2022 - 07/2023	NORWALK RIVER VALLEY TRAIL (NRVT) FRIENDS OF NRVT Georgetown, CT Funding Advisor. Norwalk River Valley Trail (NRVT) is a 30-mile regionally significant trail that runs from Norwalk to Danbury. However, there were significant gaps in the trail and NRVT needed funding assistance to complete the trail. Heidi researched, identified and evaluated federal, state and foundation grant programs culminating in a Funding Source Matrix complete with 24 programs and a Funding Strategy of the top four programs to pursue for completion of the NRVT.			
05/2021 - 07/2021	BLUE HILL AVENUE MULTIMODAL CORRIDOR PROJECT Boston, MA Project Funding Specialist. Responsible for supporting the delivery of a transformative multi-modal corridor project for the City's Blue Hill Avenue. Heidi led the team in authoring a successful Rebuilding American Infrastructure with Sustainability and Equity (RAISE) grant application and required submittals, including a Benefit Cost Analysis (BCA) and secured a \$15 million grant for this critical infrastructure project.			
01/2020 - 02/2023	C. REISS COAL COMPANY & CITY OF SUPERIOR Superior, WI Project Funding Specialist. C Reiss Coal Company needed to update their dock facility on the Superior side of the Port of Duluth-Superior, including dredging, dock wall repair and land side improvements. For this \$17.3 million project, Heidi secured more than \$13 million in grants from the Maritime Administration's Port Infrastructure Development Program, Wisconsin Department of Transportation's Harbor Assistance Program, and the US Environmental Protection Agency's Great Lakes Legacy Act.			
02/2022 - 04/2022	ROXBURY RESILIENCY CORRIDORS PROJECT Boston, MA Funding Advisor. Heidi was part of the team that authored a successful Rebuilding American Infrastructure with Sustainability and Equity (RAISE) grant application and required submittals, including a Benefit Cost Analysis (BCA), and secured a \$20 million grant for this critical multi-modal project.			
05/2023 - 08/2023	Maple Lake Comprehensive Safety Action Plan Maple Lake, MN Project Funding Specialist. Heidi secured a grant from the Federal Highway Administration's Safe Streets and Roads for All program. The \$134,576 grant will be used to address varied road safety concerns in developing a Comprehensive Safety Action Plan for this rural community.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Melissa McDaniel, PMP	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	14	
TITLE	Program and Project Controls Specialist	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	18	
DEGREE(S) / YEARS / SPECIALIZATION		BS 1995 Organizational Leadership		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PMP No. 1315627 National N/A		
YEAR REGISTERED	2010	DISCIPLINE	Project Management Professional	
Contract role(s) / brief description of responsibilities	Melissa has 32 years of experience in program and project management, project controls, and business process for a variety of municipal, federal, and private clients. This includes development of best practice processes in program and project management and project controls in various types of contracts and project delivery methods. She is a certified trainer and implementation specialist for a majority of Oracle Primavera products and can design custom training and deployments to meet individual organizational needs. Melissa has served as program controls manager for more than 10 CIP programs ranging from \$500M to nearly \$10B in construction costs. She has traveled across the globe providing customized and standard program and project management, project control, and risk management implementations and training. She focuses primarily on program and project management quality assessments and improvements. Melissa has executed program and project management and controls solutions in the power, construction, engineering, oil and gas, manufacturing, information technology, public and governmental, and transportation industries. She has led and mentored teams of consultants to deploy best practices in program and project management and controls. The teams were responsible for deploying and implementing controls functions and on projects and programs throughout the organizations. Melissa will serve as DOCUMENT CONTROL/PM DATABASE EXPERT for this contract.			
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).			
07/2019 - Ongoing	MOVEBR PROGRAM MANAGEMENT Baton Rouge, LA Program Controls Manager. The MOVEBR Program was approved by voters to implement a ½ cent sales tax valued at \$1.1 billion. Stantec was recently selected as one of two Program Managers to oversee a specific group of approved projects that propose to relieve traffic congestion and enhance community roadway corridors throughout East Baton Rouge Parish, Louisiana. MOVEBR comprises 70+ projects, 40+ new capacity improvements, and 30+ corridor and mobility enhancements. Melissa leads program controls. She assisted with program mobilization by implementing standard controls tools and best practices, documented in the Program Management Plan (PMP), to monitor schedules and costs for the duration of the program.			
07/2007 - 01/2010	NEW ORLEANS RECOVERY PROGRAM New Orleans, LA Subject Matter Expert. Melissa implemented Primavera P6 to manage the project schedule and cost for over 400 active and planned projects in this recovery program where Stantec advised and assisted the City in overseeing the assessment, rehabilitation, replacement, and strategic improvement of City buildings and infrastructure following the devastation of Hurricane Katrina. As Program Manager, Stantec managed and expedited the repair and reconstruction of police and fire stations, streets, recreation centers, court buildings, museums, libraries, parks, underground utilities, and associated infrastructure as part of the rebuilding effort. Stantec brought the staffing and expertise to ensure rebuilding projects move as efficiently as possible. These projects involved complex funding and cost reporting requirements to comply with reimbursement requirements from the various funding sources. Melissa aided in developing and implementing a comprehensive project website, providing information to the public on the status of the recovery efforts and detailed project information. Data from Primavera P6 is linked to the Google Map interface to allow easy access and searching for project information.			
10/2001 - Ongoing	ATLANTA PROGRAM MANAGEMENT SERVICES TEAM Atlanta, GA Program Controls Manager & Subject Matter Expert. Melissa assisted in the RFP process with proposal schedules and cost estimates, developed and maintained cost and resource-loaded project/program schedules, tracked daily incurred cost and schedule progression, and performed project cost/schedule analysis. She assisted with the procurement of design and construction contracts as well tracking the change management process. She migrated Primavera Expedition from various local office servers to an enterprise-wide solution accessible to all project stakeholders. Once awarded the program, Melissa served on the mobilization team for initial set up of the project management information systems in 2001 including Primavera products, SharePoint, and reporting tools. She transitioned into the program controls manager responsible for establishing the processes and procedures for controlling the program. Melissa's work as program controls manager led to completion of over 1,000 on-time milestones and kept the program on schedule and on budget. Currently, Melissa serves as a subject matter expert for the program, providing as-needed review and updates of program processes and procedures.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.			
NAME	Scott Hoffeld, CEP		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER		6
TITLE	Senior Project Manager, Environmental		YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)		26
DEGREE(S) / YEARS / SPECIALIZATION		MS 1994 Resource Management and Administration; BA 1989 Economics			
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		CEP No. 02040408 LA N/A			
YEAR REGISTERED	2002	DISCIPLINE	Certified Environmental Professional of the Academy of Board Certified Environmental Professionals		
Contract role(s) / brief description of responsibilities	Scott is a Senior Environmental/Transportation Planner and Economist with 32 years of NEPA and permitting experience for LADOTD, spanning from EAs, CEAs and re-evaluations to complete multi-phased and 3rd party EISs and supplemental EISs. His project experience has included IJR's; hazardous materials; and EJ outreach/involvement, impact and mitigation analyses; and the use of benefit-cost analysis in public-project alternative investment and decision-making. He has completed the DOTD TEPR training, NHI NEPA Decision-Making course among many others. Scott will serve as ENVIRONMENTAL & PERMITTING SERVICES LEAD for this contract. Scott meets the following Minimum Personnel Requirements (MPRs) as specified in the advertisement: 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).				
07/2015 - Ongoing	I-49 LAFAYETTE CONNECTOR LADOTD Lafayette, LA Assistant Program Manager and Prime Env. Program Lead. Scott is assisting with the program management task, including overseeing staff and agency coordination, schedule maintenance/adherence, contracting, invoicing, and other. As the program prime's Environmental SME, Scott coordinates closely with the LCP task and firm leads on Environmental SEIS tasks/deliverables content, quality and schedule. Scott's work also includes the close coordination of LCP strategy to comply with evolving NEPA expectations based on FHWA and FAA concerns; as well as strategizing to expedite delivery of the project through various NEPA compliance and construction phasing options. Work will ultimately involve LCP coordination of a DOTD Joint Use Agreement with the Lafayette Consolidated Government for under-structure use of viaduct's rights of way.				
10/2015 - 03/2017	EA AND REEVALUATION FOR DIJON EXTENSION IMPROVEMENTS CITY OF BATON ROUGE H.012233/H.012232 Baton Rouge, LA Project Manager. Responsible for EA and public outreach for short connector roadway between LA 3064 (Essen Lane) and LA 1248 (Bluebonnet Boulevard) in Baton Rouge. The project involved coordination with the Our Lady of the Lake and The General hospitals regarding future development plans, as well as consideration of future bikeway plans for the City of Baton Rouge.				
01/2003 - 07/2008	I-69 ENVIRONMENTAL IMPACT STATEMENT, SIU NO.14 LADOTD/ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT Shreveport, LA and El Dorado, AR Deputy Project Manager. Scott served as Deputy Project Manager for section of independent utility number 14, spanning between Shreveport, LA and El Dorado, AR through a rural timber and poultry farming area. The study area is studded with historic properties and oil wells among parcels of the Kisatchie National Forest properties, the Bodcau Wildlife Management Area, and the Bodcau Reservoir Recreational Area. Bayou Dorcheat, a Louisiana scenic stream, must be crossed with a new structure that must be designed and ameliorated to avoid and minimize adverse effects to Bayou Dorcheat's scenic uses.				
02/2004 - 09/2005	I-210 AT COVE LANE INTERCHANGE IMPROVEMENTS AND EA LADOTD Lake Charles, LA NEPA Project Manager. Scott worked with Stantec, formerly ABMB during this project. He served as NEPA Project Manager for this aggressive seven-month NTP to FONSI, high-profile interstate interchange improvement project in Lake Charles. Project need is related to a new casino special traffic generator. Expedited work included completion of outreach, field work, and analysis of six build alternatives within six weeks of the NTP. Special NEPA documentation and review protocols were proposed and approved by LADOTD and FHWA, enabling environmental streamlining and reduction of schedule by over 55 percent.				
04/2010 - 10/2014	EA FOR CHEF MENTEUR BRIDGE AND APPROACHES REPLACEMENT - WITH FONSI LADOTD Orleans Parish, LA Project Manager. Scott was the project manager for a high-priority bridge replacement EA and Line and Grade Study, responsible for coordination and technical assessment of key issues. Both movable and fixed-span designs are under consideration along three alignments in an area of notable environmental and design challenges. Built in 1930, the existing US 90 swing-span bridge over Chef Menteur Pass has two 10-foot lanes, no shoulders and a bridge sufficiency rating of 37. Environmental constraints include the abutting Venetian Isles subdivision, Fort Macomb structure and state parkland, terrestrial and submerged archaeological sites, and the Bayou Sauvage National Wildlife Refuge. Intensive public and agency outreach and involvement was initiated along with computerized renderings of postconstruction views to be used in the effort.				

01/2010 - 12/2015	EA/IMR AND ROUNDABOUTS ANALYSIS FOR KANSAS LANE - GARRETT ROAD CONNECTOR AND I-120 INTERCHANGE LADOTD Monroe, LA Project Manager. Scott served as Project Manager for an I-20 interchange improvement abutting the Pecanland Mall in Monroe. Coordination was required with the Kansas City Southern railroad in the evaluation of alternative crossing locations and bridge/tunnel options. Railroad crossing safety improvements were evaluated and costed. Local mall-patron travel patterns were evaluated in detail along with potential roundabout options, which included combining frontage roads with I-20 ramps.
01/2001 - 12/2002	GRAMERCY-WALLACE BRIDGE NEEDS AND ALTERNATIVES ANALYSIS, AND WETLAND PERMITTING ASSISTANCE LADOTD St. John the Baptist and James Parishes, LA Project Transportation and Environmental Planner. Responsible for developing needs statement, alternate constraints map, and alternate alignments, as well as the preparation of the supplemental information report and graphics. The project proposes to complete a section of a bridge approach, delayed by funding issues. The extension/completion of the West Bank Approach was documented as a very important link for hurricane evacuation, as well as providing local and commercial transportation benefits through reduced travel times and lower average operational costs per mile. Eight alternate alignments were developed. Detailed preliminary conceptual cost estimates were prepared, and all alignments were compared in a matrix. The proposed alignment is currently under permitting with the USACE.
01/2020 - Ongoing	MOVEBR ENHANCEMENT PROGRAM City of Baton Rouge, LA Project Manager and Environmental SME. Responsible for developing protocols for Environmental Compliance for Enhancement and Capacity Programs, and serving as Quality Control and Assurance representative for all Enhancement Program Environmental tasks. Also serving as program manager for enhancement program projects including the Plank Segment 2 (Dawson – Harding/Hooper), College Drive Corridor Congestion Relief Project and the Plank-Nicholson Bus Rapid Transit Project. Duties include coordination with DOTD, federal agencies and local interests, monitoring and implementing quality-control/assurance checks, and evaluating scope/budget issues so that overall schedule may be maintained. Duties for the Bus Rapid Transit project also included complex coordination among City-Parish, CATS, FTA, CRPC, MOVEBR Program and the Consultant team in the programming and routing of federal grant funding and the amendment of the City-Parish/CATS Memorandum of Understanding for funding and responsibility divisions.
07/1996 – 11/1998	ENVIRONMENTAL IMPACT STATEMENTS AND ENVIRONMENTAL JUSTICE ANALYSIS: WILMINGTON BYPASS CORRIDOR STUDY Wilmington, NC Project Coordinator and Environmental Planner. Prepared Environmental Impact Statement and Corridor Location Report for the Wilmington Bypass for two major sections: a 13-mile controlled-access roadway from US-17 to US-421 northeast of Wilmington; and a 10-mile controlled-access roadway from I-40 to US-421 northeast of Wilmington. Task Manager, Methodologist and Principal Author. A method was developed to determine if the proposed project would effect disproportionate impacts to any minority or low-income population. Census data (block and block group) were aggregated in the development of reference populations for both minority and low-income populations in the study area. This reference population was used to determine a theoretical proportionally impacted populations (minority and low-income) that were then compared to the affected populations to determine if the project effected disproportionate impacts and these sub-groups. The methodology was showcased at the 1998 TRB conference and documented in Lane, Hoffeld, Griffin (1998) "Environmental Justice Evaluation" Transportation Research Record No. 1626.
01/2008- 12/2008	DICKSON SOUTHWEST BYPASS EIS, DICKSON COUNTY TDOT Tennessee Quality Control Coordinator and Economist for Environmental Impact Statement. This project included a proposed bypass on new location around southwest Dickson. The proposed bypass is approximately 10 miles in length, and connects US-70 to SR-46 and/or I-40. Economic and business impacts were assessed through business surveys, use of BEA RIMS II multipliers and an assessment of transportation costs and benefits among alternatives.
01/2000 – 12/2001	JEFFERSON PARISH ROADWAY IMPROVEMENT PROGRAM MANAGEMENT NEPA STUDIES Jefferson Parish, LA NEPA documentation Quality Assurance Coordinator. The Jefferson Parish Roadway Improvement Program consists of 47 individual road projects ranging from intersection improvements to new roadways. Mr. Hoffeld is responsible for conducting scheduled reviews of environmental documentation and analyses prior to submittal to the LDOTD and FHWA, as well as coordinating the delivery of all environmental documentation between the LDOTD and the consultants working on the effort, which number over 20.
01/2015 – 07/2017	EA FOR US 11 NORFOLK SOUTHERN RAILROAD OVERPASS REPLACEMENT (H.000688) LADOTD St. Tammany Parish, Louisiana Project Manager. Project includes replacement and widening of the US 11 roadway overpass of the Norfolk Southern Railroad in Slidell, Louisiana. Project includes the evaluation of partial and full-access intersection options and bridge alignment and type alternatives for the heavily skewed and long steel span bridge in this urban area of Slidell, Louisiana. Key issues include the historic status of the bridge, commercial parking impacts, use of the Norfolk southern right of way, and travel pattern changes following the construction.

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Bryan Mason	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	5	
TITLE	Senior Project Manager	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	21	
DEGREE(S) / YEARS / SPECIALIZATION		MA 2003 Anthropology // BA 1996 Anthropology		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A		
YEAR REGISTERED	N/A	DISCIPLINE	N/A	
Contract role(s) / brief description of responsibilities	Bryan has 26 years of National Environmental Protection Act (NEPA) experience with a wide variety of project and client types. Managed several large-scale survey and permitting projects; Directed field projects for archaeological survey, testing, and excavation projects (Phases I, II, and III); Completed United States Corps of Engineers (USACE) Section 404 permitting for projects including pipelines and industrial facilities; Assisted clients in siting of pipelines and facilities; Project planning, client and agency negotiation, field work, report writing, laboratory analysis, statistical analysis, and computer graphics; Written NEPA reports including Environmental Impact Statements and Environmental Assessments; Task management and project controls of large Federal Energy Regulatory Commission (FERC) projects; Directed projects requiring oversight by numerous agencies including the Texas Commission on Environmental Quality (TCEQ), USACE, U.S. Fish and Wildlife Service (USFWS), Texas Parks and Wildlife (TPWD), and various State Historical Preservation Offices, especially the Texas Historical Commission (THC). Bryan will provide NEPA/PERMITTING & MITIGATION services for this contract.			
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).			
10/2023 - Ongoing	EAST KENTUCKY WIDENING PROJECT (H015471) CITY OF RUSTON/LADOTD Ruston, LA Environmental Manager. Bryan oversaw the surveys and USACE permit application development for the widening and drainage improvements of a 1.25-mile-long segment of East Kentucky Avenue.			
08/2022 - 03/2024	HOOPER PARK SANITARY SEWER REPLACEMENT CITY OF ARLINGTON Arlington, TX Environmental Manager. Coordinated field surveys and permitting efforts for this sanitary sewer replacement. Permitting required included USACE, USFWS approvals, and Texas Historical Commission.			
07/2022 - 07/2023	RIDG-DIXO REPLACEMENT ENBRIDGE Sumner County, TN Project Manager. Coordinated field surveys and permitting efforts for this 1-mile long natural gas pipeline replacement. Permitting required included USACE, Tennessee Department of Environment and Conservation, and FERC approvals.			
03/2019 - 08/2020	TEXAS CITY HYDROGEN PIPELINE Air Products Texas City, TX Project Manager. Bryan worked with Air Products on routing selection and early permitting decisions for a 35 mile hydrogen pipeline from Baytown to Texas City, Texas. Once a project was identified, Bryan managed team of field staff and office support staff for the survey, reporting, and permitting (including a USACE Nationwide 12 permit) and was also an integral part of the client project team, participating in weekly project meetings, working directly with regulators, and developing project strategies.			
02/2017 - 08/2020	TEXAS CRUDE OIL LOADING TERMINAL Enbridge Brazoria County, TX Project Manager. Bryan worked closely with Enbridge and managed a team to identify potential locations throughout southern Texas for a potential land-based oil terminal to support a future offshore terminal. He was instrumental in assisting to develop permitting timelines and cost estimates for various scenarios associated with the project Bryan also managed the survey and reporting and supported Enbridge in permitting efforts for the ultimately identified project.			
05/2014 - 09/2016	LIQUID NATURAL GAS TERMINAL AND PIPELINE Semptra Southwest, LA and Southeast, TX Project Controls/Task Manager. Bryan managed the financial aspects of this large FERC project and served as field manager for the field crews completing surveys (wetland delineation and cultural resources) for the project. During this project, Bryan assisted in identifying out of scope work to be completed for this project and worked with the client on developing appropriate budgets for this work.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Brenton Jenkins, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	4	
TITLE	Senior Project Manager	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	20	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2013 Environmental Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 42319 LA 09/30/2026		
YEAR REGISTERED	2018	DISCIPLINE	Environmental Engineer	
Contract role(s) / brief description of responsibilities	Brenton has worked as a project manager, project coordinator, and project engineer for various private and public sector clients. His experience and responsibilities encompass multiple aspects of environmental consulting including project management, engineering design, permitting, and assessments, primarily in the oil and gas sector. Brenton will provide NEPA/PERMITTING & MITIGATION services for this contract.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
11/2019 - 06/2024	EVANGELINE PASS EXPANSION PROJECT TENNESSEE GAS PIPELINE COMPANY LA Project Manager. Brenton is the project manager in support of engineering, environmental, and consulting services for a natural gas pipeline project in southern Louisiana. The project requires an authorization under the Natural Gas Act from the Federal Energy Regulatory Commission (FERC). Brenton is assisting the client with coordinating civil surveying, geotechnical investigations, and filing of applicant-prepared resource reports as part of the FERC National Environmental Policy Act (NEPA) review process as well as overseeing the other federal and state consultations and permit applications.			
02/2021 - 09/2023	TENNESSEE VALLEY AUTHORITY, ROCKWOOD CAMPGROUND AND MARINA ENVIRONMENTAL ASSESSMENT (EA) AND FY21, FY24 ECONOMIC DEVELOPMENT EAS Multiple States Project Engineer. Brenton supported the Tennessee Valley Authority Economic Development InvestPrep and Product Development Projects Environmental Assessments – TVA Service Area, Multiple States. The team was tasked with producing Environmental Assessments following TVA's NEPA protocols and review procedures as part of the Economic Development InvestPrep™ Product Development Projects. The projects required the team to work with local communities and TVA to successfully clear and permit a variety of industrial development venues. Brenton was responsible for reviewing transportation related impacts of the proposed actions and drafting pertinent sections of the EA documents.			
09/2022 06/2024	TRISO-X FUEL FABRICATION FACILITY Oak Ridge, TN Project Manager. Brenton was responsible for reviewing transportation related impacts of the proposed actions and drafting pertinent sections of the EIS documents. The proposed project will use special nuclear material to produce Triso-X fuel. This project requires compliance with NRC NEPA guidelines and Brenton is part of the third-party team producing the EIS. This project requires reviewing applicant prepared resource reports and other materials and comparing to federal and state guidelines to determine if there are data gaps necessary to complete the NEPA documentation.			
02/2022 - 10/2023	EPP FLEX COMPRESSOR STATIONS 527, 534, AND 538 TENNESSEE GAS PIPELINE COMPANY LA and MS Project Manager. Brenton is the project manager providing professional services to assist Tennessee with identifying regulated environmental features in support of the acquisition of all permits and other regulatory approvals for the EPP Flex Projects at Compressor Stations 527, 534, and 538. The scope includes the survey for pertinent environmental resources, and coordination and authorization with all associated federal, state, and local agencies. The 527 project qualifies as auxiliary facilities under 18 Code of Federal Regulations (CFR) 2.55(a).			
03/2021 06/2022	LOUISIANA'S GATEWAY TERMINAL Plaquemines Parish, LA Project Manager. Brenton is the project manager in support of engineering, environmental, and consulting services for a proposed ±1,155 acres greenfield site in Plaquemines Parish Louisiana. The project consists of a 2,500-foot wharf, three finger piers, 66-acre container terminal, 11-acre containerized natural gas facility, and a 37-acre container yard. Brenton is assisting the client with coordinating engineering, civil surveying, geotechnical investigations, and overseeing the federal and state consultations and permit applications.			
01/2015 12/2015	TAYLOR ENERGY, PINE PASTURE Bell City, LA Project Manager. Brenton served as the project manager for the investigation and delineation of three areas of concern encompassing approximately 300 acres of post-litigation exploration and production assets. Project responsibilities included the development of scoping documents, scheduling, and coordination with stakeholders, regulatory agencies, and adjacent operators.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Dana Taggart, BA, MA, RPA	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	3	
TITLE	Principal Investigator - Louisiana; Bioarchaeologist/Forensic	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	10	
DEGREE(S) / YEARS / SPECIALIZATION		MA 2020 Applied Anthropology // BA 2005 Anthropology		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		Registered Professional Archaeologist #5773 / Nationwide / N/A		
YEAR REGISTERED	2023	DISCIPLINE	Archaeology	
Contract role(s) / brief description of responsibilities	Dana has 13 years of professional experience encompassing a broad array of archaeological knowledge and skill, from cultural resource management and archaeological surveys performed in Humboldt County, California; excavations and data recovery, historic and prehistoric artifact analysis, curation, and research focused in the states of California, Texas, and Louisiana, as well as in Belize; to historic preservation and research in Rome, Italy. Dana has been previously employed as a Staff Archaeologist with Applied EarthWorks in Lompoc, with Dudek in Santa Barbara, and with R. C. Goodwin in New Orleans, among others. Her previous assignments have involved projects at Vandenberg Space Force Base (VSFB) in Santa Barbara County, California, as field supervisor and crew lead for Section 106 and Section 110 studies for several launch sites; archaeological investigations in support of infrastructure improvements with the Union Pacific Railroad; a multiyear faunal analysis & cataloguing project in support of remediating a historic military collection; multiple remains recovery projects for the Humboldt County Sheriff's Department; CEQA compliance research and fieldwork for the Montecito Fire Department and several cities and counties in California; and extensive surveying, data recovery, and curation projects in and around the state of Louisiana for both private and public entities. Dana will provide SECTION 106/ARCHAEOLOGY services for this contract.			
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).			
08/2023 - 12/2023	FM 1138 PROJECT TXDOT Dallas, TX Principal Investigator. Principal Investigator responsible for cultural resources for this project.			
09/2023 - Ongoing	RACCOON ISLAND RESTORATION PROJECT BAIRD/NOAA US Gulf Principal Investigator. Principal Investigator responsible for cultural resources for this project.			
03/2023 - 03/2024	PINEY WOODS SOLAR PROJECT DESRI Huntsville, TX Project Archaeologist. Project Archaeologist responsible for project scoping and planning, fieldwork, and reporting.			
04/2023 - 12/2023	LA 604 PHASE 1 ARCHAEOLOGICAL & ABOVE-GROUND HISTORIC RESOURCES SURVEY LADOTD Tensas Parish, LA Project Archaeologist. Project Archaeologist responsible for project planning, fieldwork, and reporting.			
04/20220 - 08/2022	TRAILS AT LYONS CANYON PROJECT Santa Clarita, CA Field Supervisor. Field Supervisor responsible for project planning, fieldwork, research, and reporting.			
06/2022 - 09/2022	CULTURAL SERVICES FOR THE CALIFORNIA LEASE REMEDIAL AREAS AND UNITED CALIFORNIA WELL PADS PROJECT Langan, CA Field Supervisor. Field Supervisor responsible for fieldwork, research, and reporting.			
03/2021 - 09/2021	PHASE 2 ARCHAEOLOGICAL INVESTIGATIONS IN SUPPORT OF PROPOSED REPLACEMENT OF THE UNION PACIFIC RAILROAD (UPRR) TRESTLE AT HONDA CANYON ALTHOUSE & MEAD AND UPRR Vandenberg Space Force Base, CA Crew Lead & Faunal Analyst. Crew Lead & Faunal Analyst responsible for research, fieldwork, and reporting.			
07/2020 - 12/2021	PHASE 2/PHASE 3 ARCHAEOLOGICAL STUDY AT MARTIN BEHRMAN CHARTER SCHOOL FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) New Orleans, LA Field Technician. This was large-scale data-recovery project at Martin Behrman Charter School. It involved Phase I, phase II, and phase III investigations, data analysis, and artifact analysis, research, and curation. Artifacts analyzed included diverse faunal remains, historic glass and ceramics, building materials, and other historic objects.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Emily Reed	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	11	
TITLE	Principal, Senior Architectural Historian	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	8	
DEGREE(S) / YEARS / SPECIALIZATION		MS 2010 Historic Preservation // BA 2006 History and Architectural History		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A		
YEAR REGISTERED	N/A	DISCIPLINE	N/A	
Contract role(s) / brief description of responsibilities	Emily is a Senior Architectural Historian with 19 years of experience in property assessments, historic preservation, and related work, including research, documentation, and regulatory compliance. She manages a team of 15 historians in four states. She has 16 years of experience supervising Section 106 compliance. Her expertise includes surveying, assessing, and documenting historic properties and determining eligibility for the National Register of Historic Places in compliance with Section 106 and NEPA; Section 4(f) determinations; archival research; and historic context development. She exceeds the Secretary of the Interior's professional qualifications for Architectural Historian. Emily will provide SECTION 106/HISTORIC ARCHITECTURE services for this contract.			
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).			
02/2023 - 10/2023	HISTORIC RESOURCES SURVEY FOR LOUISIANA STATE HIGHWAY 604 LADOTD Tenas Paris, LA Principal Investigator. Through Stantec's on-call contract with LADOTD, Stantec conducted a cultural resources survey for proposed improvements to Louisiana State Highway (LA) 604, including realigning the roadway as part of a larger USACE project to expand the levee that LA 604 currently parallels. As the project required authorization from USACE, it was subject to compliance with Section 106 of the National Historic Preservation Act. Stantec historians coordinated with LADOTD and USACE staff to establish the APE, prepared a research design with historic context, conducted field survey, and made recommendations regarding NRHP eligibility and effect. Stantec documented 47 above-ground historic resources on Louisiana Historic Resources Inventory forms. The project required evaluation of Lake Bruin State Park, established in 1956, and a nearby mid-century neighborhood.			
09/2018 - 01/2020	RECONNAISSANCE & INTENSIVE HISTORIC RESOURCES SURVEY OF US 79 FROM IH-35 TO EAST OF FM 1460 IN ROUND ROCK Williamson County, TX Principal Investigator. Principal Investigator for TxDOT reconnaissance survey of 64 resources and Section 106 evaluation. Project also included an intensive survey of 3 properties. Prepared research design and conducted fieldwork and research. Intensive work included deed research, oral history interviews, architect research, and a comparative analysis of children's homes across the state. Recommended revised NRHP boundary for NRHP-listed resource and recommended another property eligible for the NRHP. Applied criteria of adverse effect to historic properties for compliance with Section 106. Assessed use under Section 4(f) and developed documentation in support of de minimis Section 4(f) finding. TxDOT and SHPO concurred with findings.			
04/2023 - Ongoing	CULTURAL RESOURCES OVERSIGHT ASSISTANCE FOR LOCAL PUBLIC AGENCY PROJECTS MISSOURI DOT Statewide, MO Principal Investigator. Assists the Missouri Department of Transportation (MoDOT) with cultural resources reviews for projects sponsored by Local Public Agencies (LPAs) receiving funding from MoDOT. Serves as an extension of MoDOT staff and provide advisory and oversight review of materials submitted by LPAs for compliance with Section 106 of the National Historic Preservation Act and Section 4(f) of the DOT Act. Reviews project plans to determine whether various programmatic agreements apply to the project and then makes determinations regarding any required cultural resources investigations. Assists LPAs in defining an area of potential effects and evaluate recommendations regarding eligibility and effect. Provides National Register of Historic Places eligibility evaluations for all bridges that may be affected by proposed projects. Attends a monthly call with the Missouri SHPO to receive project and program updates.			
11/2017 - 04/2023	DIVISION OF ST. JOHN NRHP UPDATE Covington, St. Tammany Parish, LA Principal Investigator. Comprehensive and up-to-date inventory of properties within the Division of St. John NRHP District. Re-surveyed resources documented in the original NRHP nomination and document resources that had reached historic-age since the 1982 listing. Also included a windshield survey of surrounding neighborhoods to identify potential district expansion areas and identify and document select properties with potential historical significance. In total, 300 resources were documented on our tablet-based data collection system that incorporated information from the NRHP nomination and a previous survey. Deliverables included the historic context, recommendations for an NRHP boundary change, identification of contributing and noncontributing resources within the existing NRHP district, results of the windshield survey, and eligibility recommendations for the surround area. Following the survey, the City retained Stantec to prepare an update to the NRHP nomination. The nomination establishes periods of significance, revises the areas and level of significance, decreases the boundary, and reevaluates the properties in the district. It was listed in the NRHP in 2023.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Mary Martin	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	37	
TITLE	Lead Noise Analyst	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	8	
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	Mary has 45 years of transportation planning experience including 17 years as the primary technical analyst for Stantec for air quality and traffic noise studies. She is currently embedded on an as-needed basis with NCDOT's Traffic Noise & Air Quality Group. Mary has attended a range of air quality and noise analysis training, and has also used PAL 2.0. She has also assisted in the preparation of NEPA environmental documents including Environmental Impact Statements (EIS), Environmental Assessments (EA), and Categorical Exclusions (CE). Mary will provide NOISE MODELING services for this contract.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
01/2023 - Ongoing	I-40/SR 2500 (BLUE RIDGE ROAD) IMPROVEMENTS NCDOT Black Mountain, NC Project Lead. Responsible for a Traffic Noise Report for the proposed improvements at I-40 and SR 2500 (Blue Ridge Road). NCDOT proposes converting the existing I-40 and Blue Ridge Road (SR 2500) grade separation to an interchange, replacing the Blue Ridge Road bridge over the Swannanoa River, and widening Blue Ridge Road to three lanes in the vicinity of the interchange. The proposed project would also construct a roundabout at the intersection of Blue Ridge Road and NC 9. The project is in Black Mountain, in Buncombe County, NC. Design Year 2040 Build condition traffic noise is predicted to impact 38 noise-sensitive receptors near the project for the Build Alternative. Consideration for noise abatement measures was given to all impacted receptors. No traffic noise abatement measures met NCDOT Policy feasibility and reasonableness criteria. The Traffic Noise Report is currently under review.			
09/2022 - Ongoing	IMPROVEMENTS TO THE I-485/I-85 INTERCHANGE IN WEST CHARLOTTE NCDOT Mecklenburg County, NC Project Lead. Responsible for a Traffic Noise Report for the proposed I-485/I-85 interchange improvements in West Charlotte, NC. The interchange currently experiences high levels of congestion and poor operations. Improvements include widening the existing I-485 ramp and bridge over the off-ramp to Sam Wilson Road, construction of a new collector-distributor road parallel to I-85 southbound that passes under Sam Wilson Road via a new grade separation bridge to be constructed between the existing I-85 grade separation bridge and existing interchange ramps, the relocation of Sam Wilson Road to the I-85 southbound on-ramp that will tie into the collector/distributor road and widening along I-85 southbound as necessary for merging/traffic operations. The construction limits will be approximately 1.7 miles. The project work plan and validation memo have been completed and approved by NCDOT. The project is currently ongoing.			
07/2022- Ongoing	LONG POINT ROAD INTERCHANGE IMPROVEMENTS SCDOT Mt. Pleasant, SC Project Lead. Responsible for a Detailed Traffic Noise Analysis. This project's purpose is to improve the operations of the I-526 mainline and its interchange at Long Point Road as well as reduce operational conflicts between port related and local traffic within the study area and provide access to homes, businesses, schools, parks, restaurants, commercial and industrial facilities along Long Point Road. The interchange provides access to South Carolina Ports Authority's (SCPA's) Wando Welch Terminal (WWT), which serves as a hub for the distribution of freight from the WWT throughout the southeast United States. The need for the project is demonstrated by the existing interchange deficiencies, growing automobile, and truck traffic on I-526 and Long Point Road, and population and economic growth. Design Year 2050 build condition traffic noise is predicted to impact 456 receptors, including 446 residences (NAC B), four (4) community swimming pools (NAC C), and 21 grid points along the Kearns Park trail that have an equivalent receptor value of six (6) (NAC C). Consideration for noise abatement measures was given to all impacted receptors. Traffic noise impacts are predicted to occur in 11 of the 16 identified Noise Study Areas (NSAs). Four noise walls have been recommended for construction. Stantec is in the process of preparing balloting packages for more than 750l receptors that would receive a benefit from the proposed walls.			
09/2020 - Ongoing	PALMETTO COMMERCE PARKWAY PHASE 3 (PCP3) CHARLESTON COUNTY, SC North Charleston, SC Project Lead. Responsible for a Detailed Traffic Noise Analysis for the third and final part of a three-phased roadway project. The project is designed to provide improved traffic operations, better opportunities for bicycle and pedestrian use, and enhanced access to commercial and industrial lands in North Charleston. Phase 1 and 2 have already been constructed and included a 4-lane parkway with landscaped medians, a multiuse (walking and bicycle) path, traffic signals, and lighting. The first two phases provided a connection between Ladson Road and Ashley Phosphate Road. The PCP3 Project is proposed to continue the roadway south from Ashley Phosphate Road to Remount Road and will provide an alternative route to access I-26 and I-526. All three phases of the parkway and related improvements will result in more than 8 miles of new and improved roadway. The project work plan and validation memo have been completed and approved by Charleston County.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Eric Clark, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	14	
TITLE	Air Permitting and Compliance Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	3	
DEGREE(S) / YEARS / SPECIALIZATION		MS 2010 Civil Engineering // BS 2003 Environmental Science		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 15975 ID 05/31/2028		
YEAR REGISTERED	2014	DISCIPLINE	Environmental Engineer	
Contract role(s) / brief description of responsibilities	Eric has 15 years of experience in air quality projects some of which are transportation-based. He has extensive experience working in environmental engineering, with emphasis on air quality. At Stantec, Eric has prepared several air quality permit applications for clients in Idaho, Utah, Arizona, California, Nevada, Colorado and Wisconsin among others. He has completed PSD applicability and BACT analyses, emission inventories, NSPS applicability reviews, Title V applications, AERMOD modeling, MACT applicability analyses, Calpuff modeling, CalEEMod, and MOVES/MOBILE6 transportation emissions modeling. Eric has also contributed to the air quality sections of numerous NEPA projects throughout the western U.S including that include transportation impacts. Eric will provide NEPA/PERMITTING SERVICES (AIR QUALITY) for this contract			
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).			
05/2023 - Ongoing	CAYMAN ISLANDS GHG ASSESSMENT Grand Cayman Island Senior Engineer. Stantec is developing expected greenhouse gas (GHG) emissions associated with a new road project on Grand Cayman Island. My role is to conduct EPA MOVES modeling runs to assess potential GHG emissions for a number of potential baseline, build and no build scenarios ranging from 2021 through 2074. MOVES is being utilized for both construction-related and traffic-specific emissions. Traffic data is being analyzed for a series of road links and intersections to establish the recommended build alternative. There are two general phases. First is an establishment of a short list of alternatives and determine GHG emissions for all options and provide a recommended preferred alternative. Second, conduct a refined analysis of the selected alternative.			
09/2020 - 12/2022	MUIRKIRK ROAD CAMPUS MASTER PLAN Laurel, MD Project Engineer. The United States General Services Administration required an air quality assessment as part of a Master Plan relating to a new Food and Drug Administration campus in Maryland. Mobile sources modeling was conducted using CAL3QHC for carbon monoxide hot spot analysis. MOVES was also used to establish emissions for existing conditions (2021) and future 2030 and 2040 for peak AM and PM traffic. The worst case intersection was assumed from traffic data and applied conservatively for other 12 intersections in the project area. Emissions analyzed included PM2.5, NOx and VOC. Additionally, MSAT exposure levels for a series of hazardous pollutants was conducted. Lastly, a series of stationary sources were also incorporated into the analysis			
09/2023 - 01/2024	GHG ANALYSIS EXIT 3 INTERCHANGE SOUTH CAROLINA DOT Jasper, County, SC Project Engineer. A GHG & MSAT analysis is being conducted using MOVES 4.0 for traffic emissions at the County Level Scale and construction emissions are incorporated			
12/2022 - 06/2023	VERO FIBER OPTIC LINE Numerous Counties, NV Project Engineer. A NEPA project was completed for a new fiber optic line from Reno to Las Vegas in Nevada. MOVES was applied to establish all non-road construction tailpipe emissions as well as on-road traffic emissions from commuter and delivery vehicles. Pollutants evaluated included all criteria pollutants (PM, NOx, CO2, SO2 and VOC) and GHGs			
2023	VICTOR BENEFIT-COST ANALYSIS, Victor, NY Project Engineer. MOVES was applied to establish emissions for a benefit-cost analysis for a pavement reconditioning project of Interstate 90 in Victor, NY. Gram per hour rates of CO2, NOx, PM (PM2.5/10) and SO2 emissions were determined for 2026 and 2036. Emissions were established based on average congested and free-flow traffic speeds for a build and no-build scenario. Exhaust and brake wear/tire wear processes were modeled.			
05/2019 - 05/2021	TRANS WEST LINK EIS, Arizona and Riverside County, CA Project Engineer. Creation of a transmission line from Phoenix to Riverside County California; Developed all air quality related written sections of the EIS, updated and created numerous emissions inventories			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Amy Sackaroff, AICP	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	24	
TITLE	Senior Transportation Planner/NEPA Specialist	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	2	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2002 Environmental Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		Certified Planner No. 169653 LA N/A		
YEAR REGISTERED	2007	DISCIPLINE	Planning	
Contract role(s) / brief description of responsibilities	Amy has 26 years of experience in developing sustainable solutions for complex infrastructure projects. She has managed the development of Environmental Impact Statements, Environmental Assessments, Categorical Exclusions, and associated technical studies pursuant to the National Environmental Policy Act, including Community Impact Assessments and Indirect and Cumulative Effects Assessments. Her work also encompasses preparing Environmental Justice Analyses, Section 4(f) Evaluations, and Section 6(f) Evaluations. In addition to project management, environmental investigations, and document preparation, Amy's responsibilities frequently include interagency coordination and public engagement. Amy also leads the development of Environmental Justice engagement and impact analyses pursuant to Executive Order 12898 (Federal Actions to Address Environmental Justice to Minority and Low-Income Populations) and Federal Highway Administration Order 6640.23A (FHWA Actions to Address Environmental Justice in Minority Populations and Low-Income Populations). Her attention to detail, ability to distill and integrate information from disparate fields including natural systems, engineering design, and the social environment allow her to identify downstream concerns early in the project development stage, ensuring the accurate assessment of a project's design constraints and potential impacts on the natural and social environment. Amy will provide NEPA PLANNING/COMMUNITY IMPACT ASSESSMENTS for this contract.			
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).			
03/2015 - Ongoing	I-526 LOWCOUNTRY CORRIDOR WEST Charleston, SC Community Studies and Environmental Justice Lead. Responsible for guiding the development of an Environmental Justice (EJ) Analysis, EJ outreach plan, EJ mitigation plan, Community Impact Assessment (CIA), Indirect & Cumulative Effects (ICE) Assessment, Section 4(f) Evaluation, Visual Impact Assessment (VIA), Section 6(f) Environmental Assessment (EA) and conversion application. Amy was also responsible for related portions of the Draft Environmental Impact Statement (Draft EIS), combined Final EIS/Record of Decision, as well as the lead technical writer for I-526 LCC WEST Reconnecting Communities Pilot Program (RCPP) Grant Application. Amy is currently part of the Stantec team leading the implementation of a \$146M EJ Community Mitigation Plan.			
08/2023 - Ongoing	INNER LOOP NORTH TRANSFORMATION PROJECT Rochester, NY Senior NEPA Planner / Environmental Justice Specialist. Amy is leading the development of an Environmental Justice analysis for this expressway removal project in accordance with current EOs on EJ, USDOT Order 5610.2(a) (Final Order to Address Environmental Justice in Minority Populations and Low-Income Populations), and FHWA's EJ Order 6640.23A (FHWA Actions to Address Environmental Justice in Minority Populations and Low-Income Populations). Our work supports the City's goal of creating more diverse transportation choices, promoting healthy, equitable and active lifestyles, and inclusive placemaking.			
05/2005 - 10/2021	APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM (ADHS) CORRIDOR K IMPROVEMENTS Graham County, NC Project Manager / Senior NEPA Planner / Environmental Justice Specialist. Responsible for project oversight, planning efforts, technical analyses, environmental documentation (including a Supplemental DEIS, Planning and Environment Linkages (PEL) Study, Environmental Assessment, Section 4(f) Evaluation, Community Impact Assessment (CIA), Environmental Justice (EJ) Analysis, and Indirect & Cumulative Effects (ICE) Assessment, Visual Impact Analysis (VIA), agency coordination, tribal coordination support, and public outreach related to the development of an improved transportation system through Graham County, NC.			
12/2011 - 08/2017	US 70 HAVELOCK BYPASS Craven County, NC Project Manager / Senior NEPA Planner / Environmental Justice Specialist. Responsible for the development of a Reevaluation of the Draft Environmental Impact Statement, update of technical studies including Environmental Justice analysis, Indirect and Cumulative Effects Assessment, and preparation of a Final Environmental Impact Statement (FEIS) and Record of Decision (ROD) for a ten-mile bypass on new location freeway through portions of the Croatan National Forest in Craven County. Studies were highly complex due to potential impacts to the Croatan National Forest and specifically the federally protected red-cockaded woodpecker. Provided technical direction on development of the FEIS and worked with design team to investigate potential alternatives, develop screening criteria, and evaluate measures to avoid, minimize, and mitigate impacts. Responsible for federal consistency determinations under the Coastal Area Management Act (CAMA) and US Forest Service special use permit conditions.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Joseph "Joey" Lefante, PE, PTOE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	16	
TITLE	Senior Associate, Traffic Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	0	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2008 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 37244 LA 09/30/2026		
YEAR REGISTERED	2012	DISCIPLINE	Civil Engineer PTOE #3560, 2013	
Contract role(s) / brief description of responsibilities	Joey has over 16 years of experience working on major traffic projects, preparing feasibility studies and interchange modification reports, and leading improvements through plan design and signal construction. His experience using various analysis software packages, including TransCAD, Synchro, and VISSIM, allows him to determine innovative transportation solutions tailored to each individual situation. Joey will serve as TRAFFIC DESIGN ENGINEER for this contract. Joey meets the following Minimum Personnel Requirements (MPRs) as specified in the advertisement for this project: 5			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
08/2014 - Ongoing	I-49 LAFAYETTE CONNECTOR LADOTD Lafayette, LA Traffic Task Manager. Joey is responsible for coordination with LADOTD traffic staff and managing analysis of various geometric design alternatives. This project includes a comprehensive Vistro model and additional analyses using TransCAD, VISSIM, and Sidra software packages. It follows the Access Justification Request (AJR) guidelines established by LADOTD and FHWA. Joey has been involved in the Context Sensitive Solutions (CSS) process, attending community meetings. Feedback from the CSS process has informed changes to ramp layouts and interchange design and has enabled Stantec to redesign several key elements to emphasize urban design principles, including pedestrian and bicycle accommodations. Joey is responsible for documenting the project to follow LADOTD Traffic Engineering Process and Report (TEPR) Guidelines.			
01/2009 - Ongoing	I-49 INNER CITY CONNECTOR STAGE 0-1, STUDY & IJR LADOTD Shreveport, LA Lead Traffic Engineer. Performing the NEPA investigations and developing an Interchange Modification Report (IMR) and an Interchange Justification Report (IJR). This 3.5-mile route will provide the final nationwide link of I-49 by connecting the existing I-49/I-20 interchange to the proposed I-49/I-220 interchange. Joey used a Regional Travel Demand Forecasting Model provided by the Northwest Louisiana Council of Governments (NLCOG) to project traffic for each of the future analysis years. He modified the macroscopic model to determine future traffic patterns under three design alternatives representing different interchange combinations and used traffic counts and the projections from the macroscopic model to develop peak hour traffic volumes for each alternative. Joey will input these traffic run analyses using the Highway Capacity Manual to determine which roadway improvements would be necessary for implementation of each alternative.			
04/2011 - 06/2015	I-210 / COVE LANE INTERCHANGE AND ROUNDABOUT LADOTD Lake Charles, LA Lead Traffic Engineer. Joey developed an Interchange Justification Report (IJR) for I-210 between Cove Lane and Nelson Road interchanges on Port of Lake Charles property. He developed peak hour traffic volumes for 28 possible design alternatives, which took into account and accommodated for all future developments in the area, including the Nelson Road Bridge over Contraband Bayou and the Ameristar Casino and Hotel development north of I-210. Joey coordinated the collection of traffic counts and performed field calibration of the traffic models by collecting data such as queues and travel times. Once the alternatives were narrowed down to the final, Joey performed HCS and SIDRA analyses on over 50 locations per alternative. The recommended alternative included innovative interchange configurations including roundabout ramp terminals at Cove Lane and a Diverging Diamond Interchange (DDI) at Nelson Road.			
11/2010 - Ongoing	NELSON ROAD EXTENSION AND BRIDGE LADOTD Contract No. H.005967 Lake Charles, LA Traffic Engineer. Joey ran traffic analyses for the different bridge tie-ins being studied. Also included in the traffic analysis was a consideration of the impact of the bridge on the surrounding roadway network. The Regional Travel Demand Model was modified in TransCAD to determine the effects of the bridge construction. Joey will be providing Traffic construction support for the project.			
08/2014 - 08/2019	W. PRIEN LAKE ROAD RELOCATION LADOTD Lake Charles, LA Lead Traffic Engineer. Joey led traffic services on this project that featured a new signalized intersection at the relocated roadway and Nelson Rd., which required Stantec to develop traffic signal warrants, signal timing analyses and signal plans. Since the improvements impacted certain areas near the Nelson Rd. Interchange at I-210, Stantec developed a Level 2 TMP document. This project improved traffic flow in this very congested area of Southwest Lake Charles.			

08/2019 - 04/2024	I-10/LOYOLA INTERCHANGE DESIGN-BUILD LADOTD Contract No. H.011670 Kenner, LA Traffic Engineer. Joey performed VISSIM analyses of an Alternative Technical Concept (ATC) consisting of two new flyover ramps leading to/from the Airport on the east side of the interchange and the first Diverging Diamond Interchange (DDI) in Louisiana. Joey completed an IMR to meet FHWA access policy standards to move the project forward on the accelerated design-build schedule. Joey is also leading the traffic signal design effort, including specialized DDI operations, lane closure analyses, transportation management plan and complete street accommodations such as sidewalks and a two-way cycle track.
01/2012 - 12/2017	GOVERNMENT STREET ROAD DIET: STUDY THROUGH FINAL DESIGN LADOTD Baton Rouge, LA Lead Traffic Engineer. Joey served as Traffic Analyst responsible for examining improvements to increase safety and access management on Government Street between I-110 and Jefferson Highway. Stantec evaluated traffic data, developed conceptual alternatives, and accounted for the LADOTD Complete Street Policy. Joey collected traffic data and developed models in VISSIM, Synchro, and SIDRA to analyze different operational improvements alternatives. Joey also prepared materials for and participated in public meetings under the DOTD public involvement process. Joey also prepared permanent and temporary signal plans.
05/2013 - 03/2019	ESSEN LANE WIDENING LADOTD Baton Rouge, LA Lead Traffic Engineer. Joey was responsible for traffic signal plans for four intersections along Essen Lane that were impacted by the widening. Traffic signal plans consist of providing all new traffic signal equipment along with fiber optic communications between the traffic signals. Multiple site visits were held to ensure feasibility of traffic signal equipment locations and avoid interference with utilities. Plans were developed according to the latest MUTCD, DOTD and City of Baton Rouge Standards and Specifications. This project required coordination with Stantec's Roadway group, DOTD, and the City of Baton Rouge.
09/2008 - 04/2010	LOUISIANA STATEWIDE CFI STUDY FOR LADOTD LADOTD Statewide, LA Project Engineer. Joey performed the VISSIM analysis for the ten alternatives. Each intersection included VISSIM models representing a no build condition, traditional intersection improvements, a roundabout, and a CFI treatment. Stantec performed a statewide CFI Study for the Louisiana Department of Transportation and Development (LADOTD). Stantec assessed 30+ intersections as potential CFI conversion candidates, as well as other innovative intersection alternatives. This included performing field visits and initial screening measures to reduce the 30+ to 10 potential options. Stantec then performed conceptual intersection design, safety analysis, traffic analysis (using VISSIM), and cost estimates for five intersections chosen and presented this information to LADOTD.
10/2010 - 05/2014	CLEARVIEW PARKWAY (LA 3152) AT AIRLINE DRIVE (US 61) CFI STUDY New Orleans Regional Planning Commission New Orleans, LA Project Engineer. Joey assisted on the team performing a Stage 1 Environmental Assessment for the Clearview Parkway Corridor to investigate and produce concept designs for potential improvements at the Airline Drive intersection. He built and modeled multiple intersection alternatives for the Airline Drive corridor using VISSIM micro-simulation software. The alternatives modeled included additional turn lanes, a Continuous Flow Intersection (CFI), and an overpass. The models were used to produce measures of effectiveness for comparing the alternatives such as delay, level of service, and throughput.
01/2013 - 06/2013	MTP REFINEMENT: ROAD SAFETY ASSESSMENT/GAUSE BOULEVARD (US 190) New Orleans Regional Planning Commission Slidell, LA Traffic Engineer. Stantec assessed road safety of a high-accident corridor with the objective of identifying the different safety issues as well as recommending potential safety improvements. Joey worked as part of our team to gather and analyze crash data, traffic volumes, traffic speed, signal timings and phasing information from the RPC and other resources. Also provided an inventory of pertinent roadway elements such as lane width, pavement markings, signage, and surface obstacles. Road safety issues and improvements included speed, multi-modal considerations, pavement marking, signs, intersection control, lighting, obstructions, access points, traffic generators and weather conditions. Cost estimates for improvements were also provided to help with programming the safety enhancements to the corridor.
11/2008 - 12/2013	STARING LANE EXTENSION AND BRIDGE City of Baton Rouge Baton Rouge, LA Traffic Engineer. Joey detailed traffic signal plans for both a signal replacement at Staring Lane and Hyacinth Avenue as well as a signal modification at Staring Lane and Highland Road. He also developed interconnect plans for Staring Lane between Highland Road and Hyacinth Avenue.
11/2008 - 09/2010	SOUTH HARRELL'S FERRY ROAD SOUTH SHERWOOD FOREST TO MILLERVILLE City of Baton Rouge Baton Rouge, LA Project Engineer. Joey created a new signal wiring diagram and chart for the intersection of South Harrell's Ferry Road and Millerville Road as well as assisted in the design process. He also created new interconnect plans for a fiber run from South Harrell's Ferry Road at South Sherwood Forest Boulevard to the intersection.

FIRM EMPLOYED BY		Stantec Consulting Services Inc.	
NAME	Brandon DeJean, PE, PTOE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	<1
TITLE	Project Manager	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	18
DEGREE(S) / YEARS / SPECIALIZATION		BS 2007 Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE #37234 LA 09/30/2026 PTOE #4721 12/09/2028	
YEAR REGISTERED	2012	DISCIPLINE	Civil Engineering
Contract role(s) / brief description of responsibilities	Brandon is a Project Manager in the Baton Rouge office with 18 years of experience, including consulting and over 10 years with LADOTD's Traffic Engineering Division. His technical expertise in traffic engineering encompasses modeling, analysis, and geometric design of roadway facilities within complex urban corridors. He has extensive experience developing corridor studies and preparing Access Justification Reports, utilizing data-driven methodologies to support and validate effective project solutions. Brandon will serve as a TRAFFIC DESIGN ENGINEER for this contract. Brandon meets the following Minimum Personnel Requirements (MPRs) as specified in the advertisement for this project: 5		
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
04/2026 – Ongoing	H.016421 I-20 AT ROUGH EDGE ROAD LADOTD Lincoln Parish, LA IAJR Task Lead. Brandon is leading the IAJR development with tasks including data collection; operational (HCS, Synchro) and safety analysis; alternative concept development; and final report compliant with FHWA and LADOTD interstate access policies. Project scope includes a proposed I-20 interchange at Rough Edge Road and corridor improvements from Burgessville Rd to US 80.		
11/2023 – 04/2026	JIMMY CARTER BLVD (SR 140) AT I-85 INTERCHANGE MODIFICATION REPORT & REGIONAL TRAFFIC STUDY Gwinnett & Dekalb County, GA Project Manager/Task Lead. Brandon led IMR and regional study development including data collection; performing operational (HCS, Synchro, VISSIM) and safety analysis; alternative concept development, cost estimates, and benefit-cost analysis; and final report compliant with FHWA and GDOT interstate access policies. The project included conversion of the diverging diamond interchange at Jimmy Carter Blvd to an echelon interchange and improvements at 78 signalized intersections across several major arterials within the Gateway 85 Community Improvement District.		
11/2023 – 04/2026	PLEASANT HILL ROAD AT I-85 INTERCHANGE MODIFICATION REPORT Gwinnett County, GA Project Manager/Task Lead. Brandon led IMR development including data collection; performing operational (HCS, Synchro, VISSIM) and safety analysis; alternative development, cost estimates and benefit-cost analysis; and final report compliant with FHWA and GDOT interstate access policies. The project included conversion of the Pleasant Hill diverging diamond to an echelon interchange and completing the partial Steve Reynolds Blvd interchange.		
01/2023 – 04/2026	H.013284 MISSISSIPPI RIVER BRIDGE SOUTH: LA 1 TO LA 30 CONNECTOR – PHASE 2 NEPA/ TRAFFIC STUDY LADOTD Iberville Parish, LA Traffic Independent QA/QC. Brandon provided quality control for the traffic study deliverables including data collection, traffic forecasting, operational and safety analyses, alternative evaluations, and final report compliant with LADOTD policy. The project includes a new Mississippi River bridge crossing with interchanges at LA 1 and LA 30.		
07/2022 – 11/2022	CONLEY ROAD INTERCHANGE FEASIBILITY STUDY Clayton County GA Traffic Study Analyst. Brandon performed operational (Synchro, HCS) analyses and prepared the final report to determine feasibility of a new I-285 interchange at Conley Rd. The new interchange would provide direct access from I-285 to Hartsfield-Jackson Atlanta Airport's International Terminal. Study includes evaluating approximately 3.5 miles of I-285, the I-285 interchanges with South Loop Road, I-75, US 41, SR 54 and the associated arterial corridors.		
06/2013 – 07/2022	H.003931 I-10 CALCASIEU RIVER BRIDGE LADOTD Calcasieu Parish, LA IMR Task Lead. Brandon oversaw IMR development with tasks including data collection, operational (HCS, VISSIM) and safety analysis, alternative concept development, and final report compliant with FHWA and LADOTD interstate access policies. The project includes replacement of the I-10 Calcasieu River Bridge, widening of I-10 between I-210 interchanges, and interchange modifications at PPG Drive, Sampson St, Ryan St, and Enterprise Blvd.		



03/2016 - 03/2018	H.004367 – LA 3139 EARHART EXPRESSWAY EXTENSION TO US 61 LADOTD Jefferson Parish, LA Traffic Task Lead. Brandon oversaw development of the corridor study for the proposed Earhart Expressway extension included in a Supplemental EIS. Tasks included data review/collection, traffic modeling and forecasting, alternative development, and final traffic study. Alternative concepts considered the transition from the controlled-access Earhart Expressway to US 61 and widening of US 61 with access management through Jefferson Parish and St Charles Parish to I-310.
05/2015 – 07/2021	H.003915 I-49 INNER CITY CONNECTOR LADOTD Caddo Parish, LA IMR Task Lead. Brandon oversaw development of IMRs including data collection, HCS operational analysis of freeways and arterials, and final report compliant with FHWA and LADOTD interstate access policies. Project scope includes extending I-49 through Shreveport from I-220 to I-20, modifying two major freeway-to-freeway interchanges, and adding service interchanges at Hearne Ave and Ford St. The study covers ~7.5 miles of I-49, 3.5 miles of I-20, 3 miles of I-220, and 14 interchanges.
03/2015 – 04/2017	H.003370 I-220 AT I-20 INTERCHANGE IMPROVEMENTS & BARKSDALE AIR FORCE BASE ACCESS LADOTD Bossier Parish, LA IMR Task Lead. Brandon led development of the IMR with tasks that included data collection, traffic forecasting, HCS operational analysis, alternative concept development, and final report compliant with FHWA and LADOTD interstate access policy. The project included modification of the I-20/I-220 interchange and extension of I-220 to a new base entry control facility.
08/2020 – 03/2021	H.010753 US 90 AT I-310 LADOTD St Charles Parish, LA IMR Task Lead. Brandon led development of the IMR with tasks that included data collection, safety analysis, HCS operational analysis of freeway facilities and arterials, alternative concept development, and final report compliant with LADOTD policy. Study included evaluation of alternatives that help alleviate traffic congestion at the I-310 ramp terminal intersections at US 90.
05/2013 – 05/2015	H.003298 TARBUTTON ROAD INTERCHANGE AND I-20 FRONTAGE ROAD LADOTD Lincoln Parish, LA IMR Task Lead. Brandon oversaw development of IMR with tasks that included data collection, operational (HCS) and safety analyses, alternative concept development, and final report compliant with FHWA and LADOTD interstate access policy. The project included evaluation of I-20 and interchanges at Tarbutton Road, LA 149, and LA 544 with proposed alternatives including completion of the partial Tarbutton Rd interchange and conversion of I-20 frontage roads from a two-way- to one-way system.
05/2012 – 04/2013	H.010151 I-210 INTERCHANGE JUSTIFICATION REPORT – COVE LANE TO NELSON ROAD LADOTD Calcasieu Parish, LA IAJR Task Lead. Brandon oversaw development of the IJR with tasks that included data collection, operational (HCS) and safety analyses, alternative concept development, and final report compliant with FHWA and LADOTD interstate access policy. The project included a new tight urban diamond interchange at Cove Lane and converting the Nelson Rd interchange to a diverging diamond.
01/2015 – 10/2016	H.011408 EVANGELINE THRUWAY (US 90) AT JOHNSTON ST (US 167)/LOUISIANA AVE (LA 94) LADOTD Lafayette Parish, LA Traffic Task Lead. Brandon oversaw development of the traffic study with tasks that included data collection, operational (VISSIM) analysis and safety analysis, and final report compliant with LADOTD policy. Project scope included evaluation of intersection improvements to alleviate traffic congestion and potentially reduce the crashes.
01/2015 – 10/2016	H.009181 AMBASSADOR CAFFERY PARKWAY (LA 3073) AT JOHNSTON STREET (US 167) LADOTD Lafayette Parish, LA Traffic Task Lead. Brandon oversaw development of the traffic study with tasks that included data collection, operational (VISSIM) analysis and safety analysis, and final report compliant with LADOTD policy. Project scope included evaluation of intersection improvements to alleviate traffic congestion and potentially reduce the crashes.

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Mary Frances Bratton O'Rourke, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	15	
TITLE	Roadway Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	0	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2012 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 41444 LA 09/30/2027		
YEAR REGISTERED	2017	DISCIPLINE	Civil Engineer	
Contract role(s) / brief description of responsibilities	Mary's roadway engineering experience includes preparing roadway plans, quantity calculations, hydraulic analysis, striping and signing design, coordination of utility relocation for design-build projects, and geometric design such as horizontal and vertical alignments for a variety of projects in Louisiana. Mary is knowledgeable in a number of software programs including Microstation, InRoads and SignCad. She has also assisted in the design of roundabouts, interchanges, and realignments of urban roadways. Mary will serve as ROADWAY DESIGN ENGINEER for this contract.			
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).			
07/2015 - Ongoing	I-49 LAFAYETTE CONNECTOR LADOTD Lafayette, LA Roadway Engineer. Mary is responsible for developing permanent interchange and ramp terminal signage concepts of the five-and-a-half-mile urban corridor, which includes segments of at-grade and elevated mainline, parallel frontage roads, urban interchanges, slip ramps, and connection/modifications to the existing roadway network. Mary is also assisting with the geometric roadway designs, quantity and cost estimating, drainage designs, and MOT concepts.			
07/2015 - 06/2018	US 90 AT LA 318 INTERCHANGE DESIGN-BUILD LADOTD St. Mary Parish, LA Roadway Engineer. Mary assisted with the plan development of this project which constructed a diamond interchange with frontage roads to replace the current, at-grade, signalized intersection of US90 and LA 318. This included developing horizontal and vertical alignments, drainage design, signing and striping design, maintenance of traffic design, and quantity calculations. Mary also coordinated with utility companies for all required utility relocations on the project, as well as LADOTD Headquarters and the District office to ensure the utilities were relocated in a timely manner to mitigate utility conflicts with the roadway construction.			
01/2018 - Ongoing	DIJON DRIVE PHASE I & PHASE II City of Baton Rouge Baton Rouge, LA Roadway Engineer. Stantec designed this roadway on new alignment for the City of Baton Rouge as an access roadway to the new hospital. This fast-paced project includes a four-lane divided roadway on new alignment, sanitary sewer force main, subsurface drainage, signalization, and off-site intersection improvements. Mary's responsibilities include designing the signing and striping layout, calculating quantities to develop a construction cost estimate, and assisting with plan development to produce typical section sheets, plan and profile sheets, summary of quantity sheets, drainage map sheets, geometric detail sheets, signing and striping sheets, and suggested sequence of construction sheets. Mary has also provided construction support for Dijon Phase I.			
10/2017 - Ongoing	NELSON ROAD EXTENSION AND BRIDGE LADOTD Lake Charles, LA Lead Roadway Engineer. Stantec is lead designer for this new, high-level bridge and its approaches over the navigational channel of Contraband Bayou. The project provides a crucial link to downtown Lake Charles and the Port of Lake Charles by extending Nelson Road over Contraband Bayou to West Sallier Street. Mary was responsible for the geometric design which included an at-grade railroad crossing, roadway modeling, drainage design, signing and striping, joint layout, and sequence of construction. Mary also assisted with the NEPA Environmental Assessment process and coordination between all stakeholders and is currently providing roadway construction support for this project.			
07/2014 - 06/2016	US 79 BYPASS AT LA 9 ROUNDABOUT LADOTD Claiborne Parish, LA Roadway Engineer. Project replaced a signalized intersection with a roundabout while maintaining traffic. Mary's responsibilities included managing plan development, client coordination, and the design of all areas of plan development including horizontal and vertical alignments, earthwork modeling, drainage design, signing and striping layout, sequence of construction which required three detour roads and a temporary subsurface drainage system, quantity calculations, and cost estimate for the construction.			
05/2012 - 12/2021	GOVERNMENT STREET ROAD DIET: STUDY THROUGH FINAL DESIGN LADOTD Baton Rouge, LA Roadway Engineer. Mary designed bike lane facilities and signing/striping layout for this preliminary and final plan design project to upgrade a four-mile portion of Government Street. She assisted with designs/plan development including typical sections, plan sheets, geometric details, signing and striping, and sequence of construction. Mary also calculated quantities, developed the cost estimate for construction, and provided construction support.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.			
NAME	Hannah Krebs, PE		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER		11
TITLE	Roadway Engineer		YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)		0
DEGREE(S) / YEARS / SPECIALIZATION		BS 2017 Civil Engineering			
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 45917 LA 3/31/2028			
YEAR REGISTERED	2021	DISCIPLINE	Civil Engineering		
Contract role(s) / brief description of responsibilities	Hannah has 11 years of experience in design and plan development of interstate, arterial, and collector facilities, including existing and new alignment locations. She also has experience with the design of intersection improvements for both urban and rural projects. Hannah is specifically experienced in roadway design, environmental assessments and temporary traffic control plans. Hannah will serve as ROADWAY DESIGN ENGINEER & GRAPHIC DESIGNER for this contract.				
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc.				
06/17 - Ongoing	I-49 LAFAYETTE CONNECTOR LADOTD Contract No. H.004273.5 Lafayette, LA Roadway Engineer. Hannah is responsible for developing cost estimates for various alternatives, creating public meeting exhibits, attending and participating in public meetings, developing geometry for the roundabout corridor alternative, C3, line and grade exhibits, reports, and project organization. She also developed a Conceptual Maintenance of Traffic Report and exhibits. This route will provide the final nationwide link of I-49 by connecting the existing I-49/I-10 interchange to the proposed I-49/US 90 interchange. For the Comprehensive Stage 0 and Environmental Study, Stantec leads the traffic study and impacts effort along with development of an implementation plan and strategy.				
11/15 - 12/17	GOVERNMENT STREET ROAD DIET: STUDY THROUGH FINAL DESIGN LADOTD Baton Rouge, LA Roadway Engineer. This project converted a 4-lane roadway into a 2-lane complete-streets facility with turn lanes, bike lanes, and sidewalks through the project corridor. Stantec implemented LADOTD's access management policy to reduce conflict points throughout. Hannah assisted in providing analysis of existing project conditions through field work. She also developed temporary traffic control plans for the Final Plan set. Hannah analyzed pedestrian accessibility through the corridor, ensured clear sight lines at intersections, and evaluated design vehicle accessibility in parking lots modified by the project. She also coordinated with stakeholders and business owners to maintain accessibility during construction, including developing a carpool management plan with a local high school.				
11/15 - 8/19	W. PRIEN LAKE ROAD RELOCATION LADOTD Lake Charles, LA Roadway Engineer. Hannah assisted with the Preliminary and Final Design Phases of this project, that proposed to realign W. Prien Lake road for approximately 1.4 miles to improve interchange operations at I-210 and Nelson Road. This project included a multi-lane roundabout and a large drainage structure improvement.				
09/18 - 04/24	I-10/LOYOLA INTERCHANGE DESIGN-BUILD LADOTD New Orleans, LA Roadway Engineer. Hannah was responsible for creating traffic control plans and modifying as needed during construction. Hannah worked closely with the contractor on an accelerated timeline to modify traffic control as needed to keep the project moving forward. This project improved access and traffic operations to and around the new Northfield Terminal at the New Orleans International Airport and included a Diverging Diamond Interchange, in addition to flyover ramps leading to and from the Airport on the east side of the interchange.				
06/20 - 03/23	PERKINS ROAD (SIEGEN TO PECUE) WIDENING TRAFFIC STUDY, ENVIRONMENTAL ASSESSMENT (EA), PRELIMINARY PLANS, FINAL PLANS AND RIGHT-OF-WAY MAPS City of Baton Rouge Baton Rouge, LA Roadway/Traffic Engineer. Hannah's responsibilities included final plan development, geometric design, and traffic control plans. Under the MOVEBR Program, Stantec completed Final Plans for Perkins Road from Siegen Lane to Pecue Lane. This 2-lane to 4-lane divided roadway widening project accommodates the increase in traffic and improves travel efficiency along this corridor by introducing access management principles which have been shown to increase capacity and safety. Partial median openings and u-turn movements with bulb outs are being provided along the corridor. Stantec was responsible for all final design including roadway and traffic signal plans, subsurface drainage and culvert design, and wetlands permitting.				
08/25 - Ongoing	I-49 INNER CITY CONNECTOR STAGE 0-1, STUDY AND IJR Northwest Louisiana Council of Governments Shreveport, LA Roadway Engineer. Hannah's responsibilities include geometric design (horizontal and vertical) for the overall corridor, including design of roundabouts at the Ford St / Caddo St interchange with I-49. She also led production of the line and grade exhibits for the SEIS document. The 3.5-mile route will provide the final nationwide link of I-49 by connecting the existing I-49/I-20 interchange to the existing I-49/I-220 interchange. Stantec is leading the traffic study and impacts effort along with development of an implementation plan and strategy for the Stage 0 Feasibility Study. Stantec will also provide input to concept development and evaluation, development of environmental investigations, and ultimately the context sensitive design elements.				

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Destiny Armstrong, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	7	
TITLE	Roadway Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	3	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2018 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 47602 LA 09/30/2027		
YEAR REGISTERED	2023	DISCIPLINE	Civil Engineering	
Contract role(s) / brief description of responsibilities	Destiny is a Civil Engineer with 10 years of transportation engineering experience, specializing in roadway design and plan development. She is experienced in temporary traffic control, quantity calculations and cost estimation, signing and striping design, hydraulic analysis, subsurface drainage design, QC coordination/document control, GIS maps and visualizations, and joint layout design for a range of minor and major transportation design projects in Louisiana. Destiny is also knowledgeable in industry standards such as MUTCD, AASHTO Green Book, AASHTO Roadside Design Guide, LADOTD Hydraulics Manual, LADOTD Road Design Manual, ADA Standards for Accessible Design, AASHTO Guide for Development of Bicycle Facilities, NACTO Urban Street Design Guide, and AASHTO Pedestrian Guide. Destiny will serve as ROADWAY DESIGN ENGINEER for this contract.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc.			
03/2022 - Ongoing	AIRLINE HIGHWAY SOUTH City of Baton Rouge Baton Rouge, LA Project Engineer. Phase 1 of the project consists of studies associated with improvements from south of the Airline/Siegen CFI to Bluebonnet Boulevard. The proposed Phase 1 scope of this project's capacity improvements include but are not limited to the following: roadway widening, additional lanes, access management improvements and considerations/improvements for other users in the network (such as sidewalks, bike paths, trails, medical facilities, parks, and other public places). As Project Engineer, Destiny prepared project plan spreadsheet, work plan, quality management plan, and risk management strategy form (RMS 1). She compiled 202 crash report data from Crash1 for Exist/No Build Analysis (Crash Report Documentation), and assisted with various traffic counts.			
08/2019 - 04/2024	I-10/LOYOLA INTERCHANGE DESIGN-BUILD LADOTD Contract No. H.011670 Kenner, LA Project Engineer. The project consisted of a Diverging Diamond Interchange, in addition to flyover ramps leading to and from the Airport on the east side of the interchange. Destiny assisted with designs/plan development including typical sections, plan sheets, and signing and striping sheets. She also generated quantity calculations and assisted with cost estimates for alternatives.			
11/2019 - 05/2022	NELSON ROAD EXTENSION AND BRIDGE LADOTD Lake Charles, LA Project Engineer. This provided a crucial link to downtown Lake Charles and the Port of Lake Charles by extending Nelson Road over Contraband Bayou to West Sallier Street. Stantec led the design for this new high-level bridge (56-foot clearance) and approaches over the navigational channel of Contraband Bayou. Destiny assisted with quantity calculations and plan development including typical sections, plan and profile sheets, and striping and signing. She performed AutoTurn Analyses for driveways, produced exhibits, and prepared Utility Conflict Matrix and the Coast Guard Bridge Permitting Application along with other documentation.			
08/2019 - 12/2023	I-49 LAFAYETTE CONNECTOR LADOTD Lake Charles, LA Project Engineer. A 5.5-mile, elevated, six-lane highway will traverse urban Lafayette, Louisiana, from I-10 south to its end near the Lafayette Regional Airport. A critical transportation link, the I-49 Connector will connect existing I-49 with new interstate mileage through Lafayette and onto New Orleans. As Project Engineer, Destiny prepared design report form, reviewed horizontal geometry for potential conflicts between sidewalk alignment and bridge piers, and performed conceptual drainage analysis for high-level cost estimates. She evaluated sight distance lines at turnouts for side streets and participated in project overview presentation for University of Louisiana at Lafayette's senior design class. Destiny also generated quantities and prepared cost estimates.			
06/2020 - 03/2023	PERKINS ROAD (SIEGEN TO PECUE) WIDENING TRAFFIC STUDY, ENVIRONMENTAL ASSESSMENT (EA), PRELIMINARY PLANS, FINAL PLANS AND RIGHT-OF-WAY MAPS City of Baton Rouge Baton Rouge, LA Project Engineer. Stantec is responsible for all final design including roadway and traffic signal plans, subsurface drainage and culvert design, and wetlands permitting. Destiny generated vertical profiles for driveways and side streets. She assisted in the design of subsurface drainage, retaining walls, signing, curb ramps, and joint layout design. She also assisted with plan development for typical sections, plan and profile sheets, sequence sheets, striping and signing sheets, and joint base layout sheets. Destiny prepared Utility Conflict Matrix and technical specifications.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Nicholas "Nick" Prudhomme, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	20	
TITLE	Roadway Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	0	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2006 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 35996 LA 3/31/2027		
YEAR REGISTERED	2011	DISCIPLINE	Civil Engineer	
Contract role(s) / brief description of responsibilities	Nick has 20 years of experience in feasibility/alternative studies and preliminary and final design of interstates, entrance and exit ramps, arterials, local roads, bridge replacement projects, and other similar transportation systems along both existing and proposed alignments. His experience also includes training courses for Traffic Control Supervisor, Traffic Control Design Specialist, and training in the Highway Safety Manual. Nick will serve as HYDRAULIC DESIGN ENGINEER for this contract.			
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).			
08/2019 - 04/2024	I-10/LOYOLA INTERCHANGE DESIGN-BUILD LADOTD Contract No. H.011670 New Orleans, LA Drainage Lead and Assistant Roadway Lead. As Drainage Lead, Nick oversees the drainage design consisting of subsurface drainage systems along Loyola Drive and the new airport access road, drainage systems/cross drains on I-10, and the extension of 2-8'x7' box culverts in Canal 13. As Assistant Roadway Lead, Nick has designed horizontal and vertical geometry, graphical grades, and Inroads roadway modeling. Nick also performs construction support by reviewing and approving drainage shop drawings as well as RFIs and NCRs relating to drainage and roadway design. This project will serve as a main entrance to the new airport terminal recently constructed for the Louis Armstrong New Orleans International Airport.			
05/2015 - 06/2018	US 90 AT LA 318 INTERCHANGE DESIGN-BUILD LADOTD St. Mary Parish, LA Drainage and Roadway Engineer. Nick performed subsurface drainage analysis and design, earthwork modeling, cross section generation, and quantity calculations. The project included dual overpass bridges, ramps, and frontage road relocations. Stantec proposed an alternative technical concept to the proposed alternative in the RFP. This ATC conserved ROW, lessened impacts to the community and the environment, and saved construction cost. Nick remained involved throughout construction and participated in resolving design and construction non-conformance issues and requests for information.			
07/2015 - Ongoing	I-49 LAFAYETTE CONNECTOR LADOTD Lafayette, LA Drainage QA/QC and Roadway Engineer. Nick is responsible for overseeing the drainage design of the project as well as the roadway design of the Willow Street interchange, including horizontal and vertical design, roadway clearance and sight line checks, InRoads modeling, and quantity calculations. Project includes the construction of a freeway with accompanying interchanges in the Evangeline Thruway/US 90/US 167 corridor and flanking frontage roads for local traffic circulation and land access. A critical transportation link, the I-49 Connector will connect existing I-49 with new interstate mileage through Lafayette and to New Orleans.			
04/2011 - 06/2015	I-210: COVE LANE INTERCHANGE AND IMPROVEMENTS PROJECT LADOTD H.010151 Lake Charles, LA Roadway Engineer. Nick assisted in the design and plan development for the proposed full tight diamond interchange at Cove Lane and I-210. He was responsible for all the earthwork calculations for the interchange improvements, as well as the extension of existing Cove Lane to the north. The project included retaining walls and a load transfer platform which were included in Nick's cross section design. Nick was also involved with geometric modeling and quantity calculations.			
11/2012 - 03/2023	PERKINS ROAD (SIEGEN TO PECUE) WIDENING TRAFFIC STUDY, ENVIRONMENTAL ASSESSMENT (EA), PRELIMINARY PLANS, FINAL PLANS AND RIGHT-OF-WAY MAPS City of Baton Rouge Contract 12-CS-HC-0015 Baton Rouge, LA Drainage Lead and Roadway Lead. This project initially included EA and Preliminary Plans for improving 3.4 miles of Perkins Road (LA 427) from the existing, 2-lane roadway to a 4-lane divided curb and gutter roadway with raised median, sidewalk, sewer, and subsurface drainage. During the EA phase, Nick assisted with the alternative analyses, conceptual drainage design, public meeting materials and presentations, and the development of the EA report and documentation. During preliminary plan development, he assisted in all areas of design and plan development including client interaction, drainage design, drainage report, roadway modeling and earthwork analyses using InRoads, quantity calculations, and construction cost estimate. Under the MOVEBR Program, Stantec completed Final Plans using MOVEBR design criteria and is responsible for all final design including roadway and traffic signal plans, subsurface drainage and culvert design, and wetlands permitting.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Michael Neumann, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	10	
TITLE	Roadway Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	0	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2015 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 45396 LA 9/30/2027		
YEAR REGISTERED	2021	DISCIPLINE	Civil Engineering	
Contract role(s) / brief description of responsibilities	Michael has 10 years of experience in designing subsurface and open channel drainage systems, roadway geometry through intersections, and striping plans along a major corridor. His work has encompassed both improvements to existing roadways and roadways on new alignments. Michael has also had a hand in analyzing existing conditions for a high-profile rehabilitation of an existing roadway. He has had both governmental and private client experience in his projects. Michael is familiar with technical programs including: MicroStation, AutoCAD, ArcGIS, InRoads, AutoTURN, StormCAD, and HYDR2009. Michael will serve as HYDRAULIC DESIGN ENGINEER for this contract.			
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).			
06/17 - Ongoing	I-49 LAFAYETTE CONNECTOR LADOTD Lafayette, LA Roadway/Drainage Engineer. Michael is responsible for the conceptual drainage plan and developing cost estimates for various alternatives, creating public meeting exhibits, attending and participating in public meetings, horizontal and vertical geometry, project organization, and modeling and cross-section development. This route will provide the final nationwide link of I-49 by connecting the existing I-49/I-10 interchange to the proposed I-49/US 90 interchange. For the Comprehensive Stage 0 and Environmental Study, Stantec leads the traffic study and impacts effort along with development of an implementation plan and strategy.			
04/15 - Ongoing	LA 30: SOUTH BOULEVARD TO W. CHIMES STREET LADOTD Baton Rouge, LA Drainage Engineer. The Nicholson Drive (LA 30) corridor from Louisiana State University to Downtown Baton Rouge is being developed into a multimodal corridor to accommodate traffic demand that will grow with proposed development of new facilities including office and residential space. Michael was responsible for performing existing drainage analysis and subsurface drainage design. For the roadway itself, he has performed roadway striping design, plan profile, typical section, drainage map, and geometrics sheet development.			
08/19 - 04/24	I-10/LOYOLA INTERCHANGE DESIGN-BUILD LADOTD New Orleans, LA Roadway/Drainage Engineer for this multi-million-dollar design-build project that will improve access and traffic operations to and around the new Northfield Terminal at the New Orleans International Airport. The project consists of a Diverging Diamond Interchange in addition to flyover ramps leading to/from the Airport on the east side of the interchange. Michael modeled the cross sections in InRoads and calculated earthwork quantities. He also designed the subsurface drainage systems along Loyola/Airport Access Road.			
10/17 - Ongoing	NELSON ROAD EXTENSION AND BRIDGE LADOTD Lake Charles, LA Roadway/Drainage Engineer. This project provides a crucial link to downtown Lake Charles and the Port of Lake Charles by extending Nelson Road over Contraband Bayou to West Sallier Street. Stantec has led the design effort for this new, high-level bridge (56-ft. clearance) and approaches over the navigational channel of Contraband Bayou. Michael assisted with the NEPA Environmental Assessment process and coordination between stakeholders, led the drainage design and roadway modeling efforts, and assisted with plan development. He also assisted with drainage and earthwork design. Michael is currently providing roadway construction support for this project.			
06/20 - 03/23	PERKINS ROAD (SIEGEN TO PECUE) WIDENING TRAFFIC STUDY, ENVIRONMENTAL ASSESSMENT (EA), PRELIMINARY PLANS, FINAL PLANS AND RIGHT-OF-WAY MAPS City of Baton Rouge Baton Rouge, LA Drainage Design Engineer. Under the MOVEBR Program, Stantec is currently completing Final Plans for Perkins Road from Siegen Lane to Pecue Lane using MOVEBR design criteria. This two-lane to four-lane divided roadway widening project accommodates the increase in traffic and improves travel efficiency along this corridor by introducing access management principles which have been shown to increase capacity and safety. Partial median openings and u-turn movements with bulb outs are being provided along the corridor. Michael led the design of five subsurface drainage systems, culvert design, and the drainage report.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	John Krebs, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	16	
TITLE	Senior Bridge Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	0	
DEGREE(S) / YEARS / SPECIALIZATION		MS 2008 Civil Engineering; BS 2007 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 37259 LA 9/30/2026		
YEAR REGISTERED	2012	DISCIPLINE	Civil Engineer	
Contract role(s) / brief description of responsibilities	John has 16 years of engineering experience providing engineering design and load ratings for bridges and interchanges for LADOTD, MDOT, and KYTC. His primary expertise lies in the engineering analysis and design of a variety of structure types such as prestressed concrete girders, reinforced concrete substructure elements, and retaining walls. He has been heavily involved in the inspection and load rating of existing bridges in both Louisiana and Mississippi. John has an excellent working knowledge of AASHTO LRFD and the LADOTD Bridge Design Manual. He is proficient in several commercial software packages including AASHTOWare BrR, RC-Pier, CONSPAN, MDX, and STAAD. John will serve as BRIDGE DESIGN ENGINEER for this contract.			
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).			
07/2015 - 06/2018	US 90 INTERCHANGE AT LA 318 DESIGN-BUILD LADOTD St. Mary Parish, LA Structural Engineer. This stretch of US 90 has been designated as the future I-49 corridor. The bridges consisted of LG-54 prestressed concrete girder spans with lengths up to 111-ft supported by multi-column concrete bents. John assisted in the proposal development by performing preliminary designs of the major structural elements and later managed the construction support efforts.			
04/2011 - 03/2015	I-210: COVE LANE INTERCHANGE AND IMPROVEMENTS PROJECT LADOTD H.010151 Lake Charles, LA Project Engineer. John was responsible for the design and plan development of three bridges and an MSE wall system load transfer platform. The bridge along I-210 consists of a single, 130-ft-long, LG-54 prestressed concrete girder span founded on true abutments (spread footings). The remaining bridges consist of concrete slab spans founded on concrete pile bents. All design was performed in accordance with AASHTO LRFD Bridge Design. This project received the Highways/Bridges: Award of Merit from the Engineering News Record for Texas and Louisiana in October 2016.			
12/2015 - Ongoing	NELSON ROAD EXTENSION AND BRIDGE LADOTD Contract No. H.005967 Lake Charles, LA Structural Engineer. John worked on the bridge and structural design efforts during preliminary plans. Project tasks included preliminary design of bridge superstructure, substructure including foundations, median barrier design, and as-designed load rating. Other design elements include navigational lighting bridge attachments and steel bracket light supports with concrete anchors to the bridge structure. Structural Design was performed in compliance with AASHTO LRFD Specifications. In addition, he completed the vessel study report detailing the expected water-borne vessel traffic and establishing the need for pier protection structures. John will also be assisting with structural construction support for the project.			
03/2020 - 10/2022	LA 121: CALCASIEU RIVER BRIDGES LADOTD Contract No. H. 009498 Hineston, LA LADOTD Bridge Task Manager. John was responsible for the independent design and plan review of the three LA 121 bridges. Bridge design items included reinforced concrete deck, LG-36 prestressed concrete girders, steel reinforced elastomeric bearing pads, and reinforced concrete end bent and intermediate bent caps. John also managed plan changes as well as quantity input into the AASHTOWare Project database. In addition to design, John updated the internally-cured concrete special provision for colloidal nano silica. The three bridges consisted of a total of five three-span deck units, and a testing scheme was noted in the plans applying the updated special provision.			
11/2022 - Ongoing	SR 16/SR 149 FLOODWAY CHANNEL YAZOO RIVER (BRIDGE NOS. 210.9, 211.1, 211.8) MDOT Yazoo City, MS Senior Project Engineer. John is responsible for the analysis, design, and plan development for three bridges crossing the floodway channel of the Yazoo River. Bridge No. 210.1 consists of three 1000-ft, prestressed, FIB 45 spans supported by reinforced concrete bent caps on steel pipe piles. Bridge 211.1 consists of a skewed, 928-ft, three-span continuous steel plate I-girder unit supported by reinforced concrete caps on steel pipe piles for end bents and reinforced concrete caps on drilled shafts for intermediate bents. Bridge 211.8 consists of identical components to Bridge 210.1 and is also in a horizontal curve. As the senior project engineer, John is the technical lead, QC/QA for the design elements and plan development, and coordination with MDOT.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Joseph "Joe" Cains, III, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	22	
TITLE	Senior Associate, Area Manager (Louisiana)	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	0	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2003 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 33670 LA 03/31/2028		
YEAR REGISTERED	2008	DISCIPLINE	Civil Engineer	
Contract role(s) / brief description of responsibilities	Joe has 22 years of experience for various project types, including interstates and interchanges, arterials and collector highways, local roads, bridge replacement projects, and other similar transportation systems, on both existing highway alignments and new locations. He also has extensive experience with Complete Streets and innovative intersections including roundabouts, DDIs, and CFIs, and has been involved in several major projects involving compressed schedules and quick turnaround deadlines. He has experience in both traditional and alternative delivery types as well as Construction Administration services, allowing him to help lead the charge in the transportation industry for Stantec in the State of Louisiana. Joe will serve as DESIGN QA LEAD AND DESIGN QC (ROADWAY) for this contract. Joe meets the following Minimum Personnel Requirements (MPRs) as specified in the advertisement for this project: 10			
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).			
07/2015 - Ongoing	I-49 LAFAYETTE CONNECTOR LADOTD Lafayette, LA Lead Roadway Engineer. Responsible for Task 4 Geometrics, as well as coordinating project needs for this 15-task program that is being carried out with a team of 15 design firms. Task 4 involves evaluation, development of alternatives, and recommendations for all roadway geometric elements for this 5.5-mile long corridor. Task 4 also is involved in coordination and participation in public outreach and finalization of a Supplemental EIS document. Joe is also serving as Project Manager for the Preliminary Design Phases of the I-49 Connector Project. Joe also performed internal QC on deliverables prior to external submittals.			
04/2015 - 06/2018	US 90 AT LA 318 INTERCHANGE DESIGN-BUILD PROJECT LADOTD St Mary Parish, LA Lead Roadway Engineer. Project included upgrading the existing two-lane undivided roadway LA 318 to a two-lane divided roadway with a raised median, and constructing a new overpass bridge for US 90 over LA 318. This project also included a significant utility relocation coordination effort, as well as ROW acquisition (first for a Design-Build Project), and a Transportation Management Plan. Joe's duties included leading the effort for plan development of the various design units, development of the TMP, design of frontage road and ramp geometry, as well as construction support during the process. Joe also performed internal QC on deliverables prior to external submittals.			
11/2010 - Ongoing	NELSON ROAD EXTENSION AND BRIDGE LADOTD Lake Charles, LA Project Manager. Project Manager for the Environmental Assessment as well as the Preliminary and Final Design Phases of this project to construct a new high-level bridge over Contraband Bayou. During the environmental phase, Joe coordinated all environmental tasks and developed the line and grade study, performed a vessel survey to better understand navigational requirements for the proposed bridge, assisted with development of the Section 404 and Section 10 permits (USACE and USCG), and coordinated the compilation of the entire EA document, which included three subconsultants. Joe also designed the horizontal and vertical geometry for the project and providing general oversight, guidance, and coordination of plan development for the various disciplines involved, including roadway design, drainage design, maintenance of traffic, bridge design, traffic signal design, railroad design, lighting design, and assisted District 07 with the coordination of utility impacts. Joe also performed internal QC on deliverables prior to external submittals. Joe is currently managing the limited construction support phase.			
08/19 - 04/24	I-10/LOYOLA INTERCHANGE DESIGN-BUILD LADOTD New Orleans, LA Lead Roadway Engineer. Joe serves as lead roadway engineer of this multimillion-dollar design-build project that will improve access and traffic operations to and around the new Northfield Terminal at the New Orleans International Airport. The project consists of a Diverging Diamond Interchange and flyover ramps leading to/from the Airport on the east side of the interchange.			
05/12 - 08/17	GOVERNMENT STREET ROAD DIET: STUDY THROUGH FINAL DESIGN LADOTD Baton Rouge, LA Roadway Engineer. Joe provided QA/QC and roundabout design oversight services for this project that rehabilitated and re-striped existing roadway from a four-lane section to a three-lane section (Road Diet). Restriping the roadway allowed the reclaimed pavement to be used for multi-modal and streetscape improvements. Bike lane improvements and vegetative median islands were added to the corridor and sidewalks were brought up to ADA compliance. This project included a single-lane roundabout with bypass lanes designed for the Lobdell Avenue intersection, complete street improvements, access management, and community enhancements.			

04/11 - 06/15	I-210: COVE LANE INTERCHANGE AND ROUNDABOUT PROJECT LADOTD Lake Charles, LA Assistant Project Manager and Lead Roadway Engineer. During the Stage 0 and IMR phases of the project, Joe developed 29 full interchange alternatives and coordinated with traffic engineers during the analysis and modeling efforts to modify the alternatives as needed to satisfy DOTD needs. In the environmental phase, he provided the exhibits and materials necessary to support the Environmental Assessment document. During the Preliminary and Final Design Phases of the project, he designed the horizontal geometry for the entire project that upgraded the existing partial interchange exit ramp at Cove Lane to a full access interchange, including a new roundabout intersection at W. Prien Lake Road, and connections to the access road leading to the Golden Nugget Casino & Resort Development. Joe also led the roadway design plan development efforts, designed and coordinated multiple disciplines including hydraulic analysis and design, striping and signing design, bridge and structural design, geotechnical design, and maintenance of construction, as well as ROW acquisition, Utility Coordination and Relocation, and implemented environmental commitments into the design. Joe was also involved with the development of the Transportation Management Plan, and the development and approval of several Special Provisions for the project. Lastly, he was heavily involved in the construction process, which included frequent trips to the project site, answering RFIs, and assisting LADOTD with maintaining the project schedule.
01/13 - 01/15	LA 447/I-12 INTERCHANGE LADOTD Livingston Parish, LA Project Manager. Joe managed the roadway design of improvements to the existing ramp terminal intersections for the diamond interchange at LA 447 and Interstate 12. The proposed roundabout improvements at both ramp terminals facilitate traffic movements in all directions, as well as provide bypass lanes for I-12 eastbound & westbound traffic, which increase the overall operation of the interchange. Both roundabout locations proposed are multilane roundabout intersections, featuring two circulating lanes for the north and south approaches. The roundabout approaches expand from two to four lanes on each side of the existing LA 447 bridge that overpasses I-12. The location of the roundabout intersections were strategically placed to expedite construction and maintain traffic during the construction phase. Joe designed all horizontal and vertical geometry including the roundabout intersection and other roadway improvement elements, and lead the plan development efforts for this interchange improvement, which included study and investigation of future phased construction including the partial cloverleaf improvement planned at the I-12 interchange, assuring that the design would provide space for minimal reconstruction in the future.
03/07 - 12/12	RIVER ROAD (LA 327) RELOCATION LADOTD Baton Rouge, LA Lead Roadway Engineer and Assistant Project Manager. Joe led roadway design and plan development efforts to relocate River Road for approx. 1.1 miles and install three new, single-lane, roundabout intersections for the proposed development access that mitigated impacts for this \$400M+ casino development. In addition to the River Road Relocation effort, he led the management, design, and plan development for five offsite intersections also associated with the traffic impact for this development. In addition to designing the horizontal and vertical geometry for these improvements, Joe also designed the drainage elements for the project (paved gutter drains, culvert design, and open ditch design), striping and signage, maintenance of traffic plans, and assisted with coordination of utilities and lighting for the project. He was heavily involved in the client coordination and project coordination efforts during the planning of the development. Joe was also heavily involved in the construction phase of the project, including construction support and construction administration. This project made history for being the first roundabouts in Baton Rouge.
08/14 - 08/19	W. PRIEN LAKE ROAD RELOCATION LADOTD Lake Charles, LA Project Manager. Joe served as Project Manager for the Preliminary and Final Design Phases of this project, that proposed to realign W. Prien Lake road for approx. 1.4 miles to improve interchange operations at I-210 and Nelson Road. Joe designed the original horizontal and vertical geometry for the project that included a multi-lane roundabout, and a 4-lane divided highway section between Nelson Road and the W. Prien Lake Road @ Holly Hill roundabout intersection. He also oversaw the final design of the horizontal and vertical geometry, as well as provided general oversight, guidance, and coordination of plan development for the various disciplines involved, including roadway design, drainage design, structural design, traffic signal design, and lighting design performed by a subconsultant. Joe helped with construction support for this project.
01/14 - 03/18	LA 86 AT LA 320 ROUNDABOUT LADOTD H.009142 New Iberia, LA Quality Control. Joe provided technical guidance during the plan development process, helping with constructability, quality control/quality assurance, and maintenance of traffic solutions.
03/14 - 10/16	US 11 @ CLEO ROAD ROUNDABOUT Slidell, LA Quality Control. Joe provided technical guidance during the plan development process, helping with constructability, quality control/quality assurance, and maintenance of traffic solutions.

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Joseph "Brian" Johnson, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	21	
TITLE	Principal, Structural Section Manager	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	5	
DEGREE(S) / YEARS / SPECIALIZATION		MS 2000 Civil Engineering; BS 1999 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 31273 LA 09/30/2026		
YEAR REGISTERED	2004	DISCIPLINE	Civil Engineering	
Contract role(s) / brief description of responsibilities	Brian brings 26 years of engineering experience specifically related to structural projects and serves as the Structural Section Manager in the Baton Rouge office. His primary expertise lies in analysis, design, rating, inspection, and rehabilitation of bridges. Brian has managed bridge projects with a variety of structure types such as prestressed concrete girders, steel truss vertical lift bridges, long span steel trusses, horizontally curved steel plate girders, concrete box culverts, and retaining walls. He has overseen several NSBI bridge inspection projects and been involved in several hydraulic studies for bridge replacement projects in both Mississippi and Louisiana. Brian will serve as DESIGN QC (STRUCTURES) for this contract. Brian meets the following Minimum Personnel Requirements (MPRs) as specified in the advertisement for this project: 11			
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).			
07/2015 - 06/2018	US 90 INTERCHANGE AT LA 318 DESIGN-BUILD LADOTD St. Mary Parish, LA Structural QA/QC Manager. Brian served as the structural quality control manager for this design-build project which consisted of a new twin structure and a diamond interchange. This stretch of US 90 has been designated as the future I-49 corridor. The bridges consisted of LG-54 prestressed concrete girder spans with lengths up to 111-ft supported by multi-column concrete bents. Brian performed independent reviews of the reported designs and the proposed construction plans.			
12/2015 - Ongoing	NELSON ROAD EXTENSION AND BRIDGE LADOTD Contract No. H.005967 Lake Charles, LA Structural Engineer. Brian managed the bridge and structural design efforts from preliminary to final plans. He performed quality review of bridge design, plans, and specifications for this bridge extension to the surrounding roadway network. Project tasks included design of bridge superstructure, substructure including foundations, median barrier design, and as-designed load rating. Other design elements include navigational lighting bridge attachments and steel bracket light supports with concrete anchors to the bridge structure. Structural Design was performed in compliance with AASHTO LRFD Specifications. In addition, he led the inspection of an existing sign truss to ensure it could be reused for the current project. Brian is currently providing structural construction support for this project.			
08/2014 - 07/2019	WEST PRIEN LAKE ROAD RELOCATION LADOTD Lake Charles, LA Lead Structural Engineer. Brian was responsible for leading design and plan development efforts for a two-cell, 12-ft x 12-ft reinforced concrete box culvert. The culvert is 117-ft long supporting four travel lanes, a shared use path, and a sidewalk. An architectural railing was installed along the headwall length. Brian oversaw construction administration activities which included reviewing shop drawings, addressing contractor RFIs, and providing construction engineering.			
07/2015 - 10/2020	I-10 ATCHAFALAYA CLEAN, PAINT & MISC. REPAIRS LADOTD Contract No. H.009461 St. Martin & Iberville Parishes, LA Project Manager. Brian oversaw plan production, scheduling field activities, reviewing assessment reports, and construction support services. Project included developing repair and rehabilitation plans for approximately 18.5 miles of structure. Structural steel plate girder and prestressed concrete girder spans founded on multi-column concrete bents were the primary structure types. Repair solutions included concrete deck and barrier rail repairs, concrete and steel girder repairs, bridge bearing replacements, and painting existing structural steel.			
08/2019 - 04/2024	I-10/LOYOLA INTERCHANGE DESIGN-BUILD LADOTD Contract No. H.011670 New Orleans, LA Lead Structural Engineer. Brian leads the structural design efforts of two new flyover ramps, one bridge widening, noise barriers, precast box culverts, roadway and pier protection barriers, and miscellaneous structural elements. During design, Brian orchestrated a series of meetings with the contractor, fabricators, vendors, and suppliers to optimize and streamline the design. He oversees construction support which includes shop drawing reviews, addressing RFIs, and providing construction engineering services.			
04/2011 - 03/2015	I-210: COVE LANE INTERCHANGE AND IMPROVEMENTS PROJECT LADOTD H.010151 Lake Charles, LA Lead Structural Engineer. Brian managed the structural design of a single-span, 130-ft long, prestressed concrete girder bridge along I-210 over Cove Lane and twin concrete slab span bridges over Cline Canal. He provided construction support by reviewing shop drawings, addressing RFIs, attending weekly progress meetings, and performing construction engineering. All design was performed in accordance with AASHTO LRFD Bridge Design Specifications.			

10/2022 - Ongoing	IDIQ CONTRACT FOR BRIDGE PRESERVATION Contract No. 4400023922 LADOTD Statewide, LA Project Manager. Brian serves as the Project/Contract Manager overseeing this \$7 million IDIQ contract. Two task orders are active (I-10 over Trinity Canal Bridge Repair and Box Culvert Initiative to replace 13 existing bridges) with several in the negotiation phase (US80 near Minden, 10 bridge replacement with boxes, Yellow Water River bridge replacement, and I-10 over Loyola Dr rehabilitation). He is responsible for developing scope and estimate documents, overseeing project activities, coordinating with LADOTD and supporting disciplines/sub-consultants, managing project budgets, and maintaining schedules.
09/2012 – 09/2017	RETAINER CONTRACT FOR BRIDGE PRESERVATION Contract No. 4400002536 LADOTD Statewide, LA Project/Contract Manager. Brian served as the Project/Contract Manager for this \$6 million contract. Services included bridge inspections, bridge rehabilitation, new roadway alignment construction, lighting and utility design services, new bridge construction, construction support services, and bridge load rating analyses. Task orders included design and construction support for the US90Z Ramp Improvements in New Orleans, LA3064 Essen Lane Bridge Widening in Baton Rouge, LA511 Jimmie Davis Bridge Rehabilitation in Bossier Parish, I-10 Bridge Preventive Maintenance along the Atchafalaya Floodway Basin; and construction support on the I-210 / Cove Lane interchange in Lake Charles. Brian provided both technical and contractual oversight on these tasks and more.
01/2023 – Ongoing	LA 3094: HEARNE AVE BRIDGE AND US 80: KCS RR OVERPASS (HBI) Contract No. 4400022901 LADOTD Shreveport, LA Project Manager. Brian manages the design and plan development efforts for the replacement of two bridges over CPKC (formerly KCS) lines in Shreveport, LA. Using concepts developed by LADOTD, new span arrangements are being developed to minimize railroad right-of-way impacts with the goal to limit impacts due to raising the finish grade to accommodate vertical and horizontal clearances. The Hearne Ave. crossing concepts were studied to determine potential impacts ahead and back station of the bridge. Preliminary plans are in development. Topographic survey is being collected at the US 80 (Texas Ave.) crossing with preliminary plans anticipated to begin early 2026. Brian coordinates with LADOTD PMs regularly and is responsible for QC efforts and transmitting deliverables.
03/2024 - 06/2025	SR 28 OVER PEARL RIVER REPAIRS MISSISSIPPI DOT Copiah and Simpson Counties, MS Project Manager. Brian served as the Project Manager for the inspection and repair of a steel through truss that was damaged due to an oversized vehicle impact. When the damage occurred, MDOT requested Stantec to perform a damage inspection to determine the extents of required rehabilitation. Brian led the initial inspection and coordinated the hands-on inspection just one week after the impact. Repair plans were developed using the inspection findings. Truss members were replaced in-kind. Stantec reviewed contractor shop drawings and temporary support design for each phase of construction.
08/2022 – Ongoing	BRIDGE INSPECTION AND RELATED SERVICES IDIQ MASTER CONTRACT 2022 Mississippi Office of State Aid Road Construction Statewide, MS Project Manager. Brian manages all field and office work for inspecting and load rating over 200 bridges annually through the state of Mississippi. Inspections and load ratings are performed in accordance with current NBIS and SNBI and procedures as outlined in the AASHTO MBE. Brian also serves as the contract administrator and is responsible for developing work assignments including scope, schedule, and fee estimates. His responsibilities also include managing project activities, inspection scheduling / coordination, performing QC/QA on field inspections, load ratings, and inspection reports, and assisting with invoicing. Structure types include steel trusses, structural steel plate girders, steel railroad flat cars, reinforced concrete girders and slabs, and reinforced concrete box culverts. Work assignment number six was executed in August 2025 and will terminate in early 2026. Brian has managed this contract since first award in 2010.
11/2022 - Ongoing	SR 16/SR 149 FLOODWAY CHANNEL YAZOO RIVER Mississippi DOT Yazoo County, MS Project Manager. Brian serves as the Project Manager on this bridge replacement project involving three existing structurally deficient bridges over the Yazoo River Relief Channel system. The main structure is a 928-ft long structural steel plate girder bridge on a 20-degree skew with a span arrangement of 280-368-280-ft. The two approach structures consist of three 100-ft prestressed concrete girder (FIB-45) spans. Foundations consist of steel pipe piles and drilled shafts (84-in diameter). Brian managed design and plan development activities, performed quality control checks, and oversees construction administration activities.
07/2018 - Ongoing	SR 12 OVER SUNFLOWER RIVER BRIDGE REPLACEMENT Mississippi DOT MS Project Manager. Brian serves as the Project Manager for this bridge replacement of an existing structurally deficient bridge. The new structure will be a three-span, structural steel plate girder bridge that will be 910-ft long with a main span of 350-ft. A construction sequence is suggested that will reduce transportation concerns by using shorter field pieces that will be spliced on the site prior to erection. Substructure units consist of concrete caps founded on drilled shafts (7-ft diameter) and steel pipe piles. Segmental joints were designed for the bridge ends to accommodate large movements and minimize future maintenance considerations.
08/2015 - 03/2020	I-20 / TARBUTTON INTERCHANGE City of Ruston Ruston, LA Project Manager. Brian managed the design of a two-span bridge over I-20 to replace an existing structurally and geometrically deficient bridge along Tarbutton Rd. The bridge consisted of structural steel plate girders and drilled shaft foundations. Design efforts were performed in under four months to avoid losing project funding. In addition to design and plan development, Brian oversaw construction support which included reviewing shop drawings and addressing contractor RFIs.

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Joseph Barker, PE, PTOE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	8	
TITLE	Traffic Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	6	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2011 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE #40664 LA 09/30/2026 PTOE #4364 LA 11/20/2026		
YEAR REGISTERED	2016	DISCIPLINE	Civil Engineer	
Contract role(s) / brief description of responsibilities	Joseph has over 14 years of experience in transportation planning and traffic engineering. He specifically has interest in sustainable transportation planning, urban mobility, tactical urbanism, equitable placemaking, and the promotion of active modes of transportation. Joseph will serve as DESIGN QC (TRAFFIC) for this contract and meets the following Minimum Personnel Requirements (MPRs) as specified in the advertisement for this project: 5			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
08/2019 - 04/2024	I-10/LOYOLA INTERCHANGE DESIGN-BUILD LADOTD Contract No. H.011670 Kenner, LA Traffic Engineer. Joseph assisted with the signal design services for what will be one of the first diverging diamond interchanges in the State of Louisiana. Completed signal layouts, design plans, and signal timings. The project consists of a Diverging Diamond Interchange, in addition to flyover ramps leading to/from the Airport on the east side of the interchange.			
01/2018 - Ongoing	ROUGH EDGE ROAD INTERCHANGE City of Ruston Ruston, LA Traffic Engineer. Stantec was selected to perform a traffic impact study for an upgraded bypass corridor through southeast Ruston and a proposed interchange at the intersection of Interstate Highway 20 (I-20) and Rough Edge Road in Lincoln Parish. Joseph provided traffic engineering services including, but not limited to, growth rate determination, traffic forecasting, trip distribution, trip generation, origin-destination analysis, peak period/hour determination, Vistro modeling, project research, technical writing/documentation.			
02/2018 - Ongoing	I-49 LAFAYETTE CONNECTOR LADOTD Lafayette, LA Traffic Engineer. Joseph is responsible for traffic analysis and environmental documentation of various geometric design alternatives. Project includes a comprehensive Vistro model and additional analyses using TransCAD, VISSIM, and Sidra software packages. Project follows the Access Justification Request (AJR) guidelines established by LADOTD and FHWA. Joseph has been involved in the Context Sensitive Solutions (CSS) process that has allowed for informed changes to ramp layouts and interchange design and has enabled Stantec to redesign several key elements through a Tiered Analysis approach to emphasize urban design principles, including pedestrian and bicycle accommodations. Joseph is documenting the project to follow the LADOTD Traffic Engineering Process and Report (TEPR) guidelines.			
04/2020 - 07/2020	LOUISIANA ROUNDABOUT ENVIRONMENTAL FACTOR DEVELOPMENT ULL Baton Rouge, LA Traffic Engineer. Stantec was tasked to develop the Environmental Factor (EF) required for the planning and design of roundabouts in Louisiana using the SIDRA software. The EF is used as a calibration parameter to account for Louisiana specific factors that impact capacity estimated using SIDRA models. An accurate EF is important for efficient roundabout design. Joseph was responsible for all SIDRA analysis for five sample data sets at existing roundabout approaches in Louisiana. The analysis involved an iterative process of completing SIDRA analysis for saturated flow data sets at each approach to determine the EF that would most closely calibrate the analysis outputs to real-world capacity. The findings of the study were to be used by LADOTD to revise the SIDRA methodology for all roundabout analysis in Louisiana.			
06/2016 - 02/2018	I-10 AT LA 73 (LA 74 TO LA 621) STAGE 0 FEASIBILITY AND TIER ANALYSIS LADOTD Prairieville, LA Project Engineer. Provided a Stage 0 Feasibility Study and environmental inventory for LADOTD, documented in accordance with NEPA requirements, to evaluate conceptual alternatives and no-build for the LA 73 corridor to improve traffic operations. A traffic engineering study and Tiered Interchange Analysis report were completed to study a comprehensive number of interchange alternatives and analyze the operational and safety improvements associated with each. Improvements in operations and safety through conceptual geometric design were also analyzed. Detailed crash analysis was completed to determine segments, intersections, or spot locations with abnormal crash rates.			

01/2026 - Ongoing	TOWN OF WEAVERVILLE ON-CALL ENGINEERING CONTRACT Town of Weaverville Weaverville, NC Traffic Lead. Traffic Lead responsible for all traffic and transportation-related tasks, including preparing traffic impact analyses for development projects and municipal planning initiatives, conducting intersection and corridor operational studies, and performing pavement condition surveys to support maintenance prioritization. Joseph leads multimodal transportation planning efforts, developing conceptual designs for roadway improvements, intersection enhancements, and traffic calming measures, while also assisting with grant applications for transportation funding. Additionally, he focuses on active transportation and complete streets planning, including the design of sidewalks, greenways, and shared-use paths to improve connectivity and accessibility. Joseph ensures ADA compliance for pedestrian infrastructure and incorporate safety and mobility improvements for vulnerable road users in all design recommendations. His responsibilities also include regulatory compliance with NCDOT standards and coordination with municipal staff, contractors, and agencies to deliver innovative, cost-effective solutions that enhance mobility, safety, and accessibility throughout the Town's transportation network.
01/2022 - Ongoing	AIRLINE HIGHWAY SOUTH STUDY LADOTD Baton Rouge, LA Traffic Engineer. Airline Highway (US 61), in the project area, is currently six lanes between Bluebonnet Boulevard and Cedarcrest Avenue. South of Cedarcrest Avenue, Airline Highway transitions from a six-lane roadway to a four-lane roadway, which continues to the East Baton Rouge/Ascension Parish Line. The City-Parish has directed that Phase 1 of the project shall consist of studies associated with improvements from south of the Airline/Siegen CFI to Bluebonnet Boulevard. Between the CFI to Industriplex Boulevard, Phase 1 will transition to two through lanes in each direction to match the existing NB and SB section beyond Industriplex. Joseph is responsible for performing traffic engineering services in accordance with the LADOTD TEPR process including, but not limited to, peak period/hour determination, peak period observations, future volume projections, existing analysis, alternative analysis, microsimulation, signal timing/optimization, and documentation.
06/2021 - 03/2022	SUMMER AVENUE COMPLETE STREETS STUDY TDOT Memphis, TN Traffic Engineer. Summer Avenue is a 5-to-7 lane 'speedway' with approximately 25,000 vehicles per day cutting through the east side of Memphis, TN, and has seen very little change over the past two decades. Stantec's multimodal approach reviews the existing transportation infrastructure holistically, while considering land use decisions, access management and traffic calming, improvements to connectivity, economic development, transit integration, as well as on-street parking. A Multimodal level of service (MMLoS) analysis highlighted the disparity between driving and all other modes. Community feedback complemented the analysis by identifying the most critical locations of need. Engagement directly influenced the conceptual redesign, which reflects community character and heritage while enhancing connectivity and linkage between the neighborhoods north of the road and development along Summer Avenue. A toolkit for Complete Streets provided policy and design guidance for enhancing the corridor. Joseph was responsible for traffic engineering services related to the project including, but not limited to, alternative development, signalization planning, and intersection analysis.
03/2021 - 03/2026	44-20058 LADOTD RETAINER CONTRACT FOR ITS DESIGN AND IMPLEMENTATION SERVICES LADOTD Traffic Engineer. Stantec has performed services under 19 task orders covering all phases of Project Management/Program Assistance, Coordination Meeting/Project Reporting, ITS/Traffic Engineering Analyses, Engineering Plans/Specifications/Construction Estimates, and Technical support during Construction through this IDIQ contract for LADOTD. Throughout this contract, Stantec has proactively managed each task order, typically multiple task orders concurrently. By completing this work, Stantec has delivered multiple in-service ITS improvements around the entire state; we have performed an update to the Statewide ITS architecture and the New Orleans regional architecture, completed three project planning reports (typically Systems Engineering Analyses), two sets of design plans and specifications and is closing out nine projects designed under the previous ITS IDIQ Contract by providing technical support during construction services. We rise to the challenge to deliver unique solutions utilizing the latest technological advances and best practices to improve safety on our roadways. These projects are already helping DOTD improve their TMC operations and planning for the future.
10/2015 - 07/2016	I-10 AT AMBASSADOR CAFFERY STAGE 0 FEASIBILITY STUDY AND TIER ANALYSIS LADOTD Lafayette, LA Project Engineer. Feasibility study evaluating the on- and off-ramps of the North Ambassador Caffery/I-10 interchange in Lafayette, LA. In addition to studying the ramps, the existing Ambassador Caffery overpass was evaluated, along with West Willow Street and driveways along Ambassador Caffery. A traffic engineering study and Tiered Interchange Analysis report were completed to study a comprehensive number of interchange alternatives and analyze the operational and safety improvements associated with each. Improvements in operations and safety through conceptual geometric design were also analyzed. Detailed crash analysis was completed to determine segments, intersections, or spot locations with abnormal crash rates.

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Matthew "Matt" Davis, PE, PTOE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	16	
TITLE	ITS Practice Lead	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	0	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2009 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 38947 LA 09/30/2026		
YEAR REGISTERED	2014	DISCIPLINE	Civil Engineer; PTOE #3914, 2015	
Contract role(s) / brief description of responsibilities	As Stantec's ITS Practice Lead, Matt works with our teams across North America to plan for and implement innovative Intelligent Transportation Solutions. He is working collaboratively across disciplines to deliver transformational infrastructure projects that leverage technology to improve the safety and operations of our transportation networks. His background covers the complete project lifecycle where his understanding of operations and maintenance informs planning efforts that in turn informs analysis, design, and integration of new systems. Matt understands that the ITS solutions deployed in the field ultimately need to be maintainable and need to be both useful and intuitive for the Operators in the TMC in order to meet the goals of our clients. He has led the delivery of dozens of ITS projects across the country, overcoming a variety of challenges through unique and targeted solutions. Matt will serve as DESIGN QC (ITS) for this contract.			
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).			
06/2017 - 05/2023	TDOT ITS ON-CALL CONTRACTS TDOT Statewide, TN Project Manager. Matt is the project manager on eight ITS design work orders issued from Stantec's three ITS On-Call Contracts with TDOT. Matt has worked with TDOT to develop a systems engineering approach to ITS design projects that helps facilitate stakeholder engagement early in the project and looks at a variety of alternatives to help meet the stakeholder needs in a cost-effective manner. The various projects have included elements of fiber optic communications systems, underground conduit and pull boxes, communications hubs, device cabinets, structural design, and power systems. ITS devices included in the projects consist of CCTV cameras, radar vehicle detection systems, roadside units, dynamic message signs, and environmental sensor systems. Matt has facilitated coordination with TDOT staff from headquarters and the region offices as well as with maintenance contractors and IT staff. Matt has also worked closely with Stantec's GIS, geotechnical, and structural staff to improve the design and overall project deployment process. Furthermore, Matt has worked closely with TDOT to overhaul and standardize TDOT's ITS special provisions.			
08/2019 - 04/2024	I-10/LOYOLA INTERCHANGE DESIGN-BUILD LADOTD CONTRACT NO. H.011670 Kenner, LA Traffic Quality Control Reviewer. Matt performed quality review on ITS and traffic signal plans as well as the VISSIM model developed for the Diverging Diamond Interchange signals and the Transportation Management Plan prepared for this design-build project. The project also includes adjacent signalized intersections north and south of the interchange along with a multi-use path for pedestrian and bicycle accommodations. The Veterans Boulevard intersection with Loyola Avenue utilizes traffic signal equipment mounted to the flyover bridge structures.			
08/2018 - 11/2020	ALEXANDRIA ITS PHASE 3 LADOTD Alexandria, LA Project Manager. Matt oversaw the ITS project that expanded traffic operations management coverage to include 10 miles of US 71 and LA 28 in Alexandria, Louisiana. This deployment included 2 new arterial Dynamic Message Signs (DMS), 9 new CCTV camera sites, and fiber connectivity to 16 existing traffic signal cabinets to allow LADOTD to monitor, identify and manage traffic incidents within the city. The communications connections and coinciding traffic signal controller upgrades facilitates the ability for LADOTD to remotely monitor and change traffic signal timings for regular updates as well as in the event of a diversion. LADOTD was able to leverage existing fiber optic cable through a fiber sharing deal for this project. Matt coordinated with the fiber optic provider and LADOTD to determine splice locations and the overall communications architecture.			
06/2021 - 12/2021	HOUMA REGIONAL ITS ARCHITECTURE UPDATE LADOTD Houma, LA Quality Control Reviewer. Matt provided quality control reviews for the important update to the Houma Regional ITS Architecture. The architecture update is playing a critical role in identifying user needs and technology solutions to meet those needs both within the existing MPO boundary as well as within one of the nation's most critical energy corridors. This update to the regional architecture is including a focus on tolling operations and transportation challenges around the Port Fourchon area, which is a critical asset in the nation's energy supply from the Gulf of Mexico. Matt is responsible for performing quality control reviews and input into the development of the architecture and proposal of solutions to meet the stakeholder needs. Matt also participated in stakeholder outreach efforts to accurately track and identify the stakeholder needs and identified projects.			
04/2011 - 06/2015	I-210: COVE LANE INTERCHANGE AND IMPROVEMENTS PROJECT LADOTD Lake Charles, LA Traffic Engineer. Matt developed an IJR for I-210 between Cove Lane and Nelson Road interchanges. Coordination contributed to the expedited 8-month NTP to FONSI EA timeline realized for this high-profile project. Peak hour traffic volumes for 28 possible design alternatives accommodated all future developments including the Ameristar Casino and Hotel north of I-210. Alternatives were reduced to 8, on which HCS and SIDRA analyses for over 50 locations per alternative were performed.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Joseph "Keith" Palermo, PE, PLS	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	3	
TITLE	Construction Manager	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	29	
DEGREE(S) / YEARS / SPECIALIZATION		BS 1993 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 27665 LA 9/30/2026 PLS No. 4791 LA 9/30/2026		
YEAR REGISTERED	1998 (PE) 1996 (PLS)	DISCIPLINE	Civil Engineer Professional Land Surveyor	
Contract role(s) / brief description of responsibilities	Keith has 32 years of engineering experience in the maintenance and construction of roads and bridges gained through employment with LADOTD. He is experienced in working with local, state, and federal officials. Keith will serve as CONSTRUCTION SUPPORT SERVICES LEAD for this contract.			
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).			
07/2022 Ongoing	MOVEBR ENHANCEMENT PROGRAM Baton Rouge, LA Construction Manager. Keith is responsible for Design QC Reviews and Constructability reviews for this Community Enhancement Program focused on improving key roadways and roadway corridors by adding capacity or enhancement features such as ADA and bicycle improvements. Keith is also responsible for construction contract administration including ensuring adequate sampling and testing is performed; approving invoices for testing lab services; approving contractor's estimates and preparing change orders for the City of Baton Rouge. Keith supervises field inspectors on multiple roadway and pathway projects and responds to contractor's questions, resolves field issues, and conducts shop drawing and submittal reviews.			
09/2013 - 07/2022	LADOTD, DISTRICT 61 LA Area Engineer. Keith was responsible for all maintenance, construction, and contract maintenance for a four-parish area (Pointe Coupee, West Baton Rouge, East Feliciana, and West Feliciana Parishes), including all aspects of construction contract administration and maintenance programming needs. Responsible for the productivity of two Project Engineer offices and four parish maintenance offices totaling approximately 74 employees. Provided input for project development and delivery in line with transportation needs. Developed and maintained effective working relationships with a diverse group of stakeholders, including representatives of the FHWA, US Army Corps of Engineers, industry contractors, consultants, public officials, and the general public. Planned and executed Emergency Support related to the Flood of 2016. Testified on behalf of DOTD in depositions and court cases. Some major projects of note include: • H.010435: LA 411 and LA 413 Mill, Patch, Soil-Cement Stabilization, Asphalt Overlay, and Drainage Structures • H.011224: US 190 Guard Rail Replacement and Roadway Rutting Repairs – Pointe Coupee Parish • H.012604: LA 77 Grosse Tete Moveable Bridge Hydraulic Repairs – Iberville Parish • H.012164: US 61 Virtual Weigh-In Motion Site – West Feliciana Parish • H.013193: US 61 Thompson Creek Bridge Replacement – West Feliciana Parish • H.012588: I-10 (Atchafalaya Basin Bridge to West Baton Rouge Parish Line) Mill, Asphalt Overlay, and Cable Barrier H.013456: LA 959 Emergency Drainage Repair – East Feliciana Parish • H.013891: I-10 (Iberville/St. Martin Ph Line to W. End of Miss. River Bridge) Raised Pavement Markers Removal and Replacement • H.013833: I-10 & US 61 Overhead Sign/Truss Upgrades – Iberville and East Baton Rouge Parishes			
11/2012 - 09/2013	LADOTD, DISTRICT 61 LA Area Engineer. Responsible for all maintenance, construction, and contract maintenance, for East Baton Rouge Parish including all aspects of construction contract administration and maintenance programming needs Responsible for the productivity of two Project Engineer offices and one parish maintenance office totaling approximately 45 employees. Responsible for the maintenance and operation of seven storm water pumping stations within East Baton Rouge Parish.			

07/1999 - 11/2012	LADOTD, DISTRICT 61 LA Project Engineer. Supervised a team of inspectors and office personnel while performing Construction Contract Administration for many types of highway and bridge construction projects, including PCC pavement, bridges, driven pile foundations, drilled shaft foundations, sound walls, asphaltic pavement, drainage structures, retaining walls, embankment and base course, repairs to movable bridges, traffic signals, traffic cameras, striping, and other incidental types of work. Planned and executed recovery activities for Hurricane Gustav contract debris removal operations in Pointe Coupee, and West Baton Rouge Parishes. Some major and interesting projects include: • 450-10-0113: I-10 and I-12 Sound Barrier Project in East Baton Rouge Parish • 008-01-0043 / 008-02-0027: US 190 Reconstruction (LA 983 to LA 1) West Baton Rouge and Pointe Coupee Parishes • 450-07-0082: I-10 Patch, Mill and Overlay (LA 415 to Ramah) West Baton Rouge and Iberville Parishes • 052-02-0025: LA 1 Patch, Mill, and Overlay (LA 413 to LA 10) Pointe Coupee Parish • 230-01-0016: LA 3066 Indian Village Moveable Bridge Barrier Repair -Iberville Parish • 824-18-0027: LA 75 Bayou Sorrel Pontoon and Pivot Arm Repair – Iberville Parish • 450-08-0051 / 450-10-0140 / 450-09-0026: I-10 Mississippi River Bridge Sign, Truss, Structural Metal Work, Epoxy Overlay of the Deck, and Striping – West Baton Rouge and East Baton Rouge Parishes • 008-02-0034: US 190 Left Turn Lanes at La 77 & La 78/La 411 – Pointe Coupee Parish • H.001253: La 1 Morganza Spillway Bridge Rehabilitation – Pointe Coupee Parish • H.009671: La 415, La 76, and La44 Concrete Patching - (West Baton Rouge and Ascension Parishes)
03/1994 - 07/1999	LADOTD, HEADQUARTERS PAVEMENT AND GEOTECHNICAL SECTION LA Design Engineer. Engineer in Training II. Engineer in Training I. Designed pile foundations for bridge projects throughout the state. Performed dynamic pile analysis in the field using DOTD's pile driving analyzer (PDA), evaluated the data, and made recommendations pertaining to pile driving hammer performance, pile driving criteria, pile integrity, pile stresses, and pile capacity. Performed embankment stability and settlement analyses.

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Ryan Lee, PMP, LEED AP BD+C	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	1	
TITLE	Project Controls Manager	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	19	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2009 Construction Management		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PMP National N/A // LEED AP BD+C National N/A		
YEAR REGISTERED	PMP 2018 LEED 2011	DISCIPLINE	N/A	
Contract role(s) / brief description of responsibilities	Ryan brings 20 years of experience in program and project management, project controls, and business development, consistently delivering measurable improvements to client programs and organizational performance. His expertise spans a wide range of contract types and delivery methods, including design-bid-build, design-build, construction management at-risk, fast-track GMP, and alternative delivery strategies. Ryan's extensive hands-on background covers all phases of construction across numerous sectors, such as industrial petrochemical, power utilities, renewables, healthcare, education, hospitality and leisure, mixed-use developments, road and bridge, multi-unit residential, retail, and maritime. Ryan has successfully led teams throughout the entire project lifecycle, from planning and procurement through execution and closeout while maintaining a strong focus on risk management, cost control, and schedule performance. In addition to his technical strengths, Ryan is committed to mentorship and to advancing the use of emerging technologies that are rapidly shaping the future of program management and field collaboration. Ryan will provide CONSTRUCTION ACTIVITIES SUPPORT services for this contract.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
11/2025 - Ongoing	MOVEBR ENHANCEMENT PROGRAM City of Baton Rouge Baton Rouge, LA Program Controls Manager. Stantec was selected as one of two program managers responsible for implementation of the MOVEBR Program, a \$1.1 billion effort comprised of 70+ projects, 40+ new capacity improvements, and 30+ corridor and mobility enhancements intended to relieve traffic congestion and enhance community roadway corridors. As the Program Controls Manager, Ryan is supporting CPM schedule review and management, project cost estimation, project time estimation, plan review, bid package preparation, addenda preparation, bid verifications, DBE paperwork review, document control, construction invoice preparation and review, construction change order preparation and review, review and provide input for RFI responses, and more.			
01/2024 - 11/2025	ENTERGY LOUISIANA RESILIENCY PROGRAM Entergy Louisiana New Orleans, LA Program Manager. Ryan served as EPC Program Manager for the Entergy Louisiana Resiliency Program, a 10-year, multibillion-dollar grid hardening initiative focused on strengthening system reliability against extreme weather. In this role, he partnered closely with the client to establish program roadmaps and develop PMO functions in coordination with key stakeholders. His portfolio responsibilities included Pre-FEED support, defining engineering and design requirements, and aligning procurement strategies with anticipated field execution ramp-up. Through strong relationship management and process-driven improvements, Ryan enhanced program delivery, adding measurable value to existing workflows and ensuring successful progression of this large-scale initiative.			
11/2020 - 02/2023	ENTERGY CAPITAL PROJECTS PROGRAM Entergy Baton Rouge, LA Area Manager. Ryan supported the Entergy client portfolio across Louisiana, Texas, Arkansas, and Mississippi within the Distribution Business Line, serving as the Gulf Coast Construction Area Manager. In this role, he ensured sustained program growth and actively mentored emerging professionals, while maintaining oversight of diverse contract structures and a workforce exceeding 250 field personnel.			
10/2018 - 12/2019	DELEK REFINERY EXPANSION PROGRAM Delek US Holdings Krotz Springs, LA Project Controls Manager. Ryan supported Cost and Schedule requirements across FEED and Detailed Design stage gates, ensuring alignment with project objectives and timelines. He built strong relationships with a newly established client within his organization and successfully implemented new procedures for IAPs and cost reporting, enhancing transparency and maintaining high levels of client satisfaction.			
01/2011 - 01/2013	L'AUBERGE BATON ROUGE HOTEL & CASINO RESORT Pinnacle Entertainment Baton Rouge, LA Project Engineer. Ryan supported Pinnacle Entertainment's program efforts for the L'Auberge Hotel & Casino Resort in Baton Rouge, LA. He served as a key contributor throughout design and construction activities within this expansive program, which encompassed seven distinct projects spanning multiple industry sectors. Ryan successfully navigated fast-track design-build challenges, working closely with designers, contractors, and stakeholders to address planning constraints, maintain project alignment, and achieve critical client-driven milestones. His ability to anticipate risks, resolve issues quickly, and manage evolving design needs played an essential role in keeping the program on track and supporting the client's broader development strategy.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Julia Rouse	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	3	
TITLE	Project Controls Consultant	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	12	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2009 Construction Management		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A		
YEAR REGISTERED	N/A	DISCIPLINE	N/A	
Contract role(s) / brief description of responsibilities	Julia has over 15 years of experience in Project Management as both an Owner's Representative and a Contractor. Her experience spans Governmental, Industrial, Commercial, and Utility disciplines. Julia managed a wide range of project controls aspects from estimating, proposal creation, and contract review to scheduling, document control, requests for information, change order creation, cost reporting, purchasing, invoicing, time keeping, and more. Julia later took her talents to the commercial realm where she used her skill set to manage multiple projects at a time from proposal to close out for private entities, the federal government, and several local municipalities as both a Prime and Subcontractor. Julia came to Stantec in March of 2023. Since she joined our team, she has taken on various tasks in the MOVEBR Program Management Team including plan review for cost estimation and constructability, budget analysis, cost controls, document control, schedule analysis, information systems management, and much more. Julia will provide CONSTRUCTION ACTIVITIES SUPPORT services for this contract.			
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).			
03/2023 - Ongoing	MOVEBR ENHANCEMENT PROGRAM City of Baton Rouge Baton Rouge, LA Project Controls Consultant. Julia provides support to the MOVEBR Program Management team through CPM Schedule review and management, Project Cost Estimation, Project Time Estimation, Plan Review, bid package preparation, addenda preparation, bid verifications, DBE paperwork review, Document Control, Construction Invoice preparation and review, Construction Change Order preparation and review, review and provide input for RFI responses, and more. Julia is working with the Project Management Team on the Plank-Nicholson BRT Corridor Project, which has multiple funding sources including multiple grants from the FHWA and the FTA. She has been instrumental in organizing the complex funding sources and reconciling the phased estimates with the budget.			
01/2021 - 03/2023	TRIUMPH CONSTRUCTION, LLC Project Manager-Estimate Baton Rouge, LA Julia provided estimating for civil/commercial projects on projects ranging up to \$30,000,000. Estimating duties include quantity take off, material and subcontractor pricing, proposal document preparation. She also performed project management duties on multiple projects including CPM schedule creation and maintenance, cost control, purchasing, billing/invoicing, document control, RFI submittal, change order management, personnel management, and subcontractor management. She was involved in private construction projects such as Elysian III (Baton Rouge, LA), Lotus Village (Baton Rouge, LA), and CVS Pharmacy (St. Rose, LA). Parish municipal project involvement included Fuqua St. Area ADA Project (Baton Rouge, LA), Florida St. Area ADA Project (Baton Rouge, LA), and Elm Grove Garden Drive Pedestrian Improvements (Baton Rouge, LA). State project involvement includes Joliet Trail Sidewalks (Baton Rouge, LA), Hyacinth Avenue Bike Lanes (Baton Rouge, LA), St. John Levee Trail Phase 3 (Garyville, LA), LA 3002 Access Management (Denham Springs, LA), and Louisiana Greenway Connector (Baton Rouge, LA). She also successfully managed the West Atchafalaya Basin Levee Slide Repair hauling for the USACE while in this position			
06/2019 - 10/2020	COST SEGREGATION SERVICES, INC. Project Engineer Baton Rouge, LA Estimated replacement value of commercial/residential buildings by analyzing pictures, plans, surveys, and/or actual cost documents. She would then segregate the building elements and building improvement elements into different categories on a depreciation schedule to help offset the property owner's taxable income.			
01/2014 - 02/2017	PERFORMANCE CONTRACTORS, INC. Project Coordinator Sulphur, LA Responsible for managing project cost reports, subcontractor activities and schedules, project schedules, project documents, project estimates, project scope and cost changes, project material procurement and sourcing, and project billing. Created estimates for time and materials as well as lump sum projects. She would manage and coordinate multi-discipline projects spanning multiple job sites in multiple states averaging \$5,000,000 in revenue per year. Interacted with clients, subcontractors, field personnel, and in-house management to ensure smooth progress of work and to complete projects with optimal schedules and budgets. Job sites included El Dorado Chemical Company (El Dorado, AR), MeadWestVaco-Ingevity (DeRidder, LA), International Paper Red River Mill (Campti, LA), Georgia Pacific (Crossett, AR), Packaging Corporation of America (DeRidder, LA), Green Bay Packaging AKD (Morrilton, AR), and Indorama Ventures Olefins (Westlake, LA).			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Cindy Hall, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	34	
TITLE	Senior Principal, Transportation Infrastructure Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	0	
DEGREE(S) / YEARS / SPECIALIZATION		BS 1992 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 27073 LA 09/30/2027		
YEAR REGISTERED	1997	DISCIPLINE	Civil Engineer	
Contract role(s) / brief description of responsibilities	Cindy's 34 years of experience include the design and project management of various civil and transportation projects. As Roadway Division Manager, Cindy manages the productivity of the roadway staff and oversees the quality of the plans and specifications developed by the Roadway Division. She has also served as project manager on many transportation projects including interstate and interchange improvements, rural arterials, and urban roadways with subsurface drainage and traffic signalization. Cindy has been involved in numerous projects implementing innovative geometric solutions including continuous flow intersections, a diverging diamond interchange, and roundabouts. She has also recently been involved in four Design-Build projects for LADOTD. In addition to her transportation experience, Cindy has designed and managed many wastewater pipeline, pump station projects, and utility relocations over the course of her career. Cindy will serve as ALTERNATIVE DELIVERY TECHNICAL SERVICES LEAD for this contract. Cindy meets the following Minimum Personnel Requirements (MPRs) as specified in the advertisement: 3			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
08/2019 - 04/2024	I-10/LOYOLA INTERCHANGE DESIGN-BUILD LADOTD New Orleans, LA Design Manager. Cindy manages this multimillion-dollar project that will improve access and traffic operations to and around the new Northfield Terminal of the New Orleans Airport. Cindy is overseeing the design and plan preparation efforts to add two directional flyover ramps, I-10 Westbound to Loyola Southbound, and Loyola Northbound to I-10 Eastbound. The D-B Team recommended an alternative technical concept which recommended a Diverging Diamond Interchange and required the completion of the Interchange Modification Report (IMR) and a Reevaluation of the Environmental Assessment. Cindy assisted Stantec's traffic engineers with the IMR by evaluating critical geometry, signing, striping, and providing documentation. Cindy and her project team provided exhibits and traffic models that were used during the public meeting and assisted DOTD with costs and documentation of the impacts for the reevaluation. Cindy has worked with the contractor to develop phased construction plans and design unit plan sets to construct critical path items first. She has worked with the D-B team to implement cost/schedule savings through design modifications and alternative material selections. She has worked with numerous stakeholders during the execution of this project including DOTD, FHWA, City of Kenner, Jefferson Parish, and the Airport.			
09/2023 - 04/2024	I-10 BAYWAY PROGRESSIVE DESIGN-BUILD ALDOT Mobile, AL Maintenance of Traffic (MOT) Engineer. The I-10 Bayway project increases the capacity of I-10 and enhances local/regional mobility by 1) rebuilding I-10 Bayway across Mobile Bay across eight lanes and raising the elevation to accommodate a 100-year storm surge, and 2) constructing two modified interchanges (Mid-Bay and Eastern Shore). Stantec is a major subconsultant providing MOT, bridge, coastal engineering, riverine hydrology, and environmental permitting services. Cindy has assisted with MOT planning and TTCP traffic analysis through the 30% planned submittal.			
05/2015 - 06/2018	US 90 AT LA 318 INTERCHANGE DESIGN-BUILD LADOTD St. Mary Parish, LA Design Manager. Cindy managed the design for this Design-Build project which improved the intersection of US 90 at LA 318 to a grade-separated interchange and brought US 90 up to interstate standards as a part of the Future I-49 Corridor. The project included dual overpass bridges, ramps, and frontage road relocations. The new frontage roads were used to maintain traffic during the construction of the overpass bridges. Stantec proposed an alternative technical concept to the proposed alternative in the RFP. This ATC conserved ROW, lessened impacts to the community and the environment, and saved construction cost. Stantec was also responsible for acquiring the ROW while construction was ongoing. Cindy also managed the relocation of utilities during construction and designed water and sewer relocations for St. Mary Parish. Stantec remained involved throughout construction and participated in resolving design and construction non-conformance issues and requests for information. Construction was complete in January of 2018.			

11/2009 - 08/2012	I-12 WIDENING DESIGN-BUILD LADOTD Contract No. 454-02-0071 Livingston Parish, LA Lead Roadway Engineer. Cindy was responsible for Stantec's roadway design efforts to widen a four-mile stretch of Interstate, from the Amite River to the Juban Road interchange. The design included widening, removal, overlay and replacement of various pavement sections, ramp deceleration lane improvements, and widening of the Gray's Creek Bridge and the 4-H Club Road and Range Avenue overpasses. The project required extensive maintenance of traffic and traffic control plans on this heavily traveled stretch of urban interstate. In addition to designing the construction plans, Cindy was actively involved in the construction phase, assisting the contractor by developing quality, cost-effective solutions that met or exceeded contract scope requirements.
04/2011 - 06/2015	I-210: COVE LANE INTERCHANGE AND IMPROVEMENTS PROJECT LADOTD Lake Charles, LA Roadway Engineer. Cindy was responsible for the sequence of construction and maintenance of traffic plans for this complex, tight diamond interchange which required ramps elevated on MSE walls, two new bridges, and surface street improvements including a new roundabout. Cindy was also responsible for the Level 2 Transportation Management Plan required for the project including safety and traffic analyses and traffic management strategies.
10/2009 - 06/2011	US 90 AT LA 85 INTERCHANGE DESIGN-BUILD LADOTD Contract No. 424-04-0032 Iberia Parish, LA Design Quality Control Manager. Cindy led the design QC effort for this project to elevate the rural arterial to urban interstate standards. The Design-Build Team designed upgrades involving construction of a concrete girder span bridge over Louisiana 85 along the US 90 corridor, an extensive rehabilitation of frontage roads and ramps, and the installation and upgrade of permanent drainage structures. As Design Quality Control Manager, Cindy was responsible for developing the Design Quality Control Manual, managing the Design Quality Control Reviews, responding to comments, holding design review meetings , distributing plan submittals, and documenting quality control records. During construction, she was responsible for adherence to the construction plans and the resolution of design non-conformance reports. Construction was completed, and the interchange opened to the public, in June 2011.
07/2019 - Ongoing	MOVEBR PROGRAM MANAGEMENT City of Baton Rouge Baton Rouge, LA Quality Control Project Reviewer. Cindy serves as QC Project Reviewer concentrating on Roadway and Complete Streets reviews. Cindy has reviewed design studies, preliminary and final plans, quantities, and construction cost estimates for corridor, signal, and sidewalk improvement projects.
11/2012 - 03/2023	PERKINS ROAD (SIEGEN TO PECUE) WIDENING TRAFFIC STUDY, ENVIRONMENTAL ASSESSMENT (EA), PRELIMINARY PLANS, FINAL PLANS AND RIGHT-OF-WAY MAPS City of Baton Rouge Contract 12-CS-HC-0015 Baton Rouge, LA Project Manager. This project initially included an EA and Preliminary Plans for improving 3.4 miles of Perkins Road (LA 427) from the existing two-lane roadway to a four-lane divided curb and gutter roadway with raised median, sidewalk, sewer, and subsurface drainage. During the EA phase, Cindy was responsible for line and grade alternatives study , stakeholder coordination, public outreach, led EA phase, preliminary plans (geometry, drainage, sequence of construction, signalization, preliminary construction cost estimate), and final ROW maps. Under the MOVEBR Program, Stantec completed Final Plans for Perkins Road from Siegen Lane to Pecue Lane using MOVEBR design criteria. This widening project accommodates the increase in traffic and improves travel efficiency along this corridor by introducing access management principles which have been shown to increase capacity and safety. Partial median openings and u-turn movements with bulb outs were provided along the corridor. Stantec was responsible for all final design including roadway and traffic signal plans , subsurface drainage and culvert design, and wetlands permitting. Final plans for this project were completed in March of 2023.
08/2005 - 12/2013	STARING LANE EXTENSION AND BRIDGE City of Baton Rouge Baton Rouge, LA Project Manager. This Green Light Plan project required a design study and plan development for a new, four-lane urban boulevard with a 30-foot median with subsurface drainage, sidewalks, and traffic signals. Cindy led construction plan development and design of preliminary and final plans including geometrics, intersections, earthwork modeling, striping, quantities, signal design, sanitary sewer force main design, and quality control. She also attended public meetings and coordinated with City and subconsultants.
01/2018 - 08/2018	DIJON DRIVE PHASE I & PHASE II City of Baton Rouge Baton Rouge, LA Quality Control. Stantec designed this roadway on new alignment for the City of Baton Rouge as an access roadway to the new Our Lady of the Lake Children's Hospital. This fast-paced project included a four-lane divided roadway on new alignment, sanitary sewer force main, subsurface drainage, signalization, and off-site intersection improvements. Cindy was responsible for quality control during the course of this project which was broken into two phases. Cindy reviewed each phase of work two times and offered comments before major milestone submittals.

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Robert Lemke, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	5	
TITLE	Senior Project Manager	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	32	
DEGREE(S) / YEARS / SPECIALIZATION		BS 1986 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 44314 LA 09/30/2026		
YEAR REGISTERED	2020	DISCIPLINE	Civil Engineer	
Contract role(s) / brief description of responsibilities	With more than three decades of experience in the design and management of transportation related projects, including complex highway infrastructure projects, Robert has worked on various alternative delivery projects including Design-Bid-Build, Construction Management at Risk (CMAR), Design-Build (DB), Progressive Design-Build (PDB), and Public Private Partnership (P3) projects. His responsibilities include the preparation of concept plans, project scoping, preparing RFPs, and managing design-build RFP preparation contracts. He has been responsible for all aspects of project delivery including managing design consultants, concept development, scoping, estimates, risk assessment, fee negotiations, design management, and construction delivery. Robert will serve as TECHNICAL ADVISOR / PROCUREMENT ASSISTANCE (DB, PDB, CMAR, CM/GC) EXPERT for this contract.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
01/2013 - 06/2018	I-69 SECTION 5 P3 PROJECT INDIANA FINANCE AUTHORITY/ISOLUX CORSAN Bloomington, IN Project Principal/Segment Manager and Quality Assurance Manager. Robert was responsible for the \$325 million I-69, Section 5 P3 project from Bloomington to Martinsville, Indiana. The project involves the conversion of twenty-one miles of SR 37 to an interstate roadway and renamed I-69. Specific improvements include construction of four new interchanges and four new overpasses, on/off-site drainage, utilities designs/relocations, geotechnical, maintenance of traffic, landscaping, environmental compliance, and signing & marking. For sections where the freeway is in a rural area, the mainline design consists of a four-lane divided highway with two 12-foot lanes in each direction, separated by a depressed median. For the urban areas, the mainline design consists of a six-lane divided highway with three 12-foot lanes in each direction. Mr. Lemke also performed Quality Assurance duties for two design segments with no design involvement.			
01/2008 - 02/2014	I-595 MANAGED LANES P3 PROJECT ACS/FLORIDA DOT Fort Lauderdale, FL Subconsultant Project Principal and Design Manager. Robert was responsible for a \$100 million portion of this \$1.2 billion managed lanes final design project. This P3 project was a partnership between ACS/Dragados and FDOT to design and construct three reversible managed toll lanes to and from the Fort Lauderdale/Hollywood Airport to relieve congestion.			
02/2002 - 05/2004	115TH AVENUE FROM BUCKEYE ROAD TO MCDOWELL ROAD (CMAR) City of Avondale Avondale, AZ Project Principal. Robert led the design of 1.5 miles of urban roadway from Buckeye Road to I-10, which included complete reconstruction of 115th Avenue from Buckeye Road to I-10. This CMAR project converted the existing two-lane roadway into a six-lane roadway, with a raised median and with curb and gutter on the outside lanes. His responsibilities included oversight of the preparation of roadway plans and profiles, on-site drainage runoff, design of retention basins for storing on-site runoff, design of a major box culvert crossing, six-miles of trunkline sewer, future water line stub-outs, streetlights, quantities, cost estimates, and special provisions.			
01/2019 - 10/2021	I-17 FLEX LANES DB PROJECT ARIZONA DOT Black Canyon City, AZ Design Manager. Design Manager for short-listed team pursuing the \$350M I-17 Flex Lane Design-Build-Maintain project. This 23-mile project will add one general purpose lane to both the northbound and southbound alignments of I-17 from Anthem Way (MP 229) to Black Canyon City (MP 244). In addition, the project will add two Flex Lanes from Black Canyon City (MP 244) to Sunset Point Rest Area (MP 252). The Flex Lanes will run adjacent to the existing southbound lanes and will require crossover ramps at both the southern and northern terminals. To accommodate the widening, ten bridges will need to be widened and two will need to be replaced. Robert led the weekly design team task forces efforts associated with each discipline, the development of the Alternative Technical Concepts (ATC's), the development of the design plans, and the development of the design schedule.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Pamela Bailey-Campbell	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	7	
TITLE	Principal, Smart[ER] Mobility	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	29	
DEGREE(S) / YEARS / SPECIALIZATION		MBA 1990 // BS 1977 Biology		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A		
YEAR REGISTERED	N/A	DISCIPLINE	N/A	
Contract role(s) / brief description of responsibilities	Pamela is a member of Stantec's smart mobility team and a nationally recognized leader with more than three decades of hands-on success in resolving the full range of challenging issues that arise in moving multifaceted transportation projects from concept to reality, particularly those with technology and new innovations. Her work has encompassed the full spectrum of program management and strategic advisory services for transit agencies, municipalities, and various transportation agencies. She has managed projects and led numerous complex procurements including federal funding. Pamela will serve as TOLLING & P3 AND SMART[ER] MOBILITY EXPERT for this contract.			
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).			
08/2022 - Ongoing	P3 ULTIMATE URBAN CIRCULATOR PROGRAM-BAY STREET (BSIC) JACKSONVILLE TRANSPORTATION AUTHORITY Jacksonville, FL Project Manager. The BSIC project is developing and deploying an automated vehicle (AV) system to provide transit service to downtown Jacksonville along Bay Street. This is a fully integrated ITS and AV system. Stantec's work includes finalizing the Concept of Operations, Systems Engineering Management Plan, Project ITS Architecture Review, all of the Requirements for the project as well as a detailed safety assessment of the operational domain for the AV.			
08/2021 - Ongoing	GENERAL TOLLING CONSULTING OREGON DOT Senior Advisor. Serving on the team that has been advising ODOT on their development of a tolling program on various facilities throughout the Portland area including toll system procurement, policies, and administrative rules.			
09/2004 - 02/2006	OREGON INNOVATIVE PARTNERSHIP PROGRAM P3 PROGRAM MANAGEMENT SERVICES OREGON DOT Program Manager. Previously led the team supporting ODOT as they developed their approach and framework and then implemented their public-private partnerships program including solicited and unsolicited proposals from the private and public sector. The program management services included the development of P3 policies and guidelines, how the organization would deal with risk, development and implementation of procurement processes, proposal evaluation, contract negotiations and oversight of early development activities by the private sector partner.			
02/2021 - Ongoing	LAS VEGAS MEDICAL DISTRICT AUTOMATED CIRCULATOR AND CONNECTED PEDESTRIAN PROGRAM NEVADA REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA Deputy Project Manager. Deputy Project Manager for the GoMed Program – an advanced mobility program including planning and implementation for the seamless integration of four electric and autonomous shuttles, connected technologies including pedestrian detection, traffic and data management, and analytics platform. The work includes analysis regarding the charging requirements including what would be needed at the overnight storage vs. in route charging. Our work is also supporting RTC to comply with all of the requirements of their BUILD grant which is funding the GoMed project.			
12/2012 - 02/2014	BOULDER CITY BYPASS ALTERNATIVE DELIVERY ADVISORY SERVICES NEVADA REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA DB Advisor. Served on the Program Management team to assess delivery decisions for the Boulder City Bypass project. Once a design-build method was selected, served as lead for the development of the RFP documents including Instructions to Proposers plus provided support for working group sessions for all procurement documents including design-build contract, one-one-one meetings, written responses to questions, and alternative technical concepts.			
02/2010 - 01/2014	US36 BRT/EXPRESS LANES COLORADO DOT/HIGH PERFORMANCE TRANSPORTATION ENTERPRISE Tolling/Procurement Advisor. Provided comprehensive advisory services including serving as lead technical advisor for procurement aspects and tolling. Work ranged from Initial preparation of the Concept of Operations and tolling aspects of the initial Phase 1 design-build approach, leading the TIFIA application preparation and supporting negotiations, as well as traffic and revenue review. Phase II procurement covered analysis on delivery method and approach, coordination of transfer of existing I-25 lanes, development of all technical procurement documents (performance criteria, hand back criteria, noncompliance regime, operations and maintenance criteria, electronic toll collection system requirements, toll provisions, interoperability aspects with the local toll road authority) as well as support of the RFP and concession agreement preparation, one-one-one meetings, written responses to questions, review of proposals and selection process. Other services provided to HPTE included advising on all toll issues on US36 and I-25 HOT lanes including operations agreements with E-470 for toll collection and maintenance and toll system integration. The US36 Express Lanes won the ARTBA P3 Project of the Year and the ENR Award of Merit, NCPPP 2017 Service Project Award and AASHTO's grand prize in the Use of Technology and Innovation category.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Sean Tihal, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	13	
TITLE	Principal, Tolling Support	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	13	
DEGREE(S) / YEARS / SPECIALIZATION		MS 1999 Civil Engineering // BS 1998 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE #084025 New York 07/31/2029		
YEAR REGISTERED	2006	DISCIPLINE	Civil Engineer	
Contract role(s) / brief description of responsibilities	Sean has a passion for helping transportation agencies plan, procure, implement, and operate all forms of electronic tolling technologies. With over 26 years of toll consulting experience, he is also well versed in performing toll strategic planning studies, toll feasibility studies, toll capital and operating cost estimates (CAPEX and OPEX), toll operations analyses, toll policy studies, as well as toll pricing and toll payment analyses. Sean has delivered tolling projects for over 30 transportation agencies across the United States, Canada and Europe. Since 2004 he has represented multiple toll agencies on the E-ZPass Group's Reciprocity Task Force Committee. Sean is also an active member of the International Bridge Tunnel and Turnpike Association. Sean will provide TOLLING STUDIES & DESIGN services for this contract.			
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).			
02/2023 - Ongoing	ILLINOIS TOLLWAY TOLLING INNOVATION AND BUSINESS STRATEGY SERVICES Downers Grove, IL Project Manager. Sean is currently supporting the Illinois Tollway to provide Tolling Innovation and Business Strategy Services (TIBSS) for the Tollway's Department of Business Systems. Specific work activities currently underway include overall Program Management and Coordination, Tolling Innovation, Data Analytics, Business Rules Review, Legislative and Administrative Rules Review, Back Office Procurement Support, ANPR Innovation, and ANPR RFP Preparation			
10/2021 - Ongoing	KANE COUNTY DOT LONGMEADOW PARKWAY TOLL BRIDGE OPERATIONS SUPPORT SERVICES Kane County, IL Project Manager. Sean is currently leading a team that is providing full program management oversight support of separate roadside and back office electronic toll system implementations for KDOT, as well as E-ZPass Interoperability support and overall tolling support. Sean also led the preparation of an RFP for Debt Collections Services, Administrative Hearing Services, and Payment Plan Administration Services, and provided full procurement and contracting support that resulted in a successful vendor selection			
03/2021 - Ongoing	OHIO TURNPIKE CUSTOMER SERVICE CENTER MODERNIZATION OVERSIGHT (PHASE 2) Berea, OH Project Manager/Project Principal. Sean is currently providing technical consulting services to the Ohio Turnpike and Infrastructure Commission (OTIC) for the Phase 2 Implementation of a new Customer Service Center (CSC) by TransCore to support unpaid toll processing (UTP) functionality related to the modernization of the Toll Collection System (TCS) to provide non-stop travel in E-ZPass Only lanes. Specific work activities being conducted include overall project management and coordination, CSC Phase 1 Implementation and Acceptance, CSC Phase 2 Implementation and Acceptance, Image Review Services Implementation Support, Print House Services Procurement and Implementation Support, and Collection Services Procurement and Implementation Support.			
07/2021 - Ongoing	RHODE ISLAND TURNPIKE AND BRIDGE AUTHORITY NEW ALL-ELECTRONIC TOLLING SYSTEM PROCUREMENT AND IMPLEMENTATION OVERSIGHT Jamestown, RI Project Manager. Sean is currently providing technical toll consulting services to the Rhode Island Turnpike and Bridge Authority (RITBA) to support the procurement and implementation of a new All-Electronic Tolling (AET) Toll Collection System (TCS) at the Newport Pell Bridge. Specific work activities performed thus far includes overall project management and coordination, TCS Business Rules and RFP Outline Development and Draft RFP Preparation, Requirements, Specifications and RFP Finalization and Procurement and Vendor Selection Support. Work activities currently underway or planned include Toll System Design Support, Toll System Development and Testing Support, Toll System Transition and Go-Live Support, and Acceptance Testing and Punch List Close Out Support.			
06/2020 - Ongoing	OHIO TURNPIKE TOLL COLLECTION SYSTEM MODERNIZATION PROGRAM MANAGEMENT/OVERSIGHT Berea, OH Project Manager. Sean is currently providing full program management oversight of the design, development, installation, integration, testing and commissioning efforts of a new modernized Toll Collection System (TCS) for the Ohio Turnpike and Infrastructure Commission (OTIC) which is scheduled to go live later in 2023. Specific work activities being performed include overall project management and coordination, participation in a Kickoff Meeting and Requirements Review Workshop, Review of Project Plans, Preliminary Design Reviews, Detailed Design Reviews, Test Planning Reviews, Design Coordination, Construction and Installation Oversight, Ticket Transition Oversight, full testing and commissioning oversight, and special initiatives support.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Stephen Mensah, PhD, PE, PTOE, RSP1	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	14	
TITLE	Associate, Traffic and ITS Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	5	
DEGREE(S) / YEARS / SPECIALIZATION		PhD 2007 Civil Infrastructure Systems in Transportation; MS // 2002 Civil Engineering // BS 1998 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE #38591 LA 09/30/2026 PTOE #3960 LA 11/18/2027 // Road Safety Professional (RSP) #153		
YEAR REGISTERED	2013	DISCIPLINE	Civil Engineer	
Contract role(s) / brief description of responsibilities	Stephen serves as a traffic engineer with expertise in traffic analysis, traffic safety, design and operations. Work experience includes highway safety analysis, traffic impact studies, systems engineering analysis, development of regional ITS architectures and traffic signal design. As the Lead Systems Analyst, he analyzes and evaluates systems and makes recommendations to clients for cost effective systems to meet their needs. He has previously served as a member of the TRB Committee for Application of Emerging Technologies to Design and Construction evaluating emerging technologies for transportation design and construction. Stephen reviews and critiques research papers, assesses the methodology and validity of research work and provides recommendations for publication. Stephen will provide ITS SUPPORT & DESIGN services for this contract.			
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).			
08/2021 - Ongoing	ATCMTD GRANT PROJECT FOR ICM DSS TDOT Nashville, TN System Engineering Analyst. TDOT was awarded an ATCMTD Grant from USDOT with a goal of deploying an integrated corridor management (ICM) decision support software (DSS). Currently, ICM DSS is primarily accomplished utilizing a traffic simulation model specific to the corridor. This project aims to replace the traffic simulation model with artificial intelligence, creating a proof of concept that can be duplicated in other corridors around the United States. Stephen contributed to development of the Data Management Plan, Project Evaluation Plan to help USDOT and TDOT analyze evaluate the benefits of the AI-DSS in ICM applications. Stephen is currently using existing operations data to baseline various performance metrics that will then be used to evaluate the performance of various operation strategies that include variable speed limit signs, lane control signals and surface street signal operations and timing.			
06/2023 - Ongoing	I-10 BONNET CARRE ITS UPGRADES LADOTD Contract No. H.015137 Lafayette, LA Systems Engineer. Stephen was responsible for performing a project level SEA for the ITS deployment in LaPlace to Kenner, Louisiana involving stakeholders from DOTD HQ, District 02 & 62, MPO, and State Police. An SEA report, SET-IT files, and 30% plans will be delivered at the project completion.			
12/2021 - 03/2023	ATMS AND 511 SEA LADOTD CONTRACT H.014515 Statewide, LA Systems Engineer. Stephen was responsible for the systems engineering analysis to determine the requirements for a new ATMS to manage DOTD's ITS devices and provide incident management as well as the requirements for a new 511 system to provide traveler information. The SEA process included significant stakeholder engagement, TMC operator interviews about the existing systems, vendor demos, and concept of operations workshops. Stephen drew on over 10 years of experience with developing architectures and SEA documents for DOTD to frame the end-user needs. The results of the SEA are being utilized to develop detailed requirements and an RFP procurement document for a hybrid cloud/on-prem system.			
02/2019 - 09/2019	I-10: US 61 TO LAPLACE ITS LADOTD CONTRACT H.013710 Statewide, LA Systems Engineer. Stephen was responsible for performing a project level SEA for the ITS deployment in LaPlace, Louisiana involving stakeholders from DOTD HQ, Districts 61 & 62, MPO, and State Police. An SEA report, SET-IT files, and 30% plans were delivered at the project completion.			
10/2012 - 02/2016	US 90Z NEW ORLEANS HOSPITALITY ZONE LADOTD New Orleans, LA TSMO Engineer. Stephen performed safety analysis to determine the abnormal crash zones and overrepresented crashes in the crash data for the project scope to improve mobility and safety in downtown NOLA by deploying ITS to manage traffic. Analysis yielded inferences on the causative issues for crashes in the corridor and the countermeasures required to mitigate them. Analysis outcomes informed the TMP required to manage traffic during construction and successfully deploy ITS devices to enhance mobility and safety. An effective TMP is required to ensure road user and construction worker safety and reduce client exposure to litigation from crashes.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Nishant Wadje, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	6	
TITLE	Electrical Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	5	
DEGREE(S) / YEARS / SPECIALIZATION		MS 2016 Electrical Engineering // BS 2012 Electrical Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 45837 LA 03/31/2028		
YEAR REGISTERED	2021	DISCIPLINE	Electrical and Computer Engineering	
Contract role(s) / brief description of responsibilities	Nishant has 11 years of experience in electrical engineering, specifically electrical and communication design and power engineering. He is responsible for the engineering calculations, Systems Engineering Analysis (SEA) report, design and development of plans for Intelligent Transportation Systems (ITS), roadway lighting and electrical power engineering projects. He is experienced in engineering calculations of low and medium voltage electrical engineering projects. He is also well versed in design, modeling and analysis of power systems using ETAP and SKM Power tools. His other areas of expertise include research on electrical design codes and design options, data collection and report preparation. He is well versed in industry codes and standard, including the 2020 NEC (NFPA 70) and NFPA 70E. Nishant will provide ITS SUPPORT & DESIGN services for this contract.			
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).			
06/2023 - Ongoing	I-10 BONNET CARRE ITS UPGRADES LADOTD H.015137.1 LA ELECTRICAL ENGINEER LADOTD Baton Rouge, LA Electrical Engineer. Responsible to develop a Systems Engineering Analysis (SEA) report to improve mobility and safety in the I-10 and I-310 corridors by improving the services delivered using ITS. The project limits are I-10 between the I-10 Laplace Weigh Station to Williams Blvd. and I-310 between I-10 to US-61.			
06/2023 - Ongoing	MONROE PHASE 3 SEA LADOTD H.011505.1 Monroe, LA Electrical Engineer. Responsible to develop a Systems Engineering Analysis (SEA) report for the deployment of Intelligent Transportation Systems (ITS) in the US 80 corridor in Monroe, Louisiana, to improve mobility and safety.			
07/2020 - 08/2022	I-10 WBR QUEUE WARNING SYSTEM LADOTD H.013482 West Baton Rouge and Iberville Parishes, LA Electrical Engineer. Louisiana's first permanent active queue warning deployment focuses on a rural 15-mile segment of I-10 and will deploy vehicle detection, CCTV camera, flashing beacons and Dynamic Message Signs. The project features new fiber optic communication and 480-volt distributed power with generator backup to all device sites. This project majorly increases DOTD's detection, visual verification and traveler information abilities in the corridor and sets the stage for additional safety projects across the state. The project is currently in construction and Nishant is providing construction support services.			
03/2020 - 06/2024	I-10: US 61 TO LAPLACE ITS DEPLOYMENT LADOTD H.013710.3 Ascension, St. James, and St. John Parishes, LA Electrical Engineer. This 20-mile rural project segment focuses on I-10 from the US-61 interchange to the US-51/I-55 interchange which includes 4 miles of bridge structure and very little access to utility power. the design included seven new CCTV camera poles (4 sites with photovoltaic systems), retrofit of one CCTV camera pole and interface with one existing DMS site near I-10/US-61. The project also took the opportunity to complete connections DOTDowned fiber optic backbone and provides redundant links in their communications on this critical corridor for Louisiana. Stantec was responsible for preparing final plans, opinion of probable construction cost, and transportation management plan to extend the existing Baton Rouge ITS along I-10 from the I-10/US-61 interchange to the LaPlace Radio Tower. The plans included details for CCTV camera sites, pole foundation design, solar powered site design, and details for attaching fiber optic cabling to existing bridge structures. The project is currently in construction and Nishant is providing construction support services.			
07/2022 - Ongoing	SYSTEMS ENGINEERING ANALYSIS AND TRAFFIC MANAGEMENT CENTER (TMC) DESIGN SERVICES Norman, OK Electrical Engineer. Nishant is working as an Electrical Engineer on this project and assisting lead engineer on estimating the power loads and equipment sizing for the TMC system. He is also assisting lead engineer in coordination with the Norman TMC building renovation team by the city architect to evaluate the electrical infrastructure for the new iTOC systems.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Derrick Goudeau, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	9	
TITLE	Senior ITS/Electrical Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	15	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2003 Electrical Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 33288 LA 09/30/2027		
YEAR REGISTERED	2007	DISCIPLINE	Electrical and Computer Engineer	
Contract role(s) / brief description of responsibilities	Derrick has over 24 years of experience in the design and development of ITS and electrical power, lighting, control, and related systems. He has been responsible for the preparation of plans and specifications (design and development) of ITS, lighting and electric power engineering projects, from design to final construction inspection. Other design experience includes QC/QA review, calculations, data collection, and report preparation. During the construction phase, Derrick has provided CE&I services to support the owner and verify general conformance with the design including review of shop drawing and equipment submittals, respond to request for information, review/prepare as-built drawings, and perform periodic inspection and final system acceptance. He is also well-versed in industry codes and standards, including the 2020 NEC (NFPA 70) and 2018 NFPA 70E in which he has recently completed training courses. Derrick will provide ROADWAY & AESTHETIC LIGHTING DESIGN services for this contract.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc.			
04/2023 - Ongoing	I-12 TO BUSH LA 3241 (I-12 - LA 36) LIGHTING LADOTD H.004957 Lacombe, LA Quality Control Reviewer. Derrick is providing detailed reviews of lighting design and construction plans for the updated I-12/LA-434 Interchange geometry, including a new roundabout on north end of the interchange. The lighting design also includes photometric analysis of existing to remain lighting system and recommendations for other lighting and electrical improvements.			
06/2018 - 02/2020	HARVESTON WAY Burtville Development Corporation Baton Rouge, LA Engineer of Record (Lighting/Electrical). This roadway design project provides approximately 1.5 miles of new roadway as part of the East Baton Rouge Parish long-range improvement plan. The proposed urban collector extends from Bluebonnet drive to the future extension of University Club Drive (existing residential development) and includes a roundabout for access to future residential developments. Derrick designed the decorative LED lighting for both the roadway and pathways. He also provided engineering support during construction.			
03/2013 - 05/2015	I-210: COVE LANE INTERCHANGE AND IMPROVEMENTS PROJECT LADOTD H.10151 Lake Charles, LA Engineer of Record for Lighting/Electrical. Derrick was the Engineer of Record for the lighting/electrical portion of the project (incorporated via plan change) and provided CE&I services through construction. Project limits are from the East foot of the I-210 Lake Prien Bridge through the I-210/Cove Lane Interchange (approx. 1 mile of I-210). Project required frequent field inspection for changing site conditions, coordination with LADOTD Project Engineer and Contractor, and design adjustments for compatibility with Contractor's sequence of construction.			
01/2015 - Ongoing	I-49 LAFAYETTE CONNECTOR LADOTD H.004273 Lafayette, LA Lighting Task Lead. This project will extend I-49 from the I-10 interchange 5 miles south to Kaliste Saloom Road along the existing US-165 alignment through urban sections of Lafayette. As task lead, Derrick is responsible for establishing lighting criteria and standards for the project through a Context Sensitive Solutions process which solicits feedback from agency stakeholders and the public. The project includes lighting for a wide range of classifications including interstate, freeway, collector, and local streets. He is also leading the preliminary photometric analysis for interim interchange improvement projects that will facilitate future phases on construction.			
06/2018 - 03/2021	STATE HIGHWAY 288 TOLL LANES TxDOT - Houston District Houston, TX Engineer of Record (Lighting/Electrical). This P3 project will implement improved functionality over 10.3 miles along SH 288, from US 59 to the Harris/Brazoria County line at Clear Creek, by constructing new toll lanes. Derrick performed photometric analysis for the proposed and existing roadway in the ten-mile corridor and prepared plans for upgrading all of the existing high pressure sodium lighting to LED luminaires. The lighting system consisted of conventional light standards as well as high mast towers up to 175 ft. Derrick also provided technical support during construction.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Micah Fremin	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	7	
TITLE	Right-of-Way Specialist	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	17	
DEGREE(S) / YEARS / SPECIALIZATION		BS 1995 Management		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A		
YEAR REGISTERED	N/A	DISCIPLINE	N/A	
Contract role(s) / brief description of responsibilities	Micah is a right-of-way professional with over 24 years of experience acquiring property for projects implemented under the provisions of the Uniform Act. Proven ability to deliver real estate on schedule. Specialization in business relocation. Micah will serve as REAL ESTATE SPECIALIST for this contract.			
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).			
08/2019 - 08/2021	I-10 LOYOLA INTERCHANGE DESIGN-BUILD LADOTD Kenner, LA Senior Right-of-Way Specialist. Micah served as the Senior Right of Way Specialist for this multimillion-dollar project that will improve access and traffic operations to and around the new North Terminal of the Louis Armstrong New Orleans International Airport. Micah was responsible for acquiring and relocating business and residential properties for LADOTD's Loyola project. (10 parcels) He was also responsible for revising the Conceptual Stage Relocation Plan and preparing the Final Relocation Plan.			
01/2015 - Ongoing	I-49 CONNECTOR LADOTD Lafayette, LA Senior Relocation Agent. Micah is responsible for preparing the Conceptual Stage Relocation Plan.			
08/2018 - Ongoing	BATON ROUGE METROPOLITAN AIRPORT Baton Rouge, LA Senior Right-of-Way Specialist. Micah serves as the Senior Right of Way Specialist for this project with Volkert. He is responsible for acquiring and relocating business and residential properties for Baton Rouge Metropolitan Airport's relocation of Plank Road. (53 parcels).			
06/2020 - 06/2021	HOOVER ROAD WIDENING PROJECT LADOTD Tangipahoa Parish, LA Senior Right-of-Way Specialist. Micah served as the Senior Right of Way Specialist for this project with CSRS. He was responsible for acquiring and relocating business and residential properties for Tangipahoa Parish Government's Hoover Road Widening Project. (11 parcels).			
06/2013 - 06/2016	CALIFORNIA HIGH-SPEED RAIL AUTHORITY Fresno, CA Senior Relocation Agent. Micah served as Senior Relocation Agent for Universal Field Services. He relocated complex business and mixed-use residential properties for the for the California High-Speed Rail Authority. (87 parcels)			
06/2016 - 01/2017	CALIFORNIA HIGH-SPEED RAIL AUTHORITY Fresno, CA Senior Relocation Supervisor. Micah served as Relocation Supervisor for Hamner, Jewell & Associates. He coordinated relocation services, filed audits, and performed QA/QC for the California High-Speed Rail Authority in addition to local public agencies. (36 parcels)			

SUBCONSULTANT RESUMES:

G.E.C., INC.

GEOENGINEERS, INC.

SURVEYING AND MAPPING, LLC (FORMERLY SJB GROUP, LLC)

CIVIL DESIGN & CONSTRUCTION, INC.

REICH LANDSCAPE ARCHITECTURE, L.L.C.

FRANKLIN ASSOCIATES, LLC

LOUISIANA TREE SERVICE (LATSC), LLC

KREBS CORPORATION.

FIRM EMPLOYED BY		G.E.C., Inc.		
NAME	Sherri LeBas, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	10	
TITLE	Senior Vice President	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	31	
DEGREE(S) / YEARS / SPECIALIZATION		BS 1995 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 23844 LA 03/31/2027		
YEAR REGISTERED	1990	DISCIPLINE	Civil Engineering, Environmental Engineering	
Contract role(s) / brief description of responsibilities	Ms. LeBas has 41 years of experience in designing and managing numerous projects and programs including alternative delivery projects during her career in Louisiana state government and private industry. During her 24.5 years at LADOTD, she designed and managed projects for a combined 14 years in the Road Design Section which led to serving as a facilitator for the Change Management Program, Assistant to the Secretary for Policy, Deputy Secretary and then Secretary for 6 years from 2010 to 2016. From 1998 to 2003, Ms. LeBas managed non-state entity projects from design through construction funded through Capital Outlay at the Louisiana State Division of Administration, Facility Planning and Control. In May of 2016, She brought her skills and experience to GEC providing leadership oversight and Project Management for large-scale projects. She also routinely meets with public officials & other stakeholders to discuss policy & resources required for infrastructure. Additionally, She discusses opportunities for teaming with other consulting firms to present and provide a client with the best team possible to provide outstanding services & deliverables. Sherri will serve as DOTD LIAISON for this contract, along with providing Project Management Plan (PMP) and Initial Financial Plan (IFP) oversight.			
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).			
09/2020 - Ongoing	LADOTD STATE PROJECT NO. H.004100, I-10 CMAR, LA 415 TO ESSEN LANE ON I-10 AND I-12 Baton Rouge, LA Assistant Project Manager - Ms. LeBas serves as Assistant Project Manager for this alternative delivery CMAR project overseeing the public outreach and context sensitive solutions and community connections for this widening project through the heart of the urban area of Baton Rouge. As a liaison for the project, Ms. LeBas meets with residential and business owners whose property is affected by the project, the public, public officials, and stakeholders, providing them with information regarding the project. Ms. LeBas oversees, assists with, and provides information for the development of graphics and project narratives for public meetings, the I10BR.Com project website, and information for LADOTD's use to inform the media of project updates which includes design and construction activities. In addition, Ms. LeBas develops and presents information regarding the status of the project at conferences and to stakeholders. Ms. LeBas also leads the development of updates to the Design Quality Manual. Ms. LeBas developed and provides annual updates to the PMP, Financial Plan (including Initial Financial Plan (IFP), and Financial Plan Annual Update (FPAU)) in coordination with the CSRA Document. She provides management oversight of the design elements designed by GEC engineers, which include lighting (roadway and enhancement), retaining wall, road, bridge, and noisewalls. She provides oversight of the document control and manages the project's Decision Log. Ms. LeBas is managing the NEPA re-evaluation process for project modifications.			
08/2020 - 04/2025	LADOTD STATE PROJECT NO. H.013897, I-10 & I-12 COLLEGE DR FLYOVER RAMP DESIGN-BUILD Baton Rouge, LA Quality Design Manager - Ms. LeBas provided the management of the quality design reviews for the Boh Bros/GEC Design Build team. For this Design-Build project, GEC oversaw the processes included in the Design Quality Manual for the design reviews for roadways, bridges, lighting, intelligent transportation systems, drainage and noisewalls.			
01/2024 - Ongoing	LADOTD STATE PROJECT NO. H.003931.6, CALCASIEU RIVER BRIDGE (HBI) (CE&I), ROUTE I-10 Calcasieu Parish, LA Principal-in-Charge - As the Principal of the P3 Owner Verification Team for this \$2B LADOTD replacement bridge and approaches project, Ms. LeBas assisted with the activities aimed at LADOTD reaching an agreement with the Developer on acceptable modifications to the project scope. She provides oversight to the Owner Verification Team by participating in meetings and maintaining ongoing collaboration with the LADOTD Project Manager, LADOTD staff, the Developer, and the members of the Owner Verification Team to assist with the progression of the project which includes the replacement of the I-10 approaches, interchanges, and the bridge that crosses the Calcasieu River in Lake Charles, LA. The GEC Owner Verification Team provides contract management, review of the design elements and owner verification of the CE&I.			
2016 - Ongoing	ROAD TRANSFER PROGRAM MANAGEMENT Statewide, LA Principal-in-Charge - Ms. LeBas serves as a resource to GEC's Program Manager of the Statewide LADOTD Road Transfer Program. Ms. LeBas provides feedback, is the direct link for communication and service between GEC's Project Manager who is stationed at LADOTD Headquarters and GEC's staff.			

07/1995 – 01/1998	LADOTD STATE PROJECT NO. H.004562, AMBASSADOR DRIVE EXTENSION (LA 339-US 90) Lafayette Parish, LA Project Manager LADOTD Road Design Section - Ms. LeBas served as the roadway project manager for the line and grade study of various alignments during the Environmental Assessment of this project. The alignments included an alignment along La Nouvelle Road as well as south of the golf course on new alignment and were developed in-house. Ms. LeBas's design squad developed the displays for the Public Meetings and Ms. LeBas led the Public Meetings, answering questions from the media for this project during this line and grade and environmental phase of the project.
09/1991 - 01/1998	LADOTD STATE PROJECT NOS. 013-12-0032 & 013-12-0039, US 190 (LA 22 – BAYOU CASTINE) AND US 190 (BAYOU CASTINE – SOUTHEAST LA STATE HOSPITAL) St. Tammany Parish, LA Project Manager LADOTD Road Design Section - Ms. LeBas served as Project Manager during the environmental assessment and line and grade and the preliminary plan phases of this project. The environmental assessment phase with line and grade involved reviewing several different alternatives, which were prepared in-house by the design squad under the leadership of Ms. LeBas. Ms. LeBas presented the alternatives at the first public meeting in September 1992 at the City of Mandeville City Hall. Ms. LeBas met with public officials, civic associations, and business owners discussing the project features and impacts. Once the preferred alternative was chosen and a FONSI obtained, She managed the consultant design of preliminary plan development, coordinating the plan development with other LADOTD design sections.
03/2010 - 01/2016	LADOTD Baton Rouge, LA Secretary - Ms. LeBas set the vision and led LADOTD in the delivery of the \$1.8 Billion (2016 dollars) annual transportation infrastructure capital and operating program. She developed and discussed transportation policy, issues, feedback, future planning with stakeholders, media, citizens and local, state and national public and elected officials. She testified and provided information such as project details, policy issues, funding, etc. at legislative hearings. Ms. LeBas provided the leadership and direction of all outward communication of the LADOTD to the media, stakeholders, and the public. She pursued and obtained funding working with state and federal officials for progressing large infrastructure projects. She has the skills and credentials to provide design guidance, and worked with staff to develop solutions to some of the most complicated design policy issues. Some notable projects that required her leadership included the funding, planning, design and construction of I-49 from I-220 to the Arkansas State line which included the 2019 ACEC Award Winning I-220/I-49 Interchange included aesthetic features such as the locally designed column motifs and decorative lighting; LA 1 from Leesville to Fourchon TIFIA refinancing, Design Build projects on I-12 in Livingston Parish as well as two Design Build Interchange projects on US 90 (Future I-49) and the EIS of LA 3241 in St. Tammany Parish. Ms. LeBas worked with staff to develop press releases for public notices, project activities, and notifications during emergencies. In addition, she often provided information to the media on live TV or recorded interviews.
05/2005 – 03/2010	LADOTD Baton Rouge, LA Change Management Facilitator (1 year); Assistant to the Secretary of Policy (2 years); Deputy Secretary (2 years) - Ms. LeBas was a facilitator on the Change Management Team with today is referred to as Quality Continuous Improvement (QCIP). She facilitated teams consisting of LADOTD staff, consultants and other stakeholders for utility relocations, project management and consultant services. As Assistant Secretary for Policy, she worked with staff and the Secretary to develop the \$1.2 B list of roadway projects that were funded with State surplus dollars in 2007, 2008, and 2009. She developed PowerPoints for the Secretary's communication to the legislature. She served as the program manager for this \$1.2 Billion surplus program, scheduling projects, managing the budget and working through issues in order to get the program delivered on time and within budget. As Deputy Secretary, Ms. LeBas served as the program manager for the \$430 million American Recovery and Reinvestment Act (ARRA) working with LADOTD staff to deliver the projects within the federally set deadlines. These projects also included alternative delivery projects.
09/2003 – 05/2005	THE TRANSPORTATION MODEL FOR ECONOMIC DEVELOPMENT (TIMED) PROGRAM Statewide, LA Assistant to the TIMED Program Manager, LADOTD Road Design Section - Ms. LeBas served as Assistant TIMED Program Manager for the \$5.2 Billion Program (2010 dollars). She was responsible for the financials working with LADOTD administration, and consultant. She reviewed the program changes, change orders, total program costs from design through construction, management and assistance of the consultant's plan delivery and construction schedule which included the first roadway and bridge design build project for LADOTD, the Audubon Bridge. She provided project status information to the LADOTD Communications Director for LADOTD's communication to the legislature, public and stakeholders.

FIRM EMPLOYED BY		G.E.C., Inc.		
NAME	Christopher Nipper, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	9	
TITLE	Professional Civil Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	2	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2014 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 43281 LA 9/30/2027		
YEAR REGISTERED	2019	DISCIPLINE	Civil Engineering	
Contract role(s) / brief description of responsibilities	Mr. Nipper has 11 years of experience providing preliminary plans and cost estimates for the design and development of construction plans for roadway improvement projects in accordance with the latest LADOTD and AASHTO standards. This includes management of project team members, including GEC design professionals and coordinating with sub-consultants. Mr. Nipper has developed project schedules, starting from NTP and continuously updating with completed milestones. He has served in a project manager role for several recent LADOTD projects, including the US 167 Interchange at Willow St, part of the I-49 Connector project. In addition, Mr. Nipper has directed engineering staff for the completion of preliminary plans for roadway projects in accordance with Louisiana Standard Specifications for Highways and Bridges, DOTD's Roadway Design Procedures and Details Manual, the AASHTO Highway Safety Manual, ASTM Standards, and DOTD's Pavement PRR Minimum Design Guidelines. In addition, 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 Transportation Management Plans for roadway construction projects. Mr. Nipper has also completed Modules 1-3 of the Traffic Engineering Process and Report Course offered by LTRC. He will serve as SURVEY, ENGINEERING & DESIGN SERVICES CO-LEAD and provide HYDRAULIC DESIGN SERVICES.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
06/2017 - 05/2019	LADOTD State project no. 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 the bridge bents and girders.			
02/2020 - 04/2025	LADOTD STATE PROJECT NO. H.013897, I-10 & I-12 COLLEGE DR. FLYOVER RAMP DESIGN-BUILD PROJECT East Baton Rouge Parish, LA Lead Roadway Design Engineer - 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 completed all geometric roadway design for the interstate widening project and developed all the roadway construction plan. He 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 the roadway and hydraulic portions of the project.			
09/2020 - Ongoing	LADOTD STATE PROJECT NO. H.004100, I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12 Baton Rouge, LA Road Design Engineer - This project involves the widening of I-10 westbound and eastbound from the Mississippi River Bridge to the I-10/I-12 split. Mr. Nipper provided the geometry, both vertical and horizontal, for the retaining walls needed along the urban freeway transportation project corridor and was responsible for developing the plan and profile sheets for the retaining walls. He was also responsible for the redesign of the Perkins Road overpass area which includes the realignment of an existing local roadway, implementing new parking areas and pedestrian facilities, the design of new subsurface drainage systems, and the quantities associated with the Perkins Road overpass redesign.			
2018	LADOTD STATE PROJECT NO. H.004932, US (90) FUTURE I-49 SOUTH, LA 318 INTERCHANGE, ROUTE US 90 St. Mary Parish, LA QA/QC - GEC was the Owner Verification Firm (OVF) for this Design-Build Project, which includes the CE&I, right-of-way acquisition, and utility relocation. Mr. Nipper was involved in the QA/QC of the construction plans. He checked quantities and verified that elements of the design met LADOTD standards.			

02/2026 - Ongoing	LADOTD S.P. NO. 4400029196, H.016421.2 / I-20: INTERCHANGE AT ROUGH EDGE RD, ROUTE: I-20 Lincoln Parish, LA Road Design Engineer - Mr. Nipper is preparing a Line and Grade (L&G) study for the proposed project. The study includes design report documentation, corridor development and screening, alternatives development, and line and grade reporting.
08/2023 - Ongoing	LADOTD S.P. NO. 44-25040 / IIJA OFF-SYSTEM BRIDGE PROGRAM East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, Assumption Parishes, LA Project Manager & Road Design Engineer – This project involved the spot replacement of 13 bridges across seven parishes. Mr. Nipper was responsible for managing the design for all 13 bridges. Mr. Nipper also designed several of the bridges, including all vertical and horizontal geometry required. Other tasks performed on these bridges included designing required guard rail, performing the hydraulic analysis and developing hydraulic reports, and establishing limits for required right-of-way. Mr. Nipper also developed construction plans and calculated quantities required for construction.
09/2020 - Ongoing	BLUEBONNET BLVD. (PERKINS TO PICARDY) Baton Rouge, LA Road Design Engineer - GEC is designing the widening of Bluebonnet Blvd. to include an additional lane in each direction. The project includes replacement of existing bridges at Dawson Creek. Mr. Nipper assisted in preparing the drainage map depicting existing conditions for the 9,730-acre drainage area. Mr. Nipper also developed the soil map for the drainage area and computed the curve number and associated flow through Dawson Creek. (City-Parish Project No. 19-CP-HC-0034)
04/2019- 05/2020	LADOTD S.P. NO. H.013542 / CHEVELLE DRIVE AND SARASOTA DRIVE BRIDGE REPLACEMENTS East Baton Rouge Parish, LA Lead Roadway Design Engineer - Mr. Nipper provided all investigations, preliminary plans and final plans for roadway design in accordance with LADOTD and AASHTO standards, and preparation of final construction contract plans for the replacement of the Chevelle Drive and Sarasota Drive Bridges, which included design of the approach roadways, in East Baton Rouge Parish. Mr. Nipper provided horizontal and vertical alignment for roadway design and a hydraulic analysis. (City Parish Project No. 18-BR-US-0016).
06/2022 - 06/2024	SHARP ROAD St. Tammany Parish, LA Road Design Engineer - This project involved the design of subsurface drainage systems, and the replacement of existing cross drains. The existing cross drains were analyzed and upgraded accordingly to handle the 50-year design storm in that region. The project also involved the reconstruction of the roadway and roadside ditches, while staying within the existing right-of-way, and the construction of a pedestrian walkway. Mr. Nipper was responsible for the entire design for the project, including delineating drainage areas for multiple cross drains, and many subsurface systems, and determining the sizes and placement for these new drainage structures. Mr. Nipper developed the construction plans for the project, and also calculated the quantities required for construction.
2016-2024	POWER BLVD. MEDIAN IMPROVEMENTS (WEST ESPLANADE AVENUE TO VINTAGE DRIVE) Kenner, LA Road Design Engineer - This project is a shared-use path beginning at W. Esplanade Avenue and ending at Vintage Drive. A 12'-wide concrete shared use path will replace an existing 6'-width path. The wider section allows for a greater level of service that comfortably accommodates bi-directional pedestrian and bicycle use. In addition to the completed concrete path, the project will feature improved pedestrian lighting, a new steel bridge for pedestrians and bicyclists, seating, landscaping, irrigation, donated art, striping, signage, and more. This project connects to the recently completed Erlanger shared use path. Mr. Nipper's responsibilities included completion of construction plans for the shared use path including QA/QC of horizontal and vertical geometry, typical sections, construction phasing, signing and striping and estimated quantities.
2017	LA 3152, CLEARVIEW OPERATIONAL IMPROVEMENTS Jefferson Parish, LA Designer - This project involved the milling and overlaying of LA 3152. Along with the milling and overlaying, turn lanes were being added, extended, etc., so new pavement sections were designed. Mr. Nipper was involved in checking and correcting the plans. He checked and calculated quantities and the estimated costs associated with this project.
2017	LA 308 CURVE REALIGN AND SHOULDERS Assumption Parish, LA Designer - This project involved milling and overlaying a large majority of LA 308, along with realigning a curve that had experienced abnormally high crash rates. Mr. Nipper designed both the horizontal and vertical alignment, which involved designing superelevation for the newly realigned curve. Mr. Nipper calculated drainage structure sizes and lengths and, also designed the new ditch grades. He computed quantities for the milling/overlaying section and full construction section. (Work done prior to GEC)

FIRM EMPLOYED BY		G.E.C., Inc.		
NAME	Cary Bourgeois, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	41	
TITLE	Senior Vice President	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	0	
DEGREE(S) / YEARS / SPECIALIZATION		BS 1983 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 23414 LA 9/30/2027		
YEAR REGISTERED	1989	DISCIPLINE	Civil Engineering	
Contract role(s) / brief description of responsibilities	Mr. Bourgeois is GEC's Senior Vice President, Engineering Division, and he is currently involved in supervising activities and performing design services on several large-scale projects. Mr. Bourgeois is experienced in the areas of Bridge, Roadway, Toll Collection Systems and Intelligent Transportation Systems (ITS) design. He has extensive experience in safety inspection of bridges. He has detailed experience in the design of prestressed concrete girders, curved steel plate girders, continuous slabs, inverted "T" cap column bents, pile bents, footings, retaining walls, as well as geometry associated with bridge structures and roadways. He is familiar with AASHTO LRFD Bridge Design Specifications, AASHTO Policy on Geometric Design of Highways and Streets, Manual on Uniform Traffic Control Devices, the Highway Capacity Manual and the LRFD Specifications for Structural Supports for Highway Signs, Luminaries and Traffic Signals. Mr. Bourgeois will perform VALUE ENGINEERING & COST RISK SCHEDULE ASSESSMENT services for this contract.			
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).			
08/2020 - 04/2025	LADOTD STATE PROJECT NO. 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 provided exit ramps that are separated from the merge of I-10 and I-12. To accomplish this, I-12 westbound was re-routed under a rebuilt I-10 westbound bridge. He oversaw the completion of Storm Water Pollution Prevention Plans (SWPPP) and permitting for all highway construction segments in accordance with DOTD standards. He also oversaw preparation of bridge plans including a 380' long two span continuous steel girder, roadway and maintenance of traffic plans, signing plans, retaining walls, noise barriers, lighting plans, and bridge structural rehabilitation plans.			
09/2020 - Ongoing	LADOTD STATE PROJECT NO. H.004100 I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12 Baton Rouge, LA Design Manager - Mr. Bourgeois is supervising the design of the new 550' long WB Washington St Off Ramp bridge. He managed the design of multiple types of retaining walls (MSE, Cantilever supported on drilled shafts, tangent drilled shaft walls and concrete faced steel sheet piles) and Load Transfer Platforms to mitigate settlement in high fill areas. He also managed the design of a two-span truss spanning a future widened I-10 near Dalrymple drive to support multiple Dynamic Message Signs as part of the ITS portion of this project. Additionally, Mr. Bourgeois oversaw production of an enhancement lighting study for Segment 1 of the urban freeway transportation project to incorporate aesthetic lighting at the City Park Lake Bridge and emphasize the Greenway path from the Expressway Park to the bridge.			
12/1993 - 08/2012	LADOTD STATE PROJECT NO. 700-28-0004 / US 71/165 FORT BUHLOW BRIDGE AND APPROACHES Alexandria, LA Principal-in-Charge - This 2.28-mile-long multi-phase project provides for the construction of a new six-lane bridge over the Red River, access ramps for I-49 and local traffic, KCS railroad overpass and approach roadways. The project began with an Engineering Report consisting of a line and grade corridor study, traffic study and bridge feasibility study. An Environmental Assessment was developed concurrent with the engineering study. The project features a 1,000' three-span continuous steel plate girder unit over the Red River, supported on piers found in the river.			
06/2017 - Ongoing	LADOTD S.P. NO. H.003074 / I-10 WIDENING, WILLIAMS BLVD. TO VETERANS BLVD Jefferson Parish, LA Principal in Charge - Mr. Bourgeois oversaw engineering design, including roadway, electrical, bridge, and 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 widening or replacing 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. This project involved the widening of I-10 and replacement of bridges. Project included superstructure and substructure load rating for existing bridges and ramps for this highly congested urban interstate. The total project length is 2.58 miles and consists of the construction of one 12' additional lane with shoulder along the I-10 eastbound and westbound roadways.			

FIRM EMPLOYED BY		G.E.C., Inc.		
NAME	Jonathan Puls, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	18	
TITLE	Senior Professional Civil Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	2	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2006 Environmental Engineering; BS 1999 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 34739 LA 09/30/2027		
YEAR REGISTERED	2009	DISCIPLINE	Civil Engineering	
Contract role(s) / brief description of responsibilities	Mr. Puls has more than 20 years of experience with civil, environmental, and coastal engineering projects, having worked on a wide variety of projects ranging from ecosystem restoration, drought studies, permitting and compliance, non-point source runoff improvements, and construction management, including feasibility studies, environmental assessments, and environmental impact statements. He also has a background in natural stream design, cost estimating, risk analysis, incremental cost analysis, and network administration. He has worked with Corps Districts throughout the country including the New Orleans, San Francisco, and Jacksonville Districts. Mr. Puls will provide PMP & IFP services for this contract.			
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).			
09/2020 - Ongoing	LADOTD S.P. NO. H.004100 / I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12 West and East Baton Rouge Parishes, LA Project Engineer - Mr. Puls assists with development and annual updates of the Project Management Plan, Initial Financial Plan, and Project Implementation Plan. Includes coordinating with project managers at LADOTD and GEC to provide updated budget projections, timelines, and project management documentation.			
2019 - 2021	PHASE II BRIDGE SCOUR ANALYSES Multiple Parishes, LA Project Manager and H&H Modeler - Mr. Puls served as project manager and H&H modeler while conducting Phase II Bridge Scour Analyses on 45 bridges within 23 Louisiana Parishes. For each bridge, Mr. Puls evaluated survey data, developed H&H models with HEC-HMS and HEC-RAS, developed and submitted draft and final Phase II Scour reports, and coordinated with BDI and LADOTD. Each Phase II Scour report included a summary of modeling methods and provided results and scour category recommendations, based on the LADOTD Hydraulics Manual. When necessary, Mr. Puls conducted site visits and coordinated with survey teams to obtain needed project data. Mr. Puls evaluated each bridge by developing watershed characteristics, calculating steady state peak discharges, and estimating scour potential for applicable design storms.			
03/2022- Ongoing	LADOTD STATE PROJECT NO. H.004273.5 I-49 CONNECTOR (LAFAYETTE REGIONAL AIRPORT TO I-10/I-49/US 167 INTERCHANGE) Lafayette, LA Project Engineer - Mr. Puls developed and currently maintains the project schedule for the design phase of the I-49 Connector project in Lafayette. The project schedule is managed in Microsoft Project for over 500 individual tasks and 15 task categories. Mr. Puls continually evaluates and updates the schedule by tracking the progress and completion of tasks and coordinating with task leaders. Mr. Puls also evaluates the critical path to identify tasks causing schedule slippage and coordinates with the responsible parties. He presents the status of project tasks and overall schedule during weekly meetings with LADOTD management. Mr. Puls also evaluated floodplain impacts within rights-of-way required for the I-49 Connector in Lafayette. Working closely with project designers, he compared existing and proposed project features located within the 100-year floodplain to identify areas where floodplains would be impacted. Quantified findings & evaluation methods were presented for inclusion in SEIS documentation.			
2024 - Ongoing	LADOTD S.P. NO. 44-25040 / IIJA OFF-SYSTEM BRIDGE PROGRAM East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, and Assumption Parishes, LA H&H Engineer - Mr. Puls provided hydrologic and hydraulic expertise during the design phase of this bridge replacement project for LADOTD. Mr. Puls performed hydrologic and hydraulic modeling to estimate stormwater discharge under hypothetical storm events and the resulting water surface elevations for both the existing and proposed bridge structures. Specific tasks included delineation of the drainage area, evaluation of watershed characteristics, and utilizing Global Mapper, HEC-HMS, HYDR2009, and HEC-RAS software to evaluate and model hydrologic and hydraulic conditions. Model results were utilized to determine if the proposed bridge design would increase water surface elevations for the specified design storm and potentially exceed the low cord of the proposed bridge deck elevation.			

FIRM EMPLOYED BY		G.E.C., Inc.	
NAME	Bliss Bernard, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	4
TITLE	Vice President, Coastal, Environmental, and Water Resources	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	8
DEGREE(S) / YEARS / SPECIALIZATION		BS 2014 Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 42709 LA 03/31/2027	
YEAR REGISTERED	2018	DISCIPLINE	Civil Engineering
Contract role(s) / brief description of responsibilities	Mrs. Bernard has 12 years of experience in project management, environmental compliance, water resources, coastal planning, and public outreach. She has served as Project Manager on numerous multi-disciplinary environmental and engineering studies, with extensive experience leading and supporting the NEPA documentation process. She often serves as the liaison between the consultant team and several sub-consultant teams and state and federal partners, including LADOTD. She has extensive experience in developing environmental studies and analysis of impacts including: natural and physical impacts, including hydrologic and hydraulic components, floodplain modeling, subsurface and surface water, wetlands and other waters, threatened and endangered species, air and noise impacts, and coastal resources; the human environment impacts, including land use and economic activities, demographics and environmental justice, traffic and safety analyses and impacts, Sections 4(f) and 6(f) and real estate impacts; and cultural resource impacts including archaeological and architectural resources. She has also assisted in processing numerous environmental permits and documents for local, state, and federal agencies, such as LADOTD, USACE, CPRA, USCG, LDWF, FEMA, and other countless agencies. She has completed the NHI Course NEPA & the Transportation Decision-Making Process. Mrs. Bernard will provide NEPA LAWS & REGULATIONS/COMPLIANCE services and she meets the following Minimum Personnel Requirements (MPRs) as specified in the advertisement: 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).		
10/2022- Ongoing	LADOTD STATE PROJECT NO. H.004100 I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12 Baton Rouge, LA Project Engineer/NEPA Specialist - Mrs. Bernard has led efforts in environmental compliance, permitting, and stakeholder coordination to support the planned widening of I-10 from LA 415 to Perkins Road. She assisted in preparing the Incident Management Plan for Phase 1 construction, which established a coordinated, multi-disciplinary framework for detecting, responding to, and clearing traffic incidents efficiently and safely. This included identifying emergency staging areas, detour and emergency access routes, and queue-clearing locations. Mrs. Bernard also prepared and submitted the U.S. Army Corps of Engineers permit for the LSU Lakes Bridge, and she has played a key role in public and stakeholder outreach by developing presentation materials and delivering project updates to keep stakeholders informed of progress. In addition, Mrs. Bernard authored the NEPA Re-Evaluation document addressing seven proposed corridor modifications along the I-10 corridor. She also prepared a standalone Section 4(f) Analysis, which evaluates potential impacts to publicly owned parks, recreation areas, wildlife and waterfowl refuges, and historic sites, ensuring compliance with federal requirements. In addition, she authored a standalone Community Impacts Analysis, formerly referred to as Environmental Justice, to evaluate how the project modifications may affect local neighborhoods, businesses, and community resources. All documents were submitted to FHWA and were approved.		
01/2025 - Ongoing	H.011358 US 190 (VINE STREET) RECONSTRUCTION ENVIRONMENTAL ASSESSMENT St. Landry Parish, LA Project Manager - GEC is the prime consultant in developing a Line and Grade Study and Environmental Assessment on behalf of LADOTD and FHWA for the reconstruction of US 190 (Vine Street) in Opelousas, LA. Mrs. Bernard is serving as the Prime Consultant Project Manager and is directly responsible for the overall development of the Environmental Assessment, Line and Grade Study, and associated technical studies in accordance with NEPA and managing the overall project and the six subconsultants.		
09/2023 - 09/2025	H.014987 HOSSTON BRIDGE OVER KELLY BAYOU, H.014989. NEFF LANE BRIDGE OVER WIND CREEK, H.014990.5. SOUTH TIGER BEND ROAD AND EAST ACHORD ROAD, H.014994.5. BONNE IDEE ROAD BRIDGE OVER BAYOU BONNE IDEE OFF-SYSTEM BRIDGE REPLACEMENTS EBR, Morehouse, & Caddo Parish, LA Project Manager - Mrs. Bernard served as the project manager and provided oversight and contract management for the environmental services for the replacement of these five off-system bridges. She provided scheduling, project management, and technical assistance to provide wetlands delineation, threatened and endangered species assessment, iPAC analysis, and associated reports.		



05/2017 - 05/2020	H.001271 CANE RIVER BRIDGE CHURCH STREET ENVIRONMENTAL ASSESSMENT Natchitoches Parish, LA Project Manager - Mrs. Bernard represented the prime consultant to assist LADOTD and FHWA to formulate a concise public document, or Environmental Assessment (EA). Mrs. Bernard provided the planning, public outreach, and engineering and environmental services necessary to gauge public support and document information necessary for LADOTD and FHWA to reach an environmental decision as required by the National Environmental Policy Act (NEPA). She analyzed project impacts by coordinating and assisting in developing various technical studies, including: line and grade study, GIS mapping, wetland delineation and threatened and endangered species study, phase 1 environmental assessment, air and noise impact studies, and cultural resources surveys. She prepared numerous reports, presentations, postcard mailers, and other documents for stakeholder and community outreach and worked directly with LADOTD on public outreach via the web. 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, Mrs. Bernard developed the Final EA for the replacement of the Cane River Bridge. Mrs. Bernard 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 coordinated all activities for Section 4(f), prepared the analyses developed the report, and coordinated directly with FHWA and LADOTD officials. Mrs. Bernard 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's developed in partnership with LADOTD.
05/2017- 03/2022	US 80 WIDENING: VANCIL ROAD TO WELL ROAD ENVIRONMENTAL ASSESSMENT Ouachita Parish, LA Project Manager - Mrs. Bernard served as the project manager for the Environmental Assessment of the US 80 Widening Project in Ouachita, LA. Mrs. Bernard served as the prime consultant assisting LADOTD and FHWA to formulate a concise public document, or Environmental Assessment (EA). Mrs. Bernard provided the planning, public outreach, and engineering and environmental services necessary to gauge public support and document information necessary for DOTD and FHWA to reach an environmental decision as required by the National Environmental Policy Act (NEPA). She analyzed project impacts by coordinating and assisting in developing various technical studies, including: line and grade study, GIS mapping, phase 1 environmental assessment, and air and noise impact studies. She prepared numerous reports, presentations, postcard mailers, and other documents for stakeholder and community outreach and worked directly with LADOTD on public outreach via the web. She directed all activities for numerous stakeholder meetings, public meetings, and public hearings. Ms. Bernard hosted one of the first LADOTD virtual public meetings following the COVID-19 pandemic. Being one of the first public meetings held completely online, many of the standard procedures for the meeting had to be adapted for a social-distance-friendly platform. Through the compilation of all studies required by NEPA and public and agency involvement, Mrs. Bernard developed the Draft Environmental Assessment Report.
01/2023 - Ongoing	LOUISIANA INTERNATIONAL TERMINAL (LIT) ENVIRONMENTAL ASSESSMENT Violet, St. Bernard Parish, LA Author/QA/QC Manager - GEC is serving as the prime consultant in developing the Environmental Assessment for the new Louisiana International Terminal Port in Violet, LA on behalf of the Port of New Orleans. GEC is responsible for the overall development of the EA to secure necessary permits and permissions to construct the proposed LIT in St. Bernard Parish. Mrs. Bernard is serving as an author and QA/QC Manager and is directly responsible for the oversight of the hydraulics/hydrology, transportation, and coastal resource sections of the report. She assisted in the development of the data gap analysis, affected conditions and analyzed environmental impacts, authored the respective sections, and provided quality control on all submittals.
11/2019 - 10/2024	MID-BRETON ENVIRONMENTAL IMPACT STATEMENT (EIS) Plaquemines Parish, LA Deputy Project Manager/QC - Mrs. Bernard as the deputy project manager and contributing author through Fenstermaker for the Mid-Breton Environmental Impact Statement which was prepared to disclose and analyze the significant environmental impacts of the project as required under the National Environmental Policy Act (NEPA). Mrs. Bernard also served as a sub-consultant to GHD on this project at GEC and provided quality control reviews. The Mid-Breton Sediment Diversion project is proposed to deposit sediment and benefit marshes, which will maintain almost 16,000 acres of new land in the Breton Basin during its first 50 years of operation. The EIS analyzed the proposed projects impacts to the social, biological, and natural environments. Mrs. Bernard assisted in the data gap analysis, research, GIS development, and developed portions of the EIS Report. Mrs. Bernard performed Quality Control reviews for GEC on behalf of GHD, USACE, and CPRA.
05/2026 - Ongoing	H.012311 LADOTD, LA 429 CONNECTOR (LA 30/LA 73 TO US 61) ENVIRONMENTAL ASSESSMENT Ascension Parish, LA Project Manager - Mrs. Bernard serves as the GEC Project Manager, acting in a leadership role for GEC as a subconsultant to Arcadis. This effort is a companion project to the I-10 at LA 74 interchange study, and Ms. Bernard ensures consistency and coordination between the two corridors to support regional mobility and system connectivity. In this role, Mrs. Bernard is responsible for overseeing GEC's delivery of NEPA environmental services, as well as providing engineering support for the Line and Grade Study and related roadway design elements. She directs GEC's contributions to the development of conceptual and preliminary engineering solutions, including coordination of interchange concepts, roadway alignments, and integration of traffic operations with geometric design considerations. Ms. Bernard oversees all technical studies and engineering deliverables on behalf of GEC, ensuring that environmental documentation, engineering analyses, and design elements are fully coordinated and aligned with project objectives, regulatory requirements, and applicable LADOTD and FHWA standards. She manages internal staff and coordinates with Arcadis and other project team members to maintain schedule, budget, and technical quality, while ensuring GEC's work products meet all contractual requirements.

FIRM EMPLOYED BY		G.E.C., Inc.			
NAME	Richard "Barry" McCoy		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER		34
TITLE	Senior Environmental Scientist		YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)		1
DEGREE(S) / YEARS / SPECIALIZATION		BS 1989 Wildlife Conservation			
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A			
YEAR REGISTERED	N/A	DISCIPLINE	N/A		
Contract role(s) / brief description of responsibilities	Mr. McCoy has over 35 years of experience with wildlife hazard assessments, wetland delineations, threatened and endangered species surveys, Habitat Evaluation Procedures (HEP), preparation of numerous National Environmental Policy Act (NEPA) documents, environmental Phase I site assessments, and hazardous, toxic, and radioactive waste investigations. Mr. McCoy has participated in a Basic Wetland Delineation class conducted by the Wetland Training Institute and a Wetland Plant Identification Workshop conducted by the Wetland Biogeochemistry Institute of Louisiana State University. He has also attended the Wetland Delineation Preparatory course for the Wetland Delineator Certification Program provided through the Wetland Training Institute. Other classes attended by Mr. McCoy include a Habitat Evaluation Procedures Course, and a 40-Hour Waste Site Operations Course along with annual refresher courses. He will provide BIOLOGICAL/T&E SPP. RESOURCES services for this contract.				
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).				
02/2017 – 12/2022	THIRD-PARTY EIS FOR THE MID-BARATARIA SEDIMENT DIVERSION (MBSD) PROJECT Plaquemines Parish, LA Project Scientist – Mr. McCoy served as senior project scientist on the GEC Team leading development of a Third-Party EIS for CPRA's MBSD Project. As a senior wetland and wildlife biologist, Mr. McCoy played a key role in drafting the wetland sections of the EIS. The EIS is being prepared under the direction of USACE, New Orleans District, to aid in the decision-making regarding CPRA's permit application pursuant to Section 404 of the Clean Water Act (CWA) and Section 10 of the Rivers and Harbors Act, and permissions under 33 U.S.C. Section 408. Agency Project No.: LA Gov No. 4400010455, DNR No. 2503-16-23.				
11/2023 – 02/2024	SHARP ROAD Mandeville, LA Lead Field Wetland Scientist – GEC provided design services for the road improvements as well as provide the necessary environmental permitting, for this project that is currently under construction. Mr. McCoy was the Senior Wetland Scientist responsible for conducting the wetland delineation within the project area. During field surveys of the project area, Mr. McCoy collected the necessary data to identify and map the wetland habitats that occur within the project area. He utilized the field data to prepare the wetland delineation report that was submitted to the New Orleans District Corps of Engineers for review and verification. He was also responsible for preparing the necessary wetland permit applications.				
09/2020 – 02/2022	NATURAL HERITAGE INVENTORY, NAVAL INFORMATION OPERATIONS COMMAND Sugar Grove, WV Lead Field Biologist – Mr. McCoy was the Lead Field Biologist responsible for conducting the necessary field efforts to document federal and state rare, threatened and endangered flora and fauna species found within the installation boundaries. Mr. McCoy prepared a work plan that identified the flora and fauna species that potentially occurred on the base, and established the survey methods required to search for and document any rare, threatened, and endangered plant, mammal, bird, pollinator, or herpetofauna species occurring within the boundaries of the installation. Mr. McCoy coordinated four multi-day field efforts with the Natural Resource Manager for the base as well as other personnel on the base required for access to the base.				
03/2021 – 06/2022	NATURAL RESOURCE FLORA AND FAUNA SURVEYS Naval Station Great Lakes, IL Lead Field Biologist - Mr. McCoy was the Lead Field Biologist responsible for conducting the necessary field efforts to document federal and state rare, threatened and endangered flora and fauna species found within the designated survey areas provided within the SOW. Mr. McCoy prepared a work plan that identified the flora and fauna species that potentially occurred on the base, and established the survey methods required to search for and document any rare, threatened, and endangered plant, mammal, bird, pollinator, or herpetofauna species occurring within the designated survey areas. Mr. McCoy coordinated four multi-day field efforts with the Natural Resource Manager for the base as well as other personnel on the base required for access to the base.				
01/2002-12/2010	GNOEC, LAKE PONTCHARTRAIN CAUSEWAY ST. TAMMANY AND JEFFERSON PARISHES, LA Wetland Scientist - Mr. McCoy serves as Wetlands Specialist for improvements to the Causeway. GEC prepares and conducts regulatory Solicitations of Views, prepares responses to regulatory comments/guidance, conducts wetland delineations, prepares wetland/water body survey reports and prepares Coastal Use Permit applications.				

FIRM EMPLOYED BY		G.E.C., Inc.			
NAME	Bijan Sharafkhani, PE		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER		2
TITLE	Vice President, Environmental Industrial Division		YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)		41
DEGREE(S) / YEARS / SPECIALIZATION		BS 1982 Civil/Environmental Engineering; MS 1988 Civil/Environmental Engineering			
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 24202 LA 9/30/2027			
YEAR REGISTERED	1991	DISCIPLINE	Civil Engineering, Environmental Engineering		
Contract role(s) / brief description of responsibilities	Mr. Sharafkhani serves as Vice President of GEC's Environmental Industrial Division. He is a licensed professional engineer in Louisiana with 43 years of experience in civil and environmental engineering fields. Prior to GEC, he served with the Louisiana Department of Environmental Quality (LDEQ) for more than 33 years as an engineer in the Waste Division, engineering supervisor, engineering manager, Division Administrator, and finally Confidential Advisor to the Secretary. In these various positions, he has established himself as a recognized authority in solid & hazardous waste, superfund, remediation of contaminated sites, permitting, design, construction, assessment, and management. He has successfully overseen numerous projects that demonstrate his ability to navigate complex regulatory frameworks, develop innovative solutions, identify potential risks, implement effective safety measures, and address various environmental challenges. Mr. Sharafkhani will provide MATERIALS SAMPLING AND TESTING (GW/SOIL MONITORING) services for this contract.				
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).				
2016 - 02/2023	LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ) Baton Rouge, LA Confidential Advisor to the Secretary - Advised the Secretary on policy decisions, permitting, enforcement, regulatory and technical issues, legislative matters, and on short- and long-term planning.				
2006 - 2008	LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ) Baton Rouge, LA Business, Community Outreach and Incentive Division, Administrator - Responsible for overall Division activities including: Cleanwater State Revolving Loan Program that provides low interest loan to governmental entities for wastewater improvement projects. Once the loan is approved, the recipient is required to meet all engineering, financial, legal and construction requirements. Nonpoint Source Pollution Program, its mission is to either fully or partially restore waterbodies that are impaired by non-point source pollution. Small Business/Small Community Compliance Assistance Program that provides environmental regulatory/permitting assistance to small businesses and municipalities.				
2006 - 2008	LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ) Baton Rouge, LA Waste Division Administrator - As Administrator, he was ultimately responsible for overall activities of the Division. These activities included: Permitting decisions for all solid and hazardous facilities in the state. Water Quality Certification. Corrective measures for solid and hazardous facilities. Trial burns for incinerators, boilers, and industrial furnaces.				
2000 - 2006	LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ) Baton Rouge, LA Engineer Manager, Technology Division - Responsible for all engineering recommendations/decisions relating to design, construction and monitoring all solid waste facilities and hazardous waste landfills, and responsible for engineering recommendations associated with soil and groundwater remediation resulting from underground/above ground storage tanks and pipeline leaks.				
1995 - 2000	LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ) Baton Rouge, LA Engineer Manager, Permits Section, Solid Waste Division - Responsible for all decisions and recommendations made by this Section to the Division Administrator relating to permitting, construction, monitoring remediation of all solid waste facilities.				
1992 - 1995	LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ) Baton Rouge, LA Engineer Supervisor, Solid Waste Division - Mr. Sharafkhani oversaw the engineering reviews associated with permitting, closure and design/construction of all solid waste facilities.				

FIRM EMPLOYED BY		G.E.C., Inc.		
NAME	Michael Simms, Ph.D., PG	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	3	
TITLE	Professional Geologist	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	38	
DEGREE(S) / YEARS / SPECIALIZATION		Ph.D. 2011 Earth and Planetary Sciences (Hydrogeology and Geochemistry); MA 2002 Earth and Planetary Sciences (Hydrogeology); BA 1977 Earth and Planetary Sciences (Geology)		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		1142 LA 2027 (annual renewal)		
YEAR REGISTERED	2017	DISCIPLINE	Geology	
Contract role(s) / brief description of responsibilities	Dr. Simms is a hydrogeologist with more than 40 years of experience in subsurface geologic assessment, groundwater assessment, remediation, groundwater modeling, and groundwater resource evaluation. His primary areas of expertise include groundwater modeling, CO2 sequestration, groundwater geochemistry, remediation of groundwater, Louisiana geology, geomechanics, and hydrogeologic investigations. He is a licensed Professional Geologist in Louisiana, Texas, and Mississippi. He is chairman and member of the Louisiana Geological Survey State Geologic Mapping Advisory Committee and Chair of the Louisiana Board of Professional Geoscientists. Dr. Simms will provide MATERIALS SAMPLING AND TESTING (GW/SOIL MONITORING) services for this contract.			
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).			
07/2023 - 11/2025	REMEDIATION OF GROUNDWATER Baton Rouge, LA Hydrogeologist - Assessment of groundwater impacts and implementation of remediation including groundwater recovery, in-situ chemical oxidation, and monitored natural attenuation, and air sparging. Risk-based corrective action for soil and groundwater including application of the Louisiana RECAP requirements.			
06/2024 - 05/2026	GROUNDWATER MODELING Geismar, LA Hydrogeologist - Groundwater flow and transport modeling of gypsum stacks at PCS Nitrogen in Geismar, Louisiana to develop groundwater protection standards. MODFLOW and MT3D models were used to simulate long-term transport with probabilistic evaluation of model parameters and concentration distributions.			
2014 - 2015	HYDROGEOLOGIC CONDITION EVALUATION - LOUISIANA DEPARTMENT OF NATURAL RESOURCES, NAPOLEONVILLE SALT DOME PROJECT LA Senior Project Hydrogeologist - Dr. Simms served as Senior Project Hydrogeologist and evaluated hydrogeologic conditions related to the Napoleonville Salt Dome cavern collapse project. This work has included evaluation of constituent movement in groundwater of the Mississippi River Alluvial Aquifer (MRAA), natural gas migration and trapping in the MRAA and in the topstratum deposits, groundwater geochemistry in related to methane transport, and subsurface characterization of the Holocene stratigraphy.			
2017	SUBSIDENCE CONDITIONS EVALUATION OF POWER PLANT SITE New Orleans, LA Hydrogeologist - Dr. Simms evaluated potential subsidence conditions at a power plant site in New Orleans East. The work included geologic characterization from the surface to the Gonzales-New Orleans aquifer and 1,200-Foot Sand with well logs, correlation of subsurface units, evaluation of historical subsidence in the New Orleans area, review of published InSAR data on surface displacements, and assessment of subsidence related to past and proposed groundwater withdrawals. The potential for compaction and subsidence processes was estimated from modeled groundwater hydraulic head drawdowns and subsurface geotechnical properties.			
2007 - 2010	GEOLOGIC INVESTIGATION OF SUBSURFACE SOILS New Orleans, LA Hydrogeologist - Dr. Simms was Senior Project Hydrogeologist for the project and conducted the geologic investigation of subsurface soils and assessment of requirements for hydraulic cutoff and dewatering in principal permeable stratigraphic zones for New Orleans East Levee Reaches LPV 105-111 (from Lakefront Airport to Michoud). The project data included 103 soil boring logs, 248 cone penetrometer tests, and geophysical data. Dr. Simms planned and installed 20 piezometers in shallow sand and silt zones in the Holocene deltaic and coastal deposits for continuous monitoring of hydraulic head to assess seepage potential beneath the levee reaches. Dr. Simms conducted the geologic and stratigraphic interpretation of soil boring logs, CPTs, and geophysical data with geologic cross sections along and transverse to the levees.			

FIRM EMPLOYED BY		G.E.C., Inc.		
NAME	Emily Welch, PG	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	2	
TITLE	Professional Geologist	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	4	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2019 Geosciences, concentration in Professional Geology		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PG No. 1449 LA 05/22/2027		
YEAR REGISTERED	2025	DISCIPLINE	Geology	
Contract role(s) / brief description of responsibilities	Ms. Welch is a Professional Geologist in Louisiana with six years of experience in the environmental consulting field. She has a wide variety of experience with environmental compliance, project management, and permitting including the development of solid waste permits and modifications, risk management plans and process safety management compliance and assistance, off-site consequence analyses, risk assessment, remedial action field activities and reporting, Phase I Environmental Site Assessments, Phase II Environmental Site Assessment activities and reporting, submittals and preparation of hazardous waste permit renewals and hazardous waste post-closure permit renewals, monitoring well installations, and groundwater monitoring services for industrial, commercial, and municipal facilities throughout Louisiana. Ms. Welch also has experience in subsurface investigations for soil and groundwater, which includes classifying soils and identifying groundwater bearing units across Louisiana. Ms. Welch's experience includes working with various drilling platforms such as truck, buggy, and amphibious track-based rigs utilizing direct push, hollow stem auger, sonic, and mud rotary drilling techniques. She will provide MATERIALS SAMPLING AND TESTING (AIR MONITORING/TSP LEAD) services for this contract.			
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).			
2025 - Ongoing	H.003931.6 CALCASIEU RIVER BRIDGE (HBI) (CE&I), ROUTE I-10 Calcasieu Parish, LA Professional Geologist - GEC provides environmental compliance assistance to support project development, due diligence, and regulatory decision-making efforts. Services include technical review of environmental compliance and mitigation plans to evaluate consistency with applicable federal, state, and local regulatory requirements, permitting conditions, and industry best practices. GEC also provides technical review of environmental documents such as Phase I and Phase II Environmental Site Assessments (ESAs) to evaluate recognized environmental conditions, site characterization data, potential environmental liabilities, and overall project risks. Based on review findings, GEC develops recommendations regarding appropriate paths forward, such as additional investigation, regulatory coordination, mitigation strategies, remediation considerations, and other project-specific compliance actions necessary to support informed decision-making and successful project advancement.			
2024 - Ongoing	CITY OF NEW ORLEANS – AGRICULTURE STREET LANDFILL SUPERFUND SITE REDEVELOPMENT New Orleans, LA Principal-in-Charge - GEC was selected to provide engineering and environmental services for the Agriculture Street Landfill Superfund Site Redevelopment in New Orleans East. In the efforts to redevelop the site into a community solar farm, assistance includes oversight and project management for the demolition of the residential homes including asbestos abatement, along with the implementation of the remedial action by removing contaminated soil, installation of a geotextile liner at the base of excavation prior to placing appropriate backfill, installing vegetative cover, and contaminated soil/material disposal. The remedial actions were conducted in accordance with a Remedial Action Plan and a Soil Management Plan that were prepared by GEC and approved by the City of New Orleans and EPA Region 6. As part of the remedial action, GEC also prepared a Tree Maintenance Plan and a Best Management Practices Plan that were approved by the City of New Orleans, EPA Region 6, and the Louisiana Department of Agriculture and Forestry. GEC prepared the final Remedial Action Report, which received approval from EPA Region 6, in preparation to remove the site from the National Priorities List. GEC is also assisting with the solar assessment, preliminary design, and will assist with the RFP preparation, project development, and oversight through construction of the community solar farm.			

FIRM EMPLOYED BY		G.E.C., Inc.	
NAME	Jerome Lohmann, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	10
TITLE	Senior Professional Civil Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	32
DEGREE(S) / YEARS / SPECIALIZATION		BS 1984 Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 24673 LA 09/30/2026	
YEAR REGISTERED	1992	DISCIPLINE	Civil Engineering
Contract role(s) / brief description of responsibilities	Mr. Lohmann has over 40 years of diversified engineering, surveying, and construction experience to his credit. He began his career working for an engineering/construction company in 1969. Since that time, he has gained progressive experience, an Associate degree in Applied Science (Surveying), and B.S. in Civil Engineering. His career has included extensive experience in the area of surveying (right-of-way, boundary, topographic, hydrographic, construction, route/location, etc.), sanitary sewer design, water supply systems, highway and transportation systems, drainage design, etc. Mr. Lohmann has served as Project Manager/Design Engineer on various LADOTD Projects. He has been responsible for the design and management of projects ranging in magnitude from Off- System Bridge Replacement Projects to a major interchange on I-49. Mr. Lohmann will provide ROADWAY DESIGN services for this contract and he meets the following Minimum Personnel Requirements (MPRs) as specified in the advertisement: 10		
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).		
02/2020-04/2025	LADOTD STATE PROJECT NO. H.013897 / I-10 & I-12 COLLEGE DRIVE FLYOVER RAMP DESIGN-BUILD East Baton Rouge Parish, LA Roadway Task Lead - Mr. Lohmann was Roadway Task Lead for the GEC/Boh Bros. team. Mr. Lohmann provided the roadway construction plans for this project and was responsible for the geometric layout for the entire project, ensuring conformance to DOTD and AASHTO standards. He also participated in the Level 4 Transportation Management Plan (TMP). GEC provided engineering and design quality control services as necessary to complete the design and construction for the I-10 & I-12 College Dr Flyover Ramp Design-Build Project.		
06/2017 - Ongoing	LADOTD STATE PROJECT NO. H.003074, I-10 WIDENING, WILLIAMS BLVD. TO VETERANS BLVD. Jefferson Parish, LA Project Manager - GEC is currently designing the widening of I-10 between Williams Boulevard and Veterans Boulevard interchanges in Jefferson Parish. Mr. Lohmann has submitted 95% final design plans for the urban freeway transportation project which are in accordance with DOTD's Roadway Design Procedures and Details Manual. The total project length is 2.58 miles and consists of the construction of one 12' additional lane with a 10' shoulder inside along the I-10 eastbound and westbound roadways. Included in the project is the replacement and widening of the bridges over Canal No. 3 and Veterans Blvd. Sound Barriers, both ground-mounted and structure-mounted on the north side of I-10, form part of this project. Design has also been performed on the replacement of portions of the concrete lining of Canal No. 3 that will be impacted by the new bridge design. Mr. Lohmann provided design in the preliminary plans phase and design review of the roadway during the final plans phase. This project included a level 2 TMP.		
01/2024 - Ongoing	CALCASIEU RIVER BRIDGE OV Calcasieu Parish, LA Project Engineer - This alternative delivery P3 project includes design and construct improvements to I-10 between the I-10/I-210 west interchange and the North Lakeshore/Ryan Street interchange in Calcasieu Parish. Mr. Lohmann reviews plans for contract conformity and provides segment reviews.		
07/2019-10/2024	LADOTD STATE PROJECT NO. H.011670 / I-10/LOYOLA INTERCHANGE IMPROVEMENTS OWNER VERIFICATION SERVICES Jefferson Parish, LA Quality Assurance - GEC was the Owner Verification Firm (OV) for this design-build project which included the CE&I, right-of-way acquisition, and utility relocation. As LADOTD's OV representative, GEC was responsible for the acceptance of the work and materials in order to ensure contract compliance. As LADOTD's designated representative, Mr. Lohmann administered the contract which included roadway design oversight.		
12/2021 - 02/2024	SHARP ROAD Mandeville, LA Project Manager - Mr. Lohmann managed 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.		



09/2019 – 10/2024	LASAFE AIRLINE AND MAIN COMPLETE STREETS LaPlace, LA Project Manager - Mr. Lohmann managed the development of typical sections and preliminary layout for the project in accordance with DOTD's Roadway Design Procedures and Details Manual, which consists 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., the design provided parallel parking utilizing decorative brick and permeable base to reduce time of concentration. Main Street (LA 44) was also rehabbed with a mill and overlay. Mr. Lohmann oversaw the calculation of preliminary quantities and development of a preliminary estimated construction cost. He proposed the conceptual design to the Parish and received approval. He also oversaw development of the fee for all costs from surveying to construction. This project included a level 2 TMP.
04/2018 – 12/2021	CHEVELLE DRIVE AND SARASOTA DRIVE BRIDGE REPLACEMENTS East Baton Rouge Parish, LA Project Manager - Mr. Lohmann was Project Manager performing a Design Study including hydraulics, environmental, and geotechnical considerations, overseeing topographic survey and right-of-way (ROW) mapping as required; and developing preliminary and final construction plans and cost estimates, including design of approach roadways. The project included the replacement of the existing Chevelle Drive Bridge over the West Fork of the North Branch of Ward Creek and the existing Sarasota Drive bridge over Engineers Depot Canal. This project included a level 2 Transportation Management Plan (TMP). (Bridge Recall No(s). 800541 and 800561; City Parish Project No. 18-BRUS-0016) (H.013542)
09/2020 - Ongoing	BLUEBONNET BLVD (PERKINS TO PICARDY) Baton Rouge, LA Project Manager - GEC is designing the widening of Bluebonnet Blvd. to include an additional lane in each direction. Mr. Lohmann is Project Manager, overseeing design of a six-lane, curb and gutter roadway with subsurface drainage, bridge replacement, green infrastructure and pedestrian facilities. GEC's design is in accordance with MOVEBR Design Guidelines and Consultant Services Manual. Mr. Lohmann supervised a study of the existing bridge over Dawson Creek to determine whether the bridge should be widened or replaced in accordance with Part 1, Chapter 6 of the LADOTD BDEM. This study started with an NBIS bridge inspection to determine Condition Ratings for the bridge superstructure, substructure, and piles. A Bridge Load Rating was then carried out based on the AASHTO Manual of Bridge Evaluation and the LADOTD BDEM. Based on the load rating, GEC recommended that the existing bridge be replaced. This project includes a level 2 TMP.
2002 - 2013	THE TIMED PROGRAM Statewide, LA Design Segment Manager - For the three years Mr. Lohmann served as a Design Segment Manager, he was responsible for taking over 8 TIMED projects at different stages of completion and coordinates all the preconstruction activities through letting. His duties included overseeing the Contract Design Consultant (CDC), justifying contract changes, design review, managing plan in hand inspections, ensuring that the CDC used current DOTD Standards and Standard Plans and pay items, and resolving day-to-day problems, along with budgeting.
11/2015 - 08/2016	LADOTD S.P. NO. H.011435 / US 11 IMPROVEMENTS AT SCHNEIDER CANAL Slidell, LA Project Manager - The project elevated US 11 at the levee so that ongoing construction of the levee (in separate projects by the Parish) could continue beyond this point without a break in flood protection at the highway. The road section is a divided two-lane raised median with full-width shoulders and curb & gutter drainage. The highway remained on-grade on embankment and was raised approximately 10 feet at the levee. Approximately 2,300 feet of the highway was affected. GEC accomplished all aspects of design with its own in-house personnel, excluding geotechnical services. GEC completed the construction plans for this project in the summer of 2016. It incorporates an improved curbed road section including a raised median and a bike path. This project was the first project ever designed with LADOTD specifications that included a levee. Mr. Lohmann designed approximately 2,700' of divided two lane and multi-lane roadway to raise the roadway over the levee on Schneider Canal. This project included a level 2 TMP.
07/1995 - 11/2003	LADOTD S.P. NO. 817-09-0028 / OLD HAMMOND HIGHWAY (US 61 TO BLVD. DE PROVINCE), ROUTE LA 426 East Baton Rouge Parish, LA Project Engineer - This project consisted of an Environmental Assessment (EA) or Finding of No Significant Impact (FONSI), right-of-way acquisition, preliminary plans, final plans, and utility relocation for the widening of LA 426 to a 5-lane urban section for approximately 3.9 km (2.4 miles) and a complete topographic survey using total station and data collectors along with right-of-way maps. The Urban Roadway consisted of four travel lanes and one continuous turn lane with curb and gutter and subsurface drainage. The project also included design of several major and minor intersections. Mr. Lohmann was responsible for EA management, survey management, design of preliminary and final plans and management of the right of way acquisition and relocation. This project included a level 2 TMP. (Prior to GEC)

FIRM EMPLOYED BY		G.E.C., Inc.		
NAME	James Fogleman, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	<1	
TITLE	Professional Civil Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	7	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2017 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 47189 LA 03/31/2027		
YEAR REGISTERED	2022	DISCIPLINE	Civil Engineering	
Contract role(s) / brief description of responsibilities	Mr. Fogleman joined GEC in 2025 after 7 years as an Engineering at LADOTD specializing in roadway and drainage design. His design experience consists of bridge replacement projects providing CAD work, cost estimation, drafting of design exceptions, quantifying asphalt and concrete pavement alternatives, roadway approach realignment, and bridge roadway approaches all in accordance with DOTD's requirements. He is well versed in technical review duties, having provided technical review for improvement of sidewalks, pedestrian and bicycle crossings, roundabouts, and milling and overlaying projects from both district and consultant designers in the past. He has also performed value engineering studies on roadway widening projects with outside consultants to provide alternative design solutions to produce cost savings and add value to projects. His experience extends into project management as he successfully managed multiple concurrent projects where he prepared fees, scope of work, set schedules for plan deliveries, and ran plan-in-hand meetings between districts and consultants. He has experience working in programs such as Global Mapper, hydr2009, and Microsoft Excel for Quantifying Materials. Mr. Fogleman will provide ROADWAY DESIGN services for this contract.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
12/2025 - Ongoing	IIJA OFF-SYSTEM BRIDGE PROGRAM East & West Feliciana, Iberville, Pointe Coupee, West Baton Rouge, Ascension, Assumption Parishes, LA Road Design Engineer - This project involved the spot replacement of 13 bridges across seven parishes. Mr. Fogleman is responsible for designing the vertical alignment for both mainline roadway and temporary diversion roadway, along with designing the horizontal alignment for the diversion road on one project in West Feliciana. Other tasks include designing required guard rail and establishing limits for required right-of-way. Mr. Fogleman is also responsible for developing construction plans and calculating quantities required for construction.			
12/2025 - Ongoing	US 190 UPRR OVERPASS NEAR OPELOUSAS St. Landry Parish, LA Design Engineer - This project involves the spot replacement of two bridges in St. Landry Parish located between the towns of Opelousas and Port Barre. Mr. Fogleman is responsible for designing the vertical alignment for both mainline roadway and temporary diversion roadway, designing the horizontal alignment for the diversion road, and developing construction plans for the project.			
02/2026 - Ongoing	LADOTD S.P. NO. 4400029196, H.016421.2 / I-20: INTERCHANGE AT ROUGH EDGE RD, ROUTE: I-20 Lincoln Parish, LA Road Design Engineer - Mr. Fogleman is assisting in preparation of a Line and Grade (L&G) study for the proposed project. The study includes design report documentation, corridor development and screening, alternatives development, and line and grade reporting.			
2018 - 2025	LADOTD STATE PROJECT NO. H.002381 / LA 43 CREEK BRIDGE NEAR ALBANY BRIDGE REPLACEMENT Livingston Parish, LA Roadway Design - Mr. Fogleman provided road design and plan prep for this bridge replacement project in Livingston Parish. The project was previously worked on by another, so he performed analysis of the existing design's horizontal and vertical alignments adjusting as necessary to meet the standards. He designed a detour map for the project after correspondence with district personnel led to revisions on the construction sequence. He calculated and quantified all items associated with this project and performed cost estimation using in-house data to produce bid amount that would be comparable to construction bid amounts. He performed a safety analysis of the roadway design to justify a design exception for the project using programs such as IHSDM and crash history data provided in-house. Work done prior to GEC.			

FIRM EMPLOYED BY		G.E.C., Inc.	
NAME	Keith Rebello, PhD, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	27
TITLE	Structural Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	8
DEGREE(S) / YEARS / SPECIALIZATION		BS 1983 Civil Engineering; MS 1986 Civil Engineering; Ph.D. 1990 Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 24937 LA 03/31/2027	
YEAR REGISTERED	1992	DISCIPLINE	Civil Engineering
Contract role(s) / brief description of responsibilities	Dr. Rebello has 35 years of structural engineering experience following his research work on non-linear deformation behavior of pre-stressed concrete bridges. He has designed and managed a variety of structural projects involving complex interstate and highway bridges (new, replacement, rehabilitation and widening), retaining walls, noise walls, buildings, water and wastewater treatment facilities, hurricane protection systems & hydraulic structures. He has extensive experience with rating bridges in accordance with LADOTD and AASHTO MBE requirements and performed ratings using AASHTOWare Bridge Rating (Virtis) software and finite element analysis where required. Dr. Rebello will provide BRIDGE DESIGN services for this contract and he meets the following Minimum Personnel Requirements (MPRs) as specified in the advertisement: 11		
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).		
10/2020-Ongoing	LADOTD STATE PROJECT NO. 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". Dr. Rebello is in responsible charge for the structural design and plan development of approximately 6,200' of retaining walls at multiple locations to retain earth on both sides of the widened I-10 roadway, as well as earth adjacent to on- and off-ramps servicing I-10. Four types of retaining walls are used on this project: Cast-in-place concrete Inverted T-walls, Mechanically Stabilized Earth (MSE) walls, Sheet Pile walls, and Drilled Shaft walls. All design is in accordance with AASHTO LRFD Bridge Design Specifications, 9th Ed. Dr. Rebello is providing QC efforts and as-designed ratings for all on- and off-ramp designs that are being done by his team		
06/2012-Ongoing	LADOTD STATE PROJECT NO. H.003074 / I-10 NEW ORLEANS, WILLIAMS TO VETERANS Jefferson Parish, LA Structural Engineer - Dr. Rebello provided bridge load rating of existing bridges, bridge design management, and structural design for this complex project. Initial extensive load rating of the existing bridges done at GEC, resulting in LADOTD making an informed decision to replace the bridges. Dr. Rebello supervised the structural design of all components of the replacement bridges – deep foundations, bridge piers, and steel and pre-stressed concrete bridge superstructure. Design has also been performed on the replacement of portions of the concrete lining of Canal No. 3 that will be impacted by the new bridge design. Dr. Rebello supervised and performed superstructure and substructure load rating for existing bridges and ramps for this highly congested 2.58-mile urban interstate project. The extensive load rating and documentation provided to LADOTD allowed an informed decision to be made regarding widening or replacing the existing bridges. The data supported bridge replacement. Dr. Rebello, lead designer for the superstructure design, included composite pre-stress and steel girder span. All pre-stress girders were Louisiana (LG) girders designed in accordance with AASHTO LRFD bridge specifications.		
02/2020-04/2025	LADOTD STATE PROJECT NO. H.013897 / I-10 & I-12 COLLEGE DR. FLYOVER RAMP DESIGN-BUILD East Baton Rouge Parish, LA Bridge Task Lead - 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 for a two-phase construction scenario so as to maintain at least 2 lanes of traffic at all times. Dr. Rebello designed the two-span continuous (180 feet per span) steel superstructure for the flyover as well as rolled steel girder spans for widening the existing I-10 westbound bridge over Ward Creek. He also designed and developed plans for Retaining Walls for the entire project. Dr. Rebello performed and oversaw the As-Designed and As-Built Ratings for all project bridges.		
04/2013 - 07/2021	LADOTD S.P. NO. H.011207 & H.011239 / LA 1 BRIDGE, LEEVILLE TO GOLDEN MEADOW Lafourche, 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.		



08/1991 - 12/1992	LADOTD S.P. NO. 455-08-0097 / I-49/I-20 INTERCHANGE Shreveport, LA Project Engineer - Dr. Rebello was responsible for the design of abutments, bridge bents and the realignment of retaining walls for two intersecting 2-span continuous composite plate girder bridges.
03/2017- Ongoing	LADOTD S.P. NO. H.004273.5 / I-49 CONNECTOR Lafayette Parish, LA Structural Engineer - During the SEIS, Dr. Rebello performed grillage analyses to design three-span continuous steel tub girders as an alternative to other bridge span types. He prepared an extensive cost estimate for this alternative.
09/2020 - Ongoing	BLUEBONNET BLVD. (PERKINS TO PICARDY) Baton Rouge, LA Bridge Design - GEC has designed the widening of Bluebonnet Blvd. to include an additional lane in each direction. Dr. Rebello performed an investigation of the bridge over Dawson Creek to determine whether the bridge should be widened or replaced in accordance with Part 1, Chapter 6 of the LADOTD BDEM. This investigation started with an in-depth inspection of the bridge superstructure and substructure. The Inspection Report provided Condition Ratings for the superstructure, substructure, and piles. The Condition Ratings were used in the performance of a bridge load rating based on the AASHTO Manual of Bridge Evaluation and the LADOTD BDEM. GEC recommended that the existing bridge be replaced and Dr. Rebello is providing design and construction plan development of the replacement bridges. 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). (Project No. 19-CP-HC-0034).
08/2005 - 07/2013	LADOTD S.P. NO. 700-28-0004/US 71/165 FORT BUHLOW BRIDGE AND APPROACHES Alexandria/Pineville, LA Structural Engineer - Dr. Rebello performed 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.
04/2019 - 12/2023	LADOTD S.P. NO. H.013542/CHEVELLE DRIVE AND SARASOTA DRIVE BRIDGE REPLACEMENTS East Baton Rouge Parish, LA Structural Engineer - This project included the replacement of the existing Chevelle Drive Bridge over the West Fork of the North Branch of Ward Creek with a 4-span 80-foot-long slab span bridge and the existing Sarasota Drive bridge over Engineers Depot Canal with a 5-span 105-foot-long slab span bridge. Both bridges have pedestrian sidewalks and are located in Baton Rouge, Louisiana. Dr. Rebello was the Project Manager for this project & oversaw the structural design, plan preparation, quantity estimates, as-designed rating, & quality control.
07/2009 - 06/2012	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.

FIRM EMPLOYED BY		G.E.C., Inc.		
NAME	Varaprasad Venkata, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	19	
TITLE	Senior Civil / Structural Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	10	
DEGREE(S) / YEARS / SPECIALIZATION		BS 1992 Civil Engineering; MS 1995 Structural Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 40594 LA 09/30/2026		
YEAR REGISTERED	2016	DISCIPLINE	Civil Engineering	
Contract role(s) / brief description of responsibilities	Mr. Venkata has experience involving highway bridges, low & high mast light pole supports, highway sign supports, hurricane protection systems, 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 bridge design experience includes the widening of existing structures and new structures for highly congested interstates and major highways, which includes, but not limited to, the design of pile bents, column bents, PSC girders, concrete deck, and steel girders. His design experience also 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. Mr. Venkata will provide BRIDGE DESIGN services for this contract and he meets the following Minimum Personnel Requirements (MPRs) as specified in the advertisement: 11			
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).			
07/2012 - Ongoing	LADOTD S.P. NO. H.003074 / I-10 WIDENING, WILLIAMS BLVD. TO VETERANS BLVD. 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. Mr. Venkata worked on as designed rating for the bridges in accordance with AASHTO LRFD Bridge Design Specifications and LADOTD Bridge design standards. Mr. Venkata analyzed and designed concrete blisters to support structure (Bridge) mounted Low mast poles in accordance with the AASHTO LRFD Bridge design specifications and AASHTO "Structural Supports for Highway Signs, Luminaries, and Traffic Signals" and LADOTD Bridge Design Manual. In addition, Mr. Venkata provided design of two structure-mounted trusses (overhead and cantilever) for relocated signs.			
02/2020 - 04/2025	LADOTD S.P. NO. H.013897 / I-10 & I-12 COLLEGE DR. FLYOVER RAMP DESIGN-BUILD PROJECT East Baton Rouge Parish, LA Primary Bridge Engineer - Mr. Venkata designed and supervised the design and plan development of concrete girder spans for the Flyover, all Substructures and concrete decks for both the Flyover and Ward Creek Bridge. Mr. Venkata designed and supervised plan development for Median Barriers, and Moment Slabs on the project. He also developed plans for the phased replacement of deck joints on the Ward Creek Bridge, to ensure maintenance of 5 lanes of traffic on I-10 westbound throughout construction. Mr. Venkata also analyzed and designed the median barriers to support structure mount low mast poles. He also designed Drilled Shaft foundations for ground mount high and low mast pole support. He reviewed shop drawings and design calculations submittals for the pole, anchor bolts and base plates. In addition, he performed structural design calculations and developed structural plans for cast-in-place Retaining Walls at both the west & east ends of the I-10 Flyover Bridge over I-12.			
09/2020 - Ongoing	LADOTD S.P. NO. H.004100 / I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12 West and East Baton Rouge Parishes, LA Structural Engineer - Mr. Venkata performed structural design and was also responsible for the development of structural plans for Ramp 3WB and Ramp 1EB bridges, includes shaft supported full depth end bents, Hammerhead bents and column bents, LG girder spans, concrete deck. Currently, Mr. Venkata is working on the design and plan development of Ramp 3EB and Braided Ramp to College Drive exit. Mr. Venkata is also involved in the structural design and plan development of shaft supported Retaining Walls at both the west and east ends of the I-10 City Park Lake bridge and other cast-in-place Retaining Walls, Sheet pile walls and Drilled shaft walls that are in final plan stage. Mr. Venkata was also responsible for the structural design and plan development of Moment slab at the Mechanically Stabilized Earth (MSE) wall to support the barrier railing in accordance with AASHTO LRFD Bridge Design Specifications, 9th Ed., 2020 and LADOTD specifications.			

04/2013 - 12/2017	LADOTD S.P. NO. H.011207 & H.011239 / LA 1 – LEEVILLE TO GOLDEN MEADOW: PHASE 2E AND PHASE 2A (WIDENING AND NEW BRIDGE) Lafourche Parish, LA Structural Engineer – Mr. Venkata served on a team responsible for rating existing bridge, design of the widening of an existing bridge (Phase 2E) and the design of a new bridge (Phase 2A). Mr. Venkata 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.
09/2020 - Ongoing	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 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. Mr. Venkata performed the final design calculations and plan preparation for both NB and SB bridges in accordance with AASHTO LRFD Bridge Design Specifications and the LADOTD Bridge Design and Evaluation Manual. (City-Parish Project No. 19-CP-HC-0034)
03/2017 - Ongoing	LADOTD S.P. NO.H.004273.5 / I-49 CONNECTOR, LAFAYETTE REGIONAL AIRPORT TO I-10/I-49/US 167 INTERCHANGE 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.
03/2017 - Ongoing	LADOTD S.P. NO. H.015934 / I-49 CONNECTOR, KALISTE SALOOM INTERCHANGE Lafayette Parish, LA Structural Engineer - This interchange includes K-S Road Bridge, on / off Ramps and an overpass over the BNSF Railroad. This project replaces the existing at-grade RR crossing with a grade separated crossing over the BNSF Railroad. Mr. Venkata Performed the preliminary design and plan preparation for the K-S Road bridge which consists of pile bents, column bents and LG girder spans in accordance with AASHTO LRFD Bridge Design Specifications, 9th Ed., 2020 and LADOTD specifications. Mr. Venkata also developed preliminary RR crossing plans for all these bridges in accordance with the BNSF Railroad guidelines and LADOTD specifications as part of Railroad submittal package to the BNSF approval.
04/2019 - 12/2021	CHEVELLE DRIVE AND SARASOTA DRIVE BRIDGE REPLACEMENTS East Baton Rouge Parish, LA Bridge Design - This project included the replacement of the existing Chevelle Drive Bridge over the West Fork of the North Branch of Ward Creek with a 4-span 80-foot-long slab span bridge and the existing Sarasota Drive bridge over Engineers Depot Canal with a 5-span 105-foot long (20', 20', 25', 20', 20') slab span bridge. Both bridges have pedestrian walks and are located in Baton Rouge, Louisiana. Mr. Venkata performed the final design calculations and plan preparation for both bridges in accordance with AASHTO LRFD Bridge Design Specifications, the AASHTO Manual for Bridge Evaluation, and the LADOTD Bridge Design Manual.
2005 - 2010	LADOTD S.P. NO.S.P. NO. 700-28-0004 / US 71/165 FORT BUHLOW BRIDGE AND APPROACHES Alexandria, LA Structural Engineer - 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.

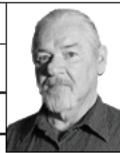
FIRM EMPLOYED BY		G.E.C., Inc.		
NAME	Thomas Coerver Jr., PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	35	
TITLE	Senior Professional Engineer, Electrical	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	6	
DEGREE(S) / YEARS / SPECIALIZATION		BS 1980 Electrical Engineering; , MBA 1990 Management Information Systems		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 30722 LA 09/30/2027		
YEAR REGISTERED	2003	DISCIPLINE	Electrical and Computer Engineering	
Contract role(s) / brief description of responsibilities	Mr. Coerver has experience in engineering and planning for utilities distribution systems, automatic test systems, and navigation and flood control projects. He also has over 20 years of experience with computers using several operating systems for GIS design, implementation, and analysis, and computer aided design and drafting. His most recent projects at GEC involved electrical power distribution systems, roadway and bridge lighting, fiber optic communication systems, and wireless and landline communication systems. Design duties include preparation of plans and specifications, Quality Control and Quality Assurance (QC/QA) review, calculations, data collection, and report preparation. Construction Engineering and Inspection (CE&I) duties include review of shop drawing and equipment submittals, respond to request for information, review/prepare as-built drawings, review payment applications, and perform periodic inspection and final system acceptance. Mr. Coerver will provide DESIGN QUALITY CONTROL AND INDIVIDUAL PEER REVIEW (LIGHTING) services for this contract.			
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).			
02/2020 - 04/2025	LADOTD S.P. NO. H.013897 / I-10 & I-12 COLLEGE DR FLYOVER RAMP DESIGN-BUILD Baton Rouge, LA Electrical Engineer - Mr. Coerver performed photometric and lighting layout design, sequence of construction, schedule analysis, and quality control review 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 Project which consists generally of highway and bridge design and engineering services.			
03/2021- Ongoing	LADOTD S.P. NO. H.004100.5 / I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12 West and East Baton Rouge Parishes, LA Electrical Engineer - Mr. Coerver completed a Roadway, Walkway, Underpass, Service Road and Roundabout Lighting study and an enhancement lighting study for Segment 1 of this CMAR project to incorporate aesthetic lighting at the City Park Lake (CPL) Bridge and emphasize the Greenway path from the Expressway Park to the CPL bridge. He also provides QA/QC for the lighting analysis, voltage drop calculation, and lighting layout of the enhancement lighting and roadway lighting.			
06/2017 - Ongoing	LADOTD S.P. NO. H.003074 / I-10 WIDENING, WILLIAMS BLVD. TO VETERANS BLVD. New Orleans, LA Electrical Designer - Mr. Coerver was involved in roadway lighting design and provided QA/QC on this project. GEC Electrical is responsible for preparing a feasibility study for the lighting within the project limits that will be affected by the widening of the I-10 in this area. This includes a total length of 2 miles of widening and three interchanges, all of which will need revisions to the lighting systems as well as significant coordination with the FAA for the lighting design.			
08/2021 - Ongoing	AMES BLVD DECORATIVE STREET LIGHTING IMPROVEMENTS (WESTBANK EXPRESSWAY TO LAPALCO BLVD.) Jefferson Parish, LA Electrical Engineer - For the electrical design of street lighting fixtures on approx. 1.3 miles of roadway, Mr. Coerver provided QA/QC review, along with assisting with fieldwork and design. GEC currently provides construction engineering support services.			
09/2019 - 10/2024	LASAFE AIRLINE AND MAIN COMPLETE STREETS St. John the Baptist Parish, LA Senior Electrical Engineer - Mr. Coerver performed QC reviews of the electrical design of the roadway lighting system. This project involved the design and illumination of a sidewalk along Airline Highway connects to Main Street. This sidewalk accommodates pedestrians and bicyclists. Additional illumination was provided for the parking area of St. John Parish Utilities building, located at the intersection of Main Street and Airline Highway.			

FIRM EMPLOYED BY		G.E.C., Inc.		
NAME	Brian Buckel, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	13	
TITLE	Senior Vice President	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	31	
DEGREE(S) / YEARS / SPECIALIZATION		BS 1981 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 21816 LA 09/30/2027		
YEAR REGISTERED	1985	DISCIPLINE	Civil Engineering	
Contract role(s) / brief description of responsibilities	Mr. Buckel is a Senior Vice President of GEC. He joined GEC after 31 years of service with the Louisiana Department of Transportation and Development, serving as Chief Construction Engineer from 2006 to 2012, managing the Construction Section as well as policy setting of construction projects. As Chief Construction Engineer, he directed policy implementation, testing, and inspection of all asphalt pavement construction statewide. Building on his asphalt mix and laydown experience as project engineer and District Construction Engineer, he led the state into significant asphalt pavement innovations such as Superpave and warm mix. He has a working knowledge of major construction in urban areas, the constraints on operations, the control of traffic and public safety, the maintenance of traffic, and contract time with the CPM method used by LADOTD. Additionally, he served as District Construction Engineer for seven years, managing the seven parishes under District 02, where he oversaw the repairs of the I-10 Twin Spans following Hurricane Katrina, along with the construction of the new I-10 Twin Spans over Lake Pontchartrain. He also oversaw the widening of I-10 in Metairie from Tulane Avenue to Clearview Parkway. Mr. Buckel will provide CONSTRUCTION ACTIVITIES SUPPORT, TECHNICAL SPECIFICATIONS, and OTHER EXPERTISE (PARTNERING AND OWNER VERIFICATION) SUPPORT services for this contract.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
01/2024 - Ongoing	LADOTD STATE PROJECT NO. H.003931.6 CALCASIEU RIVER BRIDGE (HBI) (CE&I), ROUTE I-10 Calcasieu Parish, LA Co-Project Manager and Project Engineer - Mr. Buckel is Project Manager for this alternative delivery P3 project to design and construct improvements to I-10 between the I-10/I-210 west interchange and the North Lakeshore/Ryan Street interchange in Calcasieu Parish. Mr. Buckel participates in project meetings. He assists with the overall project management and will be the lead Project Engineer for construction when it begins.			
05/2017-12/2022	LADOTD STATE PROJECT NO. H.003014 / I-10 WIDENING, LA 347 TO ATCHAFALAYA FLOODWAY BRIDGE ROUTE St. Martin Parish, LA Principal-in-Charge/Project Engineer - This project included full-depth replacement of the pavement within the existing lanes, widening the westbound pavement surface, widening the LA 347 WB overpass, construction of 2 roundabouts on LA 347, and installing concrete median protection. Pavement striping, raised markers, and rumble strips were also installed. Post construction, eastbound I-10 was striped with two 12-foot travel lanes, a 12-foot outside shoulder, and a 6-foot inside shoulder. The westbound pavement was striped for three 12-foot travel lanes, a 12-foot outside shoulder, and a 16-foot inside shoulder. A 54-inch-tall concrete median barrier was also installed in portions of the project corridor. Openings in the barrier are located at the LA 347 interchange, the Bayou Portage bridge crossing, in forested areas of the median, and at approved median crossings. GEC also inspected the installation of street lighting at the intersection.			
03/2017-07/2022	LADOTD STATE PROJECT NO. H.003003 / I-10 WIDENING, LA 328 TO I-49 Lafayette and St. Martin Parishes, LA Project Engineer - The project included full-depth replacement of the pavement within the existing lanes, widening the westbound and eastbound pavement surface, and installing concrete median protection. The project replaces the La 328 overpass and widens the overpasses and structures on Bayou Teche, Vermillion River, Louisiana Ave, Francis Coulee and La 176 (Moss St). Pavement striping, raised markers, and rumble strips would also be installed. GEC's CE&I duties included all low and high mast lighting, along with the complete rebuild of both east and westbound weigh stations weigh-in-motion system, and cameras used at the truck scales in Breaux Bridge.			
07/2019 - 04/2024	LADOTD STATE PROJECT NO. H.011670 / I-10/LOYOLA INTERCHANGE IMPROVEMENTS, OWNER VERIFICATION SERVICES Jefferson Parish, LA Principal-in-Charge - GEC, selected as the OV firm, provided all necessary engineering & related services for Design-Build Construction Support Services for the administration of the Design-Build contract on behalf of LADOTD, along with management of the implementation of the Project's Construction Quality Assurance Program (CQAP). Mr. Buckel provided assistance, support, and constructability review to the LADOTD Project Manager to verify that the requirements of the contract documents are met. GEC's CE&I duties responsibilities included inspection of all roadway lighting installation and new traffic signals for Loyola including Louisiana's first DDI Intersection. Mr. Buckel oversaw the project closeout documentation.			

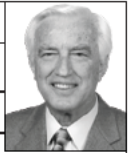
FIRM EMPLOYED BY		G.E.C., Inc.		
NAME	Zachary Boylan, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	6	
TITLE	Professional Civil Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	1	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2019 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 48575 LA 09/30/2027		
YEAR REGISTERED	2024	DISCIPLINE	Civil Engineering	
Contract role(s) / brief description of responsibilities	Mr. Boylan serves as Project Engineer in field operations and office work on numerous projects. Mr. Boylan has experience with asphalt paving, catch basins, drainage, sanitary sewer, embankment, and base course projects. He also has a vast understanding of Site Manager, developing LPA project plans and understanding of DOTD specifications. Mr. Boylan has experience with collection of street condition data utilizing the PASER rating method and QuickCapture program. He will provide CONSTRUCTION ACTIVITIES SUPPORT services for this contract.			
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).			
10/2024 - Ongoing	LADOTD S.P. NO. H.014762 / LA 44: I-10 - LA 621 Ascension Parish, LA Project Engineer - Mr. Boylan is the Project Engineer for this 4.1M, 4.6-mile-long project which includes milling asphalt concrete, pavement patching, class II base course, asphalt concrete pavement, loop detectors, and related work. Mr. Boylan works with field personnel and LADOTD to make field decisions, generated change orders and partial estimates, and hosts meetings with LADOTD and the contractor.			
05/2022 - 10/2024	LASAFE AIRLINE AND MAIN COMPLETE STREETS LaPlace, LA Assistant Project Engineer - Mr. Boylan was the assistant Project Engineer for this \$4.3M, 2.5-mile-long project which includes the construction of sidewalks, pedestrian crossings, milling/overlaying, pavement striping, curb/gutters, bike lanes, driveways, subsurface drainage, sewer and water line relocation, and installation of decorative lighting/associated electrical service equipment/underground conduit. Mr. Boylan worked with field personnel to adjust due to utility conflicts, authored and processed change orders, and generated monthly estimates.			
08/2022 - 05/2024	LADOTD S.P. NO. H.014694 / LA 426 (LA 73 - SHERWOOD FOREST) East Baton Rouge Parish, LA Assistant Project Engineer - Mr. Boylan was the Engineer Intern assisting the Project Engineer with this \$1.8M, 3.1-mile-long project consisting of constructing guardrail, concrete walk, handicapped curb ramps, plastic pavement striping, and related work. Mr. Boylan has been working in coordination with a LADOTD District Engineer to make field decisions, generate change orders and partial estimates, and host meetings with the contractor/owner.			
10/2024 - 06/2025	LADOTD S.P. NO. H.015424 / LA 67: PLANK RD. @ AIRLINE - GIRDER REP. East Baton Rouge Parish, LA Assistant Project Engineer - Mr. Boylan was the assistant Project Engineer for this \$2.2M project including bridge repair and related work. Mr. Boylan worked with field personnel and LADOTD to adjust due to field conditions, authored and processed change orders, and generated monthly estimates.			
05/2018 - Ongoing	SALES TAX STREET AND ROAD REHABILITATION PROGRAM East Baton Rouge Parishes, LA Project Engineer - GEC has been the prime consulting engineer since 1990, responsible for all aspects of construction inspection for all City of Baton Rouge Street Improvements. These projects include a variety of rehabilitations jobs; PCC Patching, Asphalt Patching, Asphaltic Concrete Overlay, Crack Sealing and Full Reconstruction including Soil Cement. Mr. Boylan is currently the Project Engineer on roughly \$17M of work a year under this program with oversight of the inspectors and obtaining quantities for the design of future projects. He has been developing partial estimates, change orders, tracking project with PASER and QuickCapture, along with other duties. Mr. Boylan has served as Assistant Project Engineer on 25+ projects under this program and performed inspection duties on these projects from 5/18-12/19. (DPW Project No. 15-CEST-0001)			

FIRM EMPLOYED BY		G.E.C., Inc.		
NAME	Luis Diaz, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	5	
TITLE	Professional Electrical Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	1	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2019 Electrical Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 48985 LA 09/30/2026		
YEAR REGISTERED	2024	DISCIPLINE	Electrical and Computer Engineering	
Contract role(s) / brief description of responsibilities	Mr. Diaz has 6 years of experience in designing lighting and electrical power systems. He has provided photometric calculations, voltage drop, and conduit fill calculations. Mr. Diaz has also provided calculations for conductor sizing, equipment specifications, arc flash analysis, and protective device sizing for LADOTD interstate, as well as urban projects. In addition to roadway lighting projects, Mr. Diaz has experience in the analysis of generator systems performing generator-sizing calculations to meet a project's power requirements, and has designed power system and capacity upgrades for Waste Water Treatment Plants and Lift Stations. He will provide ROADWAY & AESTHETIC LIGHTING DESIGN AND INSPECTION services for this contract.			
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).			
07/2021- Ongoing	LADOTD STATE PROJECT NO. H.004100 I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12 Baton Rouge, LA Electrical Design - Mr. Diaz designed the enhancement lighting study for Segment 1 of the project to incorporate aesthetic lighting to the City Park Lake Bridge, the 7 cross streets, the Perkins Road underpass, and emphasize the Greenway path from the Expressway Park through Lori Burgess, underneath of the I-10 corridor. Mr. Diaz is performing electrical design for the Roadway, Walkway, Underpass, Service Road, and Roundabout Lighting. He is also involved in the lighting analysis, voltage drop calculation, and lighting layout for the enhancement lighting and the roadway lighting systems. Mr. Diaz is also reviewing construction support and participating in site inspections on the portion of the project that is currently being built (EWP 3R).			
05/2021 - 05/2025	LADOTD S.P. NO. H.013897 / I-10 AND I-12 COLLEGE DRIVE FLYOVER RAMP DESIGN-BUILD East Baton Rouge Parish, LA Construction Engineering and Inspection - Mr. Diaz completed checks on the photometric and lighting layout design for the GEC/Boh Bros. team. GEC provided engineering and design quality control services as necessary to complete the design and construction for the I-10 & I-12 College Dr. Flyover Ramp Design-Build Project.			
2021- Ongoing	LADOTD STATE PROJECT NO. H.003074, I-10 WIDENING, WILLIAMS BLVD. TO VETERANS BLVD. Jefferson Parish, LA Electrical Design - Mr. Diaz currently provides the design of this project under the supervision of the signing professional engineer. Design task included construction plan set development, photometric calculations, voltage drop and conduit fill calculations, conductor sizing, equipment specifications, arc flash hazard analysis, and protective device sizing.			
2021- Ongoing	RETAINER NO. 44-10428, H.004774.5/H.007300.6 / KANSAS LANE - GARRETT ROAD CONNECTOR Ouachita Parish, LA Electrical Design - Mr. Diaz currently provides the design of this project under the supervision of the signing professional engineer. Design task included construction plan set development, photometric calculations, voltage drop and conduit fill calculations, conductor sizing, equipment specifications, arc flash hazard analysis, and protective device sizing.			
2021- Ongoing	LADOTD STATE PROJECT NO. H.004273.5 I-49 CONNECTOR, LAFAYETTE REGIONAL AIRPORT TO I-10/I-49/US 167 INTERCHANGE Lafayette, LA Electrical Design - Mr. Diaz is performing a lighting analysis near the ramps of SE Evangeline Thruway for pole locations to coordinate with FAA to satisfy requirements near the airport.			
2021- Ongoing	RETAINER NO. 44-11354, H.013617.6 / I-10, I-610E INTERCHANGE LIGHTING (TASK ORDER NO. 1) LA Electrical Design/Construction Engineering and Inspection - Mr. Diaz completed the design of this project under the supervision of the signing professional engineer. Design task included construction plan set development, photometric calculations, voltage drop and conduit fill calculations, conductor sizing, equipment specifications, arc flash hazard analysis, and protective device sizing. Mr. Diaz performs on-site field walk and inspection for assembly period, reviews engineering shop drawings and equipment submittals from the contractor for acceptance to fabricate, install and purchase equipment for construction, and review and respond to request for information (RFIs).			

FIRM EMPLOYED BY		G.E.C., Inc.		
NAME	Nicholas Montegut, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	8	
TITLE	Professional Electrical Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	0	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2017 Electrical Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 50543 LA 03/31/2028		
YEAR REGISTERED	2025	DISCIPLINE	Electrical and Computer Engineering	
Contract role(s) / brief description of responsibilities	Mr. Montegut is a licensed Professional Engineer with eight years of experience designing electrical lighting and power systems. As an electrical engineer and Engineer of Record for LADOTD projects, he has performed photometric calculations, voltage drop and conduit fill calculations, conductor sizing, equipment specifications, arc flash analyses, and protective device sizing for LADOTD interstate and urban projects. In addition to roadway lighting projects, Mr. Montegut has experience in the analysis and design of generator systems and pump station electrical infrastructure. His experience includes standby and emergency power systems, medium- and low-voltage power distribution, motor control equipment, and electrical system assessments for municipal, transportation, and utility-related facilities. He will provide ROADWAY & AESTHETIC LIGHTING DESIGN AND INSPECTION services for this contract.			
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).			
09/2020 - 04/2025	LADOTD S.P. NO. H.013897 / I-10 & I-12 COLLEGE DR FLYOVER RAMP DESIGN-BUILD Baton Rouge, LA Electrical Design - Mr. Montegut completed the design work under the supervision of the signing professional engineer. Design task included construction plan set development, photometric calculations, voltage drop and conduit fill calculations, conductor sizing, equipment specifications, arc flash hazard analysis, and protective device sizing 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 Project.			
07/2021 - Ongoing	LADOTD S.P. NO. H.004100.5 / I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12 West and East Baton Rouge Parishes, LA Electrical Design - As the engineer of record, Mr. Montegut performed the electrical design for the project, including development of construction plan sets, photometric analysis, voltage drop and conduit fill calculations, and conductor sizing. He is also responsible for construction cost estimates, equipment quantities and design coordination between multiple disciplines. He prepared equipment specifications and contract documents, and completed arc flash hazard analysis and protective device coordination studies. In addition to roadway lighting, the project consists of decorative enhancement lighting, multi-use path lighting, and safety lighting.			
07/2018 - Ongoing	44-5267, LADOTD S.P. NO. H.003074.5 / I-10 WIDENING, WILLIAMS BLVD. TO VETERANS BLVD. Jefferson Parish, LA Electrical Design - Mr. Montegut completed design work under the supervision of the signing professional engineer. Design tasks included construction plan set development, photometric calculations, voltage drop and conduit fill calculations, conductor sizing, equipment specifications, arc flash hazard analysis, & protective device sizing.			
07/2023 - 09/2025	LADOTD S.P. NO. H.015598 / I-210 HURRICANE LAURA LIGHTING REPAIRS Calcasieu Parish, LA Construction Engineering and Inspection - Mr. Montegut reviews engineering shop drawings and equipment submittals from the contractor for acceptance to fabricate, install and purchase equipment for construction. Review and respond to request for information (RFIs). Project limits include the I-210 Bridge over Prien Lake and the I-210 / Cove Lane Interchange.			
12/2022 - Ongoing	LADOTD S.P. NO. H.014557 / I-49: JUDSON WALSH INTERCHANGE LIGHTING Opelousas, LA Electrical Design - As Engineer of Record, Mr. Montegut was responsible for the electrical design of the project, including the development of construction plan sets, photometric analysis, voltage drop and conduit fill calculations, and conductor sizing. He prepared construction cost estimates, developed equipment quantities, and coordinated design efforts among multiple disciplines. Mr. Montegut also prepared technical specifications, contract documents, and bid packages to support project procurement and construction.			

FIRM EMPLOYED BY		G.E.C., Inc.		
NAME	James "Jimmy" Wheeler	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	20	
TITLE	ITS Technician Lead	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	13	
DEGREE(S) / YEARS / SPECIALIZATION		N/A		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A		
YEAR REGISTERED	N/A	DISCIPLINE	N/A	
Contract role(s) / brief description of responsibilities	Mr. Wheeler has over 30 years of construction management experience including ITS construction and implementation. Mr. Wheeler's work experience includes construction installation and operation of dynamic message signs and CCTV cameras in both Louisiana and Texas, installation of bridge mounted conduit and junction boxes and underground conduit and pull boxes, installation of high mast lighting and roadway illumination, installation of electrical service points, installation of guard rail, installation of communication hub buildings, installation of fiber optic cable and splicing, traffic signal build out and commissioning, and setup and execution of lane closures. As GEC's lead ITS inspector, his work experience in the construction industry is paramount to providing clients with technical construction support of ITS and associated projects. Mr. Wheeler has current work zone training, including ATSSA Traffic Control Supervisor Refresher and ATSSA Flagger. Mr. Wheeler will provide ELECTRICAL INSPECTION services for this contract.			
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).			
06/2022 - Ongoing	LADOTD S.P. NO. H.012465 / DISTRICT 61 FLASHING YELLOW ARROW PART 3 Various Routes, Ascension, Assumption, Iberville, and St. James Parishes, LA Lead Inspector - Mr. Wheeler is the Lead inspector on signal project for district 61 FYA 13 complete rebuild intersections and approximately 50 modifications to existing signal intersections. Duties included ensuring that the contractor followed plans and specification during scheduled work. Contacting LADOTD Section 45 for updates during the project. Completing daily fieldbook reports for LADOTD's site manager and monthly quantities for payment to contractor. Field inspection and role duties included the installation of drilled shaft foundations, traffic signalization, and related work, along with completing inspection paperwork, and project close out, as required by contract specifications and/or the DOTD Project Engineer.			
03/2024 - 12/2024	LADOTD S.P. NO. H.015504.6 / CCC DECORATIVE LIGHTING CEI Orleans Parish, LA Lead Electrical Inspector - Mr. Wheeler's duties as lead electrical inspector included ensuring contractors built the project according to plans; ensuring contractors used correct materials according to submittals; documenting and completing daily work reports for LADOTD; ensuring that all traffic control advance signs and barricades were in place twice daily; attending weekly scheduled meetings and informing contractors of any deficiencies; ensuring all workers on the bridges followed safety procedures; and, soil and concrete testing, creating sample IDs, and bringing them to the LADOTD lab.			
04/2020-04/2024	LADOTD STATE PROJECT NO. H.011670 // I-10/LOYOLA INTERCHANGE IMPROVEMENTS, OWNER VERIFICATION SERVICES Jefferson Parish, LA Electrical Inspector - GEC, selected as the Owner Verification firm, provided all necessary engineering & related services for Design-Build Construction Support Services for the administration of the Design-Build contract on behalf of LADOTD, along with management of the implementation of the Project's Construction Quality Assurance Program (CQAP). Mr. Wheeler performed electrical inspection services. Mr. Wheeler's responsibilities included inspection of all roadway lighting installation and new traffic signals for Loyola including Louisiana's first DDI Intersection. He also provided full inspection of sound walls and class 2&3 finish on new ramps.			
08/2022 - Ongoing	I-49 S, AMB CAFFERY / US 90 INTERCHANGE, ROUTES US 90 AND LA 3073 Lafayette, LA Inspector - Mr. Wheeler's duties include daily inspection of building overpass bridges, concrete paving, concrete testing for DOTD, and traffic signal systems.			
04/2026 - Ongoing	H.010960.6 -R1: LA. 30 ROUNDABOUT AT TANGER MALL & I-10 Ascension Parish, LA Inspector - Mr. Wheeler's duties include inspection of soil cement and concrete removal, concrete drainage and temporary signals. He oversaw concrete testing and performed daily monitoring of traffic control. He also reports any delays or work issues to the project engineer.			
10/2018-07/2022	LADOTD STATE PROJECT NO. H.003003 / I-10, LA 328 TO I-49 JCT. Lafayette and St. Martin Parishes, LA Electrical Inspector - Project included full-depth replacement of the pavement within the existing lanes, widening the westbound and eastbound pavement surface, and installing concrete median protection. Project replaces the LA 328 overpass and widens the overpasses and structures on Bayou Teche, Vermillion River, Louisiana Ave, Francis Coulee and LA 176 (Moss St). Pavement striping, raised markers, and rumble strips were installed. Mr. Wheeler's primary duties included all low and high mast lighting, along with the complete rebuild of both east and westbound weigh stations weigh-in-motion system.			

FIRM EMPLOYED BY		GeoEngineers, Inc.	
NAME	James "Jim" Aronstein Jr., PE, PLS	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	56
TITLE	Senior Geotechnical Advisor	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	5
DEGREE(S) / YEARS / SPECIALIZATION		BS 1965 Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 11794 LA 03/31/2027 PLS No. 458 LA 03/31/2027	
YEAR REGISTERED	1969 (PE) 1970 (PLS)	DISCIPLINE	Civil Engineer, Environmental Engineer Professional Land Surveyor
Contract role(s) / brief description of responsibilities	Jim has provided geotechnical services on private, industrial, and public facilities since 1969, with extensive, significant expertise in the transportation industry. He has been the engineer of record for the majority of GeoEngineers' Louisiana road and bridge projects over the past 30 years, including LA DOTD statewide retainer contracts for geotechnical investigations and project-specific programs. His projects include the I-210 at Cove Lane Interchange; I-49/US90 Widening over LA182 and BNSF Railroad Design-Build; 37-mile extension of I-49 North through Louisiana, I-220 to the Arkansas state line; Rigolets Pass Bridge project on US 90; numerous off-system bridge sites for LA DOTD through local consultants; and work on the East Baton Rouge Parish Green Light roads and streets improvements plan. Jim's role involves managing and executing engineering analyses and reports, field exploration, site access, drilling technology evaluation, exploration conduct, laboratory test assignments, and quality control of the generated work product. Jim will provide DESIGN QUALITY CONTROL AND INDIVIDUAL PEER REVIEW (GEOTECHNICAL) services and meets the following Minimum Personnel Requirements (MPRs) as specified in the advertisement: 9		
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).		
10/2021 - 06/2022	LA DOTD, JIMMIE DAVIS BRIDGE PRELIM EXPLORATIONS Caddo and Bossier Parishes, LA Principal in Charge. GeoEngineers completed the fast-tracked preliminary geotechnical exploration and testing for this high-profile design-build project that is in preparation for the replacement of the Jimmie Davis Bridge over the Red River, along LA 511 in Bossier City, Louisiana.		
01/2019 - 04/2024	LA DOTD, I-10/LOYOLA INTERCHANGE DESIGN BUILD Kenner, LA Principal in Charge. GeoEngineers completed the geotechnical exploration, testing, engineering and modeling driving in the WEAP and conducting PDA/ CAPWAP testing monitoring/evaluations for this high-profile project in Kenner that was designed to improve the Loyola Drive interchange to increase operational efficiency and traffic capacity. Jim served as principal-in-charge.		
05/2018 - 04/2019	LA DOTD, I-20/I-220 (BARKSDALE AFB) DESIGN BUILD, OV/QA Bossier Parish, LA Principal in Charge. Jim was the principal-in-charge for GeoEngineers' OV/QA role in this design-build project which involves interchange improvements (piles, shafts, embankments and PDA / CAPWAP) that will increase access to the Barksdale Air Force Base in Bossier Parish.		
08/2017 - 11/2020	LA DOTD, I-10 WIDENING (HIGHLAND TO LA-73) DESIGN BUILD, OV/QA Baton Rouge, LA Principal in Charge. Jim was the principal-in-charge for GeoEngineers' OV/QA role in this highly-anticipated I-10 project that involved PDA / CAPWAP monitoring/evaluations for widening a 6.5-mile segment of I-10 from four lanes to six lanes between Highland Road and LA-73.		
04/2015 - 11/2017	LA DOTD, US-90/LA-318 INTERCHANGE DESIGN BUILD St. Mary Parish, LA Principal in Charge. Jim was the principal-in-charge during this design-build project in support of the proposed Interchange on US90 at LA318. GeoEngineers performed the geotechnical design including drilling, log review, test assignments, pile design, settlement analysis, embankment monitoring, and embankment design. We also conducted extensive settlement modeling to demonstrate that the aggressive schedule for this project can be met along with modeling driving in the WEAP. During construction, we conducted PDA/CAPWAP testing to keep the schedule progressing.		
02/2013 - 04/2013	LA DOTD, I-49/US90 WIDENING OVER LA182 AND BNSF RAILROAD Lafayette, LA Principal in Charge. This was an LA DOTD widening project in preparation for upgrading US90 to I-49 from Albertson Road to Ambassador Caffery where Jim was the principal-in-charge in conducting bridge and roadway borings, and laboratory tests in support of design of this bridge and roadway widening project located just south of Lafayette. GeoEngineers completed 119 borings for the project on a fast-track schedule utilizing multiple drill rigs to meet the deadline.		



08/2012 – 04/2015	LA DOTD, I-210 AT COVE LANE INTERCHANGE Lake Charles, LA Principal in Charge. Jim was the principal-in-charge during this fast-track design and construction project in support of the proposed Interchange on I-210 at Cove Lane. GeoEngineers coordinated a field investigation including multiple simultaneous drilling and CPT rigs, with lane closures and traffic control and completed engineering analyses while providing recommendations for design and construction of about 8,000 driven pile foundations, MSE walls, and wick-drain/surcharge design to reduce post-construction embankment settlement, in accordance with AASHTO LRFD specifications for highway bridges. In addition, the GeoEngineers' team monitored MSE wall construction, provided PDA/CAPWAP evaluation of the piles during installation, and installed liquid settlement sensors to monitor embankment settlement.
01/2010 – 12/2012	LA DOTD, I-12 Widening (Amite River to Juban Road) Design Build; Denham Springs, LA Principal in Charge. Jim was the principal-in charge during this design build project. GeoEngineers completed engineering analyses and provided recommendations for design and construction of driven pile foundations for four bridge structures in accordance with AASHTO LRFD specifications for highway bridges, which included PDA/CAPWAP monitoring.
09/2009 – 07/2011	LA DOTD, US90 at LA85 Interchange Design Build; Iberia Parish, LA Principal in Charge. Jim was the principal-in-charge during this design-build project in support of the proposed Interchange on US90 at LA85. GeoEngineers' completed engineering analyses and provided recommendations for design and construction of driven pile foundations in accordance with AASHTO LRFD specifications for highway bridges and PDA/CAPWAP monitoring. In addition, the GeoEngineers' team analyzed embankment settlement and provided design recommendations for wick drains and surcharge loading to reduce post construction settlement and prevent downdrag loads on the proposed adjacent bridge foundations.
04/2007 – 04/2009	LA DOTD, I-49 North; Caddo Parish, LA Lead Geotechnical Engineer. This was an LA DOTD Priority 1 Mega Project where Jim led the GeoEngineers' team in conducting bridge and roadway borings and laboratory tests before bridges were constructed and pavement was laid on then 36-mile northward extension in Louisiana. GeoEngineers completed 166 borings for the project. At some sites, the team had to overcome the challenge of drilling exploratory borings at the same time LA DOTD cleared the area for construction, disturbing the site where samples are taken.

FIRM EMPLOYED BY		GeoEngineers, Inc.		
NAME	Larry D. Sant, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	25	
TITLE	Associate Geotechnical Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	2	
DEGREE(S) / YEARS / SPECIALIZATION		MS 2001 Civil Engineering // BS 2001 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 35625 LA 09/30/2026		
YEAR REGISTERED	2010	DISCIPLINE	Civil Engineer	
Contract role(s) / brief description of responsibilities	Larry is a professional geotechnical engineer with more than 25 years of experience managing geotechnical engineering projects and has been GeoEngineers' project manager for most of their transportation projects in the last two decades working with agencies like the LA DOTD, East Baton Rouge Parish, The City of Baton Rouge, and many other local entities. He has managed the geotechnical design tasks for 12 design-build/P3 projects either as lead geotechnical engineer of record or as the owner's representative. His experience includes project planning and technical direction during subsurface investigations, exploration, laboratory testing, engineering design analyses, report preparation and construction monitoring. Larry has been involved in hundreds of projects including roadways ranging from highways to private access drives, airports, bridges, dams, university and K-12 schools, wastewater treatment plants, drainage facilities, utility projects, and other structures ranging from private residences to large public and private facilities. Larry will provide GEOTECHNICAL ANALYSIS/DESIGN services and meets the following Minimum Personnel Requirements (MPRs) as specified in the advertisement: 9			
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).			
04/2024 - Ongoing	LA DOTD, P3 I-10 CALCASIEU RIVER BRIDGE GEOTECHNICAL ENGINEERING SERVICES Lake Charles, LA: Lead Geotechnical Engineer. Larry is the lead geotechnical engineer for this historic public-private partnership (P3) that will redesign and renovate a six-mile stretch of I-10 running through Lake Charles—including the Calcasieu River Bridge itself, which has been outdated for decades. The finished project aims to improve traffic capacity with three through lanes in each direction, and renovate interchanges, shoulders, and bridges through the I-10 corridor to meet modern engineering standards and transportation needs. GeoEngineers' scope includes several hundred borings including deep borings in the Calcasieu River, geotechnical design for bridge foundations, embankment slopes and retaining walls, lab testing, drilling, construction monitoring, and environmental support to deal with explorations within a known contamination plume.			
10/2021 - 06/2022	LA DOTD, JIMMIE DAVIS BRIDGE PRELIM EXPLORATIONS Caddo and Bossier Parishes, LA Lead Geotechnical Engineer. GeoEngineers completed the fast-tracked preliminary geotechnical exploration and testing including deep borings in the Red River for this high-profile design-build project that is in preparation for the replacement of the Jimmie Davis Bridge over the Red River, along LA 511 in Bossier City, Louisiana.			
01/2019 - 04/2024	S.P. H.011670: LA DOTD, I-10/LOYOLA INTERCHANGE DESIGN BUILD Kenner, LA Lead Geotechnical Engineer. GeoEngineers completed the geotechnical exploration, testing, engineering, modeling driving in the wave equation analyses (WEAP) and conducting PDA (Pile Driving Analyzer)/CAPWAP (Case Pile Wave Analysis Program) testing monitoring/evaluations for this high-profile project in Kenner that will ultimately improve the Loyola Drive interchange to increase operational efficiency and traffic capacity. Larry served as the lead geotechnical engineer.			
05/2018 - 04/2019	S.P. H.003370: LA DOTD, I-20/I-220 (BARKSDALE AFB) DESIGN BUILD, OV/QA Bossier Parish, LA Project Manager. Larry was the project manager for GeoEngineers' OV/QA role in this design-build project which involved interchange improvements (piles, shafts, embankments and PDA / CAPWAP) that intended to increase access to the Barksdale Air Force Base in Bossier Parish.			
08/2017 - 11/2020	S.P. H.009250: LA DOTD, I-10 WIDENING (HIGHLAND TO LA-73) DESIGN BUILD, OV/QA Baton Rouge, LA Project Manager. Larry was the project manager for GeoEngineers' OV/QA role in this highly-anticipated I-10 project that involved PDA / CAPWAP monitoring / evaluations for widening a 6.5-mile segment of I-10 from four lanes to six lanes between Highland Road and LA-73.			
04/2015 - 11/2017	S.P. H.004932: LA DOTD, US-90/LA-318 INTERCHANGE DESIGN BUILD St. Mary Parish, LA Project Manager. Larry was the project manager during this design-build project in support of the proposed Interchange on US90 at LA318. He led the geotechnical design including drilling, log review, test assignments, pile design, settlement analysis, embankment monitoring, and embankment design. We also conducted extensive settlement modeling to demonstrate that the aggressive schedule for this project can be met along with modeling driving in the WEAP. During construction, we conducted PDA/ CAPWAP testing to keep the schedule progressing.			

02/2013 – 04/2013	S.P. H.010620: LA DOTD, I-49/US90 WIDENING OVER LA182 AND BNSF RAILROAD Lafayette, LA Project Manager. This was an LA DOTD widening project in preparation for upgrading US90 to I-49 from Albertson Road to Ambassador Caffery where Larry was the project manager in conducting bridge and roadway borings, and laboratory tests in support of design of this design build widening project located just south of Lafayette. GeoEngineers completed 119 borings for the project on a fast-track schedule utilizing multiple drill rigs to meet the deadline.
08/2012 – 07/2015	S.P. H.010151: LA DOTD, I-210 AT COVE LANE INTERCHANGE Lake Charles, LA Project Manager. Larry was the project manager during this fast-track design and construction project in support of the proposed Interchange on I-210 at Cove Lane. GeoEngineers coordinated a field investigation including multiple simultaneous drilling and CPT rigs, with lane closures and traffic control and completed engineering analyses and provided recommendations for design and construction of about 8,000 driven pile foundations including modeling driving in the WEAP, mechanically stabilized earth (MSE) walls, and wick-drain/surcharge design to reduce post-construction embankment settlement, in accordance with AASHTO LRFD specifications for highway bridges. In addition, the GeoEngineers' team monitored MSE wall construction, provided PDA/CAPWAP evaluation of the piles during installation, and installed liquid settlement sensors to monitor embankment settlement.
01/2010 – 12/2011	S.P. 454-02-0071: LA DOTD, I-12 WIDENING (AMITE RIVER TO JUBAN ROAD) DESIGN BUILD Denham Springs, LA Project Manager. Larry was project manager during this design build project. GeoEngineers completed engineering analyses and provided recommendations for design and construction of driven pile foundations for four bridge structures in accordance with AASHTO LRFD specifications for highway bridges, which included PDA/CAPWAP monitoring/evaluations.
09/2009 – 07/2011	LA DOTD, US90 AT LA85 INTERCHANGE DESIGN BUILD Iberia Parish, LA Project Manager. Larry was the project manager during a design build project in support of the proposed Interchange on US90 at LA85. GeoEngineers' completed engineering analyses and provided recommendations for design and construction of driven pile foundations in accordance with AASHTO LRFD specifications for highway bridges and PDA/CAPWAP monitoring/evaluations. In addition, the GeoEngineers' team analyzed embankment settlement and provided design recommendations for wick drains and surcharge loading to reduce post construction settlement and prevent downdrag loads on the proposed adjacent bridge foundations.

FIRM EMPLOYED BY		GeoEngineers, Inc.		
NAME	Brenda Novoa, PE, MSCE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	3	
TITLE	Senior Geotechnical Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	22	
DEGREE(S) / YEARS / SPECIALIZATION		MS 2003 Civil Engineering BS 1999 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 33665 LA 03/31/2028		
YEAR REGISTERED	2005	DISCIPLINE	Civil Engineering	
Contract role(s) / brief description of responsibilities	Brenda is a geotechnical engineer with 25 years of experience in geotechnical field work and engineering in Louisiana and Puerto Rico. Her daily responsibilities include the management of projects from the proposal stage to report distribution. Brenda is directly involved with the field exploration crews, constantly in direct contact with clients to gather project data and solve any challenging issues that arise in their projects, and conducts onsite soil observations and analyzes field and lab data to develop engineering recommendations for commercial, industrial, municipal, state, and federal projects. Her geotechnical experience includes data evaluation and engineering analysis including slope stability analysis, shallow and deep foundation recommendations per LRFD design requirements for LA DOTD projects, and settlement analysis, among others. Brenda will provide GEOTECHNICAL ANALYSIS/DESIGN services for this project.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
11/24 - 06/25	LA DOTD, BONNE IDEE ROAD BRIDGE GEOTECHNICAL EXPLORATIONS & LAB Bonita, LA Project Engineer. The project consisted of geotechnical field and laboratory testing services to determine the soil conditions at the bridge's site and the preparation of final boring logs in LADOTD format.			
11/24 - 05/25	LA DOTD, SPRING BAYOU ROAD OVER SPRING BAYOU Goudeau, LA Project Engineer. The project consisted of geotechnical field and laboratory testing services to determine the soil conditions at the bridge's site and the preparation of final boring logs in LADOTD format.			
04/24 - Ongoing	LA DOTD, P3 I-10 CALCASIEU RIVER BRIDGE GEOTECHNICAL ENGINEERING SERVICES Lake Charles, LA Senior Project Engineer. This historic public-private partnership (P3) will redesign and renovate a six-mile stretch of I-10 running through Lake Charles—including the Calcasieu River Bridge itself, which has been outdated for decades. The finished project aims to improve traffic capacity with three through lanes in each direction, and renovate interchanges, shoulders, and bridges through the I-10 corridor to meet modern engineering standards and transportation needs. GeoEngineers' scope includes geotechnical design for bridge foundations, embankment slopes and retaining walls, lab testing, drilling, construction monitoring, and environmental support to deal with explorations within a known contamination plume. Brenda is helping with the coordination of the field and laboratory testing activities and with the evaluation of the data obtained for the geotechnical designs.			
06/20 - 04/22	MOVEBR, HENNESSY BOULEVARD TO PERKINS ROAD CONNECTOR Baton Rouge, LA Project Manager. The project consisted of design and construction of a new 2,600 feet long connector roadway and railroad underpass bridge. The project included depressing the new roadway under the existing KCS railroad track to provide grade separation from the railroad. The project also included a new drainage pump station. Retaining structures, sheet piles or otherwise, were required for temporary support of one track of the R/R while the other is constructed to maintain operations of the R/R. The proposed new connector roadway was designed to be constructed to connect Hennessy Boulevard and Perkins Road in Baton Rouge, Louisiana. The scope of work consisted of performing soil borings along the proposed roadway and the required laboratory testing to evaluate the existing subsurface soils conditions to provide recommendations for: an effective pavement section, deep foundations to support the railroad bridge and proposed retaining walls, and retaining wall design parameters.			
02/20 - 04/22	MOVEBR, JONES CREEK ROAD EXTENSION: JEFFERSON HIGHWAY TO AIRLINE HIGHWAY Baton Rouge, LA Project Manager. The project consisted of design and construction of a new, approximately 0.70-mile long, four-lane roadway extension to connect Jefferson Highway to Airline Highway, near Jones Creek Boulevard in Baton Rouge, Louisiana. The scope of work consisted of performing soil borings along the proposed roadway and the required laboratory testing to evaluate the existing subsurface soils conditions to provide recommendations for an effective pavement section.			

FIRM EMPLOYED BY		GeoEngineers, Inc.		
NAME	Anthony (Chien-An) Ju, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	5	
TITLE	Staff Geotechnical Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	0	
DEGREE(S) / YEARS / SPECIALIZATION		MS 2020 Civil Engineering; BS 2018 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 50514 LA 03/31/2028		
YEAR REGISTERED	2025	DISCIPLINE	Civil Engineering	
Contract role(s) / brief description of responsibilities	Anthony is a staff engineer who is actively involved in many of GeoEngineers' geotechnical explorations and evaluations since joining the firm in 2021. Anthony has been involved in many GeoEngineers projects, including LADOTD and CPRA projects listed below, performing field investigations using land-based, water-based, and amphibious drilling equipment. Anthony will provide GEOTECHNICAL FIELD INVESTIGATIONS & CONSTRUCTION MONITORING services for this project.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
04/2024 - Ongoing	LA DOTD, P3 I-10 CALCASIEU RIVER BRIDGE GEOTECHNICAL ENGINEERING SERVICES Lake Charles, LA Project Manager. Anthony is the project manager for this historic public-private partnership (P3) that will redesign and renovate a six-mile stretch of I-10 running through Lake Charles, including the Calcasieu River Bridge itself, which has been outdated for decades. The finished project aims to improve traffic capacity with three through lanes in each direction, and renovate interchanges, shoulders, and bridges through the I-10 corridor to meet modern engineering standards and transportation needs. GeoEngineers' scope includes geotechnical design for bridge foundations, embankment slopes and retaining walls, lab testing, drilling, construction monitoring, and environmental support to deal with explorations within a known contamination plume. Anthony coordinates laboratory assignments and assists with the preparation of the bridge design report.			
10/2021 - Ongoing	CPRA, EAST ORLEANS LANDBRIDGE RESTORATION (PO-191) Orleans Parish, LA Geotechnical Engineer. Anthony served as a staff geotechnical engineer supporting the engineering analyses by reviewing field and laboratory data and selection of design soil parameters. This project will create approximately 1,563 acres of marsh which will be created and nourished by hydraulically dredging material from two potential locations – Lake Pontchartrain and Lake St. Catherine. The fill areas will be formed by constructing earthen containment dikes around the boundaries of each marsh creation area (MCA). GeoEngineers has performed field investigations and geotechnical analyses along with laboratory testing and reporting.			
02/2021 – 11/2021	CPRA, PHOENIX MARSH CREATION PROJECT – EAST INCREMENT (BS-0042) AND WEST INCREMENT (BS-0044) Plaquemines Parish, LA Geotechnical Engineer. Anthony served as a staff geotechnical engineer providing support with engineering analyses. The objective of the East Increment is to create and nourish approximately 392 acres of marsh and the objective of the West Increment is to create and nourish approximately 411 acres of marsh. His role included organizing and managing the field exploration efforts for the marsh creation areas and the borrow area in the Mississippi River. In addition, Anthony was instrumental in the engineering analyses for the marsh creation areas including stability of earthen containment dikes and marsh settlement.			
07/2020 – 12/2022	CPRA, CAMERON MEADOWS MARSH CREATION AND TERRACING (CS-66) Cameron Parish, LA Geotechnical Engineer. Anthony served as a staff geotechnical engineer supporting the construction monitoring collecting sediment samples of the placed marsh fill for further analysis for this multi-faceted project that included marsh creation, terraces, a water control culvert structure, and an underground highway crossing for a hydraulic fill pump line.			
01/2019 – 11/2024	LA DOTD, I-10/LOYOLA INTERCHANGE DESIGN BUILD Kenner, LA Geotechnical Field Investigator. Anthony provided field monitoring of driven piles including PDA and CAPWAP analysis for capacity. GeoEngineers completed the geotechnical exploration, testing and engineering for this high-profile project in Kenner that will ultimately improve the Loyola Drive interchange to increase operational efficiency and traffic capacity.			

FIRM EMPLOYED BY		GeoEngineers, Inc.		
NAME	Nicholas Hull	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	1.5	
TITLE	Field Technician	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	0	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2025 Earth and Environmental Science		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		ACI Certified Concrete Field Testing Technician Grade 1: #02372372 LA 3/20/2031		
YEAR REGISTERED	N/A	DISCIPLINE	N/A	
Contract role(s) / brief description of responsibilities	Nicholas is a field technician with hands-on experience supporting geotechnical and transportation projects. He specializes in logging soil borings, performing CPT data collection, conducting field density testing, and gathering field samples and data for analysis and reporting. He also has extensive construction monitoring experience, making sure project objectives are fulfilled and quality standards are met. Nicholas will provide GEOTECHNICAL FIELD INVESTIGATIONS & CONSTRUCTION MONITORING services for this project.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
09/2025 - Ongoing	UNIVERSITY LAKES, LLC, MAY STREET CONSTRUCTION SUPPORT SERVICES Baton Rouge, LA GeoEngineers is providing construction support services for the May Street bridge embankment repairs and pile design in Baton Rouge. Nicholas is supporting the construction monitoring services. Our scope includes verifying wick drain continuity through test pit excavation, confirming embankment slopes and construction sequencing to restore the full surcharge load, reviewing survey data to determine when surcharge could be removed, and verifying embankment degrading for pile installation. The team is also helping finalize the pile design and review pile testing to confirm capacity.			
04/2024 - Ongoing	LADOTD, P3 I-10 CALCASIEU RIVER BRIDGE GEOTECHNICAL ENGINEERING SERVICES Lake Charles, LA Nicholas logged soil borings for this historic public-private partnership (P3) that will redesign and renovate a six-mile stretch of I-10 running through Lake Charles—including the Calcasieu River Bridge itself, which has been outdated for decades. The finished project aims to improve traffic capacity with three through lanes in each direction, and renovate interchanges, shoulders, and bridges through the I-10 corridor to meet modern engineering standards and transportation needs. GeoEngineers' scope includes geotechnical design for bridge foundations, embankment slopes and retaining walls, lab testing, drilling, construction monitoring, and environmental support to deal with explorations within a known contamination plume.			
04/2024 - Ongoing	CPRA, STATE WILDLIFE REFUGE (TV-0100) Vermilion Parish, LA Nicholas performed geotechnical field services for this project. The project aimed to reduce wave energy, prevent interior lake scouring, and restore eroded shoreline using on-shore and off-shore riprap dikes, with borrow material sourced from nearby lakes. Nicholas oversaw drilling and logged 3 soil borings. Soil borings were performed to a depth of 40 feet.			
04/2024 - 03/2026	CPRA, CALCASIEU-SABINE LARGE SCALE MARSH CREATION CS-87.B Cameron Parish, LA This ~1,500-acre marsh restoration and channel improvement project aimed to reduce wetland loss and support healthy vegetative productivity. The project includes up to 18 miles of conveyance channel improvements and the creation of three marsh creation areas using hydraulically dredged material placed within containment dikes. Nicholas performed geotechnical field services for this project. Nicholas oversaw drilling and logged 20 soil borings. Soil borings were performed from depths of 16 feet to 30 feet.			
02/2023 - 03/2026	BASF, CONSTRUCTION MONITORING Geismar, LA Nicholas was responsible for monitoring construction of a heavy haul road over very soft to soft subgrade soils. The road section consisted of a fabric-geogrid at the base, over the soft subgrade soils, then crushed limestone, then a second geogrid, and lastly another layer of crushed limestone. The thickness of the limestone layers varied depending on subgrade conditions. Nicholas monitored grid overlap and stone placement/compaction. He performed field density testing to verify compaction and documented daily activities in detailed field reports tracking hours, equipment used, and testing results.			

FIRM EMPLOYED BY		GeoEngineers, Inc.		
NAME	Kyle Kilfian, WWC	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	12	
TITLE	Drilling Manager	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	0	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2007 Mechanical Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		Licensed Representative for Water Well License No. 724 LA 06/30/2026		
YEAR REGISTERED	N/A	DISCIPLINE	N/A	
Contract role(s) / brief description of responsibilities	Kyle has been with GeoEngineers since 2014 and has excelled on a variety of projects involving geotechnical soil borings, environmental soil borings, construction monitoring, and cone penetration test (CPT) soundings. All field work required coordination with clients, contractors, project engineers, landowners, and pipeline representatives. Kyle provides detailed daily field reports including site photographs generated to document field activities. He also oversees the fabrication and modifications of equipment depending upon project requirements and client specifications. Kyle conducted geotechnical explorations that involved multiple CPT soundings and soil borings for a few LA DOTD projects including Caddo Lake Bridge, LA 485 Bridges, and the Tangipahoa River Bridge Replacement. Construction Monitoring: Inspected the construction of MSE walls and the installation of concrete and timber piles. Assisted with PDA. Monitored augercast pile and Geopier installation. Performed nuclear density testing and monitored fill placement. Read and interpreted detailed plans. Kyle will provide GEOTECHNICAL FIELD INVESTIGATIONS & CONSTRUCTION MONITORING services for this project.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
02/2024 - Ongoing	LA DOTD, LA 835 BOEUF RIVER BRIDGE Near Concord, Richland Parish, LA Geotechnical Field Investigator. GeoEngineers is conducting geotechnical explorations and laboratory testing results for Phase 2 of the LA 561 Boeuf River Bridge Replacement project located near Hebert in Caldwell and Richland Parishes, LA. Kyle performed CPT soundings and soil borings for this project. The scope includes drilling eight soil borings, including five over water to depths of 110 feet below ground surface, evaluating soil properties in our laboratory, and consolidating data and findings into a report.			
01/2019 - 04/2024	LA DOTD, LOYOLA DRIVE I-10 INTERCHANGE TO NEW AIRPORT TERMINAL Jefferson Parish, LA Geotechnical Field Investigator. GeoEngineers completed the geotechnical exploration, testing and engineering for this high-profile project in Kenner that will ultimately improve the Loyola Drive interchange to increase operational efficiency and traffic capacity. Kyle performed CPT soundings and soil borings for this project.			
08/2012- 07/2015	LA DOTD, I-210 INTERCHANGE AT COVE LANE Lake Charles, LA Geotechnical Field Investigator. Kyle performed CPT soundings and soil borings during this fast-track design and construction project in support of the proposed Interchange on I-210 at Cove Lane with a field investigation including multiple simultaneous drilling and CPT rigs, with lane closures and traffic control. GeoEngineers' completed engineering analyses and provided recommendations for design and construction of about 8,000 driven pile foundations.			
11/2017- 12/2018	LA DOTD, LA 485 BRIDGES Natchitoches Parish, LA Geotechnical Field Investigator. Kyle performed CPT soundings and soil borings. This project involved the re-alignment of four existing bridges and the replacement of another bridge along LA 485 in Allen, Louisiana. The work was performed using our highway truck-mounted rotary-washbore drill rig. The scope included 15 soil borings, each 110 feet deep, and associated laboratory testing.			
07/2017- 11/2017	LA DOTD, TANGIPAHOA RIVER BRIDGE REPLACEMENT Tangipahoa Parish, LA Geotechnical Field Investigator. Kyle performed CPT soundings and soil borings. This project involved the preparation for the replacement of a bridge along LA 442 over the Tangipahoa River near Tickfaw, Louisiana. The new bridge will be constructed on the same alignment and grade as the existing structure. The work was performed using a highway truck-mounted rotary-washbore drill rig. The scope included five soil borings and associated laboratory testing. Borings B-1 and B-5 were drilled to a depth of 140 feet each, while Borings B-2 through B-4 were drilled to a depth of 120 feet each, taken through the bridge deck.			

FIRM EMPLOYED BY		GeoEngineers, Inc.		
NAME	Jammie McLeod	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	16	
TITLE	Drilling Manager	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	0	
DEGREE(S) / YEARS / SPECIALIZATION		High school graduate		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A		
YEAR REGISTERED	N/A	DISCIPLINE	N/A	
Contract role(s) / brief description of responsibilities	Jammie has been drilling with GeoEngineers for more than 15 years and is very experienced with safely handling our drilling equipment, collecting quality samples and working well with his crew and loggers. Some of the skills he has acquired through his work on almost every project he has performed include: site access (understands that access to the site is important and in case of an emergency, ensures there is a clear path available); traffic safety (experience coordinating with local law enforcement and confirming traffic warning signs and cones are in place for safety of the public and crew); collection of quality samples (importance of obtaining quality samples using proper equipment for project design and implementation); safety (aware of potential dangers in the environment, and takes necessary steps to mitigate any dangers; environmental (knowledgeable of state laws and regulations pertaining to grouting boreholes, materials and grout mixture to use to refill boreholes properly, and ensures that sites are free of trash, debris, oils and other harmful materials); and operating and maintaining equipment (able to operate Failing 1500 truck drill rigs, Failing 1500 skid drill rig, and Ardco K 1000 ATV Rig, among others). Jammie will provide GEOTECHNICAL FIELD INVESTIGATIONS & CONSTRUCTION MONITORING services for this project.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
11/2024 - Ongoing	LADOTD, BONNE IDEE ROAD BRIDGE Bonita, LA Geotechnical Field Investigator/Driller. The project consisted of subsurface investigations and laboratory testing services to determine the soil conditions at the bridge's site and the preparation of final boring logs in LA DOTD format. Jammie was involved in the geotechnical field testing and operates the drilling equipment while safely collecting soil samples.			
07/2024 - Ongoing	LADOTD, HOSSTON ROAD OVER KELLY BAYOU Hosston, LA Geotechnical Field Investigator/Driller. GeoEngineers performed geotechnical explorations in support of the preparation for the rehabilitation of the 150-ft wooden bridge on Hosston River Road (Parish Rd 156) over Kelly Bayou near Hosston in Caddo Parish, LA. Jammie safely utilized drilling equipment to collect data that analyzes soil conditions. GeoEngineers drilled a total of two soil borings using a truck-mounted rotary washbore drill rig and conducted associated laboratory testing.			
04/2024 - Ongoing	LADOTD, P3 I-10 CALCASIEU RIVER BRIDGE Lake Charles, LA Geotechnical Field Investigator/Driller. Jammie is operating the drilling equipment and assisting with the geotechnical explorations for this historic public-private partnership (P3) that will redesign and renovate a six-mile stretch of I-10 running through Lake Charles—including the Calcasieu River Bridge itself, which has been outdated for decades. The finished project aims to improve traffic capacity with three through lanes in each direction, and renovate interchanges, shoulders, and bridges through the I-10 corridor to meet modern engineering standards and transportation needs. GeoEngineers' scope includes geotechnical design for bridge foundations, embankment slopes and retaining walls, lab testing, drilling, construction monitoring, and environmental support to deal with explorations within a known contamination plume.			
02/2024 - 08/2024	LAFAYETTE CONSOLIDATED GOVERNMENT, VEROT SCHOOL ROAD BRIDGE REPAIRS Lafayette, LA Geotechnical Field Investigator/Driller. Jammie assisted with the drilling operations and field exploration in this soil nail design and road embankment slope analysis. He has assisted with soil collecting and sampling to contribute to the lab testing data generation and technical analysis for report preparation.			

FIRM EMPLOYED BY		GeoEngineers, Inc.		
NAME	David Eley, PE, MS	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	19	
TITLE	Principal Geotechnical Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	16	
DEGREE(S) / YEARS / SPECIALIZATION		MS 1991 Civil Engineering // BS 1989 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 26373 LA 09/30/2027		
YEAR REGISTERED	1995	DISCIPLINE	Civil Engineer	
Contract role(s) / brief description of responsibilities	David is a GeoEngineers principal with 35 years of experience in geotechnical engineering, construction management and project management, including a couple years working in the LA DOTD Road Design section. David has extensive experience with overseeing geotechnical laboratories and enforcing quality testing protocols and standards for projects ranging from marsh creation to critical transportation projects. He has completed settlement, pile capacity, pavement design and bearing capacity calculations for numerous projects; also including calculations, recommendations for site fill and grading, excavation safety and other construction issues. Along with transportation projects, additional projects have been listed below where the analysis is applicable to geotechnical aspects of transportation projects. David will provide GEOTECHNICAL/LABORATORY TESTING services for this project.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
02/2021 - 11/2021	CPRA, PHOENIX MARSH CREATION - EAST & WEST INCREMENTS PROJECT (BS-0042 & BS-0044) Plaquemines Parish, LA Lab Supervisor. David was the lab supervisor, where he oversaw the laboratory assignments and testing operations of the project, based on the soil collection. The objective of the East Increment is to create and nourish approximately 392 acres of marsh, and the objective of the West Increment is to create and nourish approximately 411 acres of marsh by hydraulically dredging material from a borrow source located in the Mississippi River. This material will be placed in designated marsh creation areas formed by constructing earthen containment dikes around the perimeter. GeoEngineers performed field explorations and investigations by drilling 13 soil borings using an airboat-mounted drill rig using mud-rotary techniques. Upon completion, each borehole was backfilled full-depth with cement-bentonite grout in accordance with Louisiana requirements. GeoEngineers also completed 33 CPT soundings to a depth of 40 feet bml using an airboat-mounted hydraulic jack to push the cone and grout the CPTs upon completion. Along with the laboratory testing, GeoEngineers provided subsequent engineering design for the marsh creation project.			
07/2014 - 05/2022	CPRA, CAMERON MEADOWS MARSH CREATION AND TERRACING (CS-66) Cameron Parish, LA Lab Supervisor. David served as the lab supervisor and oversaw the geotechnical services for this multi-faceted project that included marsh creation, terraces, a water control culvert structure, and an underground highway crossing for a hydraulic fill pump line. A combination of soil borings and CPTs were used to assess the site along with laboratory testing. David oversaw laboratory operations and assignments, while also determining the proper testing and protocols based on sample collection. GeoEngineers identified a geologic fault near the proposed water control structure and re-located the structure to avoid settlement problems associated with the fault. Design elements of the project included slope stability and settlement for terraces and containment dikes, settlement estimates for hydraulic fill, recommendations for trenchless technologies to install the underground highway crossing, erosion protection for the culvert outlets and recommendations regarding pile capacity and seepage for the culvert structure.			
02/2013 - 04/2013	LA DOTD, I-49/US90 WIDENING OVER LA182 AND BNSF RAILROAD Lafayette, LA Lab Supervisor. GeoEngineers was involved in a LA DOTD widening project in preparation for upgrading US90 to I-49 from Albertson Road to Ambassador Caffery where David assisted with executing field exploration program, including the laboratory testing and technical analysis. Along with conducting bridge and roadway borings, Dave supervised the laboratory test specification and report generation based on data from the tests. GeoEngineers completed 119 borings for the project on a fast-track schedule utilizing multiple drill rigs to meet the deadline.			
08/2012 - 07/2015	LA DOTD, I-210 AT COVE LANE INTERCHANGE Lake Charles, LA Lab Supervisor. David assisted with development of the schedule and cost estimate for this fast-track design and construction project in support of the proposed Interchange on I-210 at Cove Lane. As the lab supervisor, David helped organize laboratory testing assignments and coordinated a field investigation including multiple simultaneous drilling and CPT rigs, with lane closures and traffic control.			
03/2013 - 06/2013	NEW WAREHOUSE Addis, LA Lab Supervisor. As the lab supervisor, David drilled soil borings, assigned laboratory tests, and completed a geotechnical engineering evaluation used by design-build contractor to design the foundation system for a 500 by 400 foot warehouse. He also was responsible engineer for construction monitoring work including monitoring/documenting site fill, auger-cast pile construction, road construction, and concrete work.			

FIRM EMPLOYED BY		GeoEngineers, Inc.		
NAME	Dustin Blanchard	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	2	
TITLE	Laboratory Manager	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	0	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2005 Business Marketing		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A		
YEAR REGISTERED	N/A	DISCIPLINE	N/A	
Contract role(s) / brief description of responsibilities	Dustin manages our Baton Rouge geotechnical laboratory and the four staff that help him run the lab. His deep understanding of lab procedures and process improvement has enabled the Baton Rouge lab to improve quality, build efficiency and significantly reduce its backlog. Dustin maintains records for all calibrations, test forms, and other documentation that may be required in order to keep the lab in good standing. The lab currently holds an AASHTO accreditation, as well as a DEQ accreditation, and an USACE Laboratory validation. Dustin is also a key member of our company team assigned to manage our soil testing database and associated upgrades and changes. Dustin has been instrumental in making the following improvements to the GeoEngineers lab: • Increased testing efficiency while improving result quality by optimizing soil testing processes with the assembly line model. • Reduced idle time by strategically placing laboratory stations and equipment in proximity to its relevant test. • Increased technician productivity by alternating work schedules and creating a positive team-oriented laboratory culture Dustin provides GEOTECHNICAL/LABORATORY TESTING services for this project.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
01/2024 - 06/2024	LAFAYETTE CONSOLIDATED GOVERNMENT, VEROT SCHOOL RD BRIDGE REPAIR PROJECT Lafayette, LA Lab Testing Manager. Dustin oversaw all laboratory testing and reporting in this soil nail design and road embankment slope analysis. He has managed the project from field exploration to lab testing, technical analysis and report.			
04/2022 - Ongoing	LADOTD, P3 I-10 CALCASIEU RIVER BRIDGE GEOTECHNICAL ENGINEERING SERVICES Lake Charles, LA Lab Testing Manager. Dustin oversaw the laboratory testing and reporting for this historic public-private partnership (P3) that will redesign and renovate a six-mile stretch of I-10 running through Lake Charles—including the Calcasieu River Bridge itself, which has been outdated for decades. The finished project aims to improve traffic capacity with three through lanes in each direction, and renovate interchanges, shoulders, and bridges through the I-10 corridor to meet modern engineering standards and transportation needs. GeoEngineers' scope includes geotechnical design for bridge foundations, embankment slopes and retaining walls, lab testing, drilling, construction monitoring, and environmental support to deal with explorations within a known contamination plume.			
10/2021 - Ongoing	LA CPRA, EAST ORLEANS LANDBRIDGE RESTORATION (PO-191) Orleans Parish, LA Lab Testing Manager. GeoEngineers is conducting engineering analyses by review of field and laboratory data and selection of design soil parameters. This Project will create approximately 1,563 acres of marsh which will be created and nourished by hydraulically dredging material from two potential locations – Lake Pontchartrain and Lake St. Catherine. The fill areas will be formed by constructing earthen containment dikes around the boundaries of each marsh creation area (MCA). Dustin is conducting the laboratory and testing for this project.			

FIRM EMPLOYED BY		Surveying and Mapping, LLC (formerly SJB Group, LLC)		
NAME	Ralph Burgess, PLS	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	<1	
TITLE	Surveyor/Surveyor Department Manager	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	26	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2004 Industrial Technology Design		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PLS No.0005040 LA 09/30/2026		
YEAR REGISTERED	2010	DISCIPLINE	Surveying	
Contract role(s) / brief description of responsibilities	Ralph has 26 years of experience and serves as Survey Department Manager for Surveying and Mapping, LLC (formerly SJB Group). He will provide TOPOGRAPHIC/BATHYMETRIC/BOUNDARY SURVEY AND RIGHT-OF-WAY MAPPING services for this contract. Ralph meets the following Minimum Personnel Requirements (MPRs) as specified in the advertisement: 6, 7			
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).			
09/2025 – 01/2026	LA DOTD PROJECT NO. H.000112 US 190: UPRR OVERPASS Opelousas, LA Surveyor of Record/Project Manager. Managed topographic surveys for the I-49 and UPRR Railroad Bridge in Opelousas, as well as the US 190 and Bayou Teche Bridge replacements. Oversaw crew coordination, topography work, review and integration of Mobile LiDAR data. Traditional Field work and coordination of SUE.			
08/2025 – 01/2026	LA DOTD PROJECT NO. H.015852 LA HWY 403 (PAINCOURTVILLE) Surveyor of Record/Project Manager. Mr. Burgess provided overall oversight and professional responsibility, ensuring all survey activities were conducted in accordance with applicable standards and regulations. Supervised field and office personnel, reviewed survey data, and approved final plats, maps, and deliverables for accuracy and completeness. Coordinated with LA DOTD, design engineers, and stakeholders to ensure project requirements, schedules, and budgets were met. Ensured compliance with ADA guidelines, right-of-way constraints, and design criteria throughout the project. Maintained accountability for quality control, documentation, and the successful delivery of the project.			
08/2025 – 11/2025	LA DOTD PROJECT NO. H.015860 LA 1 & LA 308 SIDEWALKS Surveyor of Record/Project Manager. Maintained accurate project records, including survey data, plats, and documentation to support design development. Coordinated with design engineers to assist in sidewalk alignment, grading, and ADA compliance requirements. Managed project documentation, schedules, and communication to ensure timely delivery and consistency with LA DOTD standards. Performed quality control checks to verify accuracy and completeness of survey information and project records.			
03/2025 – 10/2025	CITY OF LAFAYETTE PROJECT NO. 25-1130-0013 – DOUCET ROAD SIDEWALKS Lafayette, LA Surveyor of Record/Project Manager. Performed field surveys to collect topographic data, right-of-way limits, and existing utilities along Doucet Road. Prepared and maintained project records, including survey notes, exhibits, and documentation for design coordination. Coordinated with engineering team to support sidewalk layout, grading, and ADA compliance. Managed project files, schedules, and correspondence to ensure accurate tracking of progress and deliverables. Conducted quality control reviews to verify survey accuracy and consistency with City of Lafayette standards.			
08/2024 – Ongoing	LA DOTD PROJECT NO. H.003931 – I-10 CALCASIEU RIVER BRIDGE P3 PROJECT Calcasieu Parish, LA Department Manager. SJB Group provided an additional Topographic Survey and Right-of-Way Mapping for this project, which is the largest in LA DOTD history. This project covers a 5.5 mile stretch of Interstate 10 and includes 15 bridges and 19 ramps. The topographic survey component of the project include recovery and verification of existing control, preparation of the primary and secondary control sketch, supplemental topographic survey and dtm preparation.			
09/2023 – 12/2023	LA DOTD PROJECT NO. H.015619.5 LA 106 Evangeline Parish, LA Survey Manager/Responsible Charge. This project involved an 8-mile pavement preservation for District 03. It primarily had limited topography with some areas requiring full topography according to LaDOTD standards. Mr. Burgess worked with the district to finalize survey scoping, managed and directed the topographic survey, and coordinated with local utility companies for asset locations in areas needing full topography. Upon project completion, Mr. Burgess conducted a comprehensive quality control and assurance review of the topography submittal. The topographic data was gathered using traditional methods.			

03/2022 – 09/2022	LA DOTD PROJECT NO. H.010960.5-2 ROUNDABOUTS AT LA 182 Lafayette, LA Surveyor of Record/Project Manager. Mr. Burgess completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
08/2021 – 04/2024	LA DOTD PROJECT NO. H.011833.5 ST. MARY STREET SIDEWALKS Scott, LA Surveyor of Record/Project Manager. Mr. Burgess completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal will be in accordance with latest LADOTD Location and Survey standards.
07/2020 – 04/2021	LA DOTD PROJECT NO. 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, LA Surveyor of Record/Project Manager. Working 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. This included merging of data from a previous survey on one portion of the site and field verifications of that data. The topographic data for this project was collected traditionally.
01/2018 – 01/2020	LA DOTD PROJECT NO. H.004100 I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12 West and East Baton Rouge, LA Surveyor of Record/Project Manager. Working 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.
10/2015 – 01/2016	LA DOTD H.011773 HANKS DR/LANDIS DRIVE PEDESTRIAN IMPROVEMENTS East Baton Rouge Parish, LA Surveyor of Record / Project Manager. The project included the completion of Property Surveys, base Right-of-Way Maps, and final Right-of-Way Maps that were required for the project. Responsible for field crew coordination, review of title takeoff & title reports, review of Right-of-Way calculations, review production of maps, final QA/QC, and final deliverables to the Client. The Surveys were performed to LA DOTD Location and Survey Standards.

FIRM EMPLOYED BY		Surveying and Mapping, LLC (formerly SJB Group, LLC)		
NAME	Matthew Estopinal, PE, PLS	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	4	
TITLE	CEO/Principal	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	15	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2009 Civil Engineering; BS 1996 Microbiology		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 39151 Louisiana 03/31/2027 PLS No. 4955 Louisiana 03/31/2027		
YEAR REGISTERED	2014 (PE) 2006 (PLS)	DISCIPLINE	Civil Engineering Surveying	
Contract role(s) / brief description of responsibilities	Mr. Estopinal has 19 years of experience as a PLS in Louisiana managing transportation and community development-related projects for private clients, MoveBR, and LA DOTD. His survey experience includes Boundary, Topographic, As-Built and ALTA Surveys, Right-of-Way Mapping, Construction Layout, and control for aerial survey and mapping. Matthew will provide TOPOGRAPHIC/BATHYMETRIC/BOUNDARY SURVEY services for this project.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
08/2024 - Ongoing	LA DOTD PROJECT NO. H.003931 - I-10 CALCASIEU RIVER BRIDGE P3 PROJECT LA Survey Support/ QA/QC. SJB Group provided an additional Topographic Survey, a Property Survey and Right-of-Way Mapping for this project which is the largest in LADOTD history. This project covers a 5.5 mile stretch of Interstate 10 and includes 15 bridges and 19 ramps. Mr. Estopinal assisted with title research and boundary analysis, overseeing field activities and supervising the preparation of the primary control sketch, property survey and base right-of-way maps, providing QA/QC for all activities.			
07/2021 - 10/2023	LA DOTD PROJECT NO. H.004100.5 - I-10: LA 415 TO ESSEN ON I-10 AND I-12 LA QA/QC. SJB Group provided a Property Survey and Right-of-Way Mapping for approximately 4 miles of I-10 as well as multiple intersecting streets, for which a property map was created that encompassed the parcels affected by acquisition and accessibility.			
11/2023 - Ongoing	MOVE ASCENSION PROJECT NO. 22-04 LA 73 AT CORNERVIEW ROUNDABOUT LA Surveyor of Record. This project requires a Topographic Survey, Geotechnical Investigations, Right-of-Way Mapping, Drainage Design, and Subsurface Utility Engineering (SUE). A property survey and title takeoff are required for each parcel along the corridor for preparation of the Base and Final Right of Way Maps.			
08/2020 - 04/2024	LA DOTD 44-17597 - RURAL BRIDGE REPLACEMENT INITIATIVE, DISTRICTS 03, 07, 61, 62 LA QA/QC. SJB Group performed topographic surveying, property surveying, right-of-way maps, and roadway design of 33 bridge replacements in Districts 03, 07, 61, and 62 as a sub-consultant to Burk-Kleinpeter within their contract with LA DOTD. The Surveys were provided in accordance with the current Locations and Survey Manual and Addendum A.			
04/2023 - 09/2023	LA DOTD PROJECT NO. H.017322.5 - MORGAN CITY SIDEWALKS & SHARED USE PATH St. Mary Parish, LA QA/QC. Sub to Digital Engineering. This project included Right-of-Way Mapping, Topographic Surveying, and Subsurface Utility Engineering to assist in the installation of handicapped ramps, drainage structures, and sidewalk improvements. This project included sidewalk and crosswalk evaluations, and design improvements to ADA Standards.			
03/2022 - 08/2023	LA DOTD PROJECT NO. H.012685.5 - LA 385: RYAN STREET INTERSECTION IMPROVEMENTS LA QA/QC. Topographic Survey in Calcasieu Parish near the intersection of I-210 and LA 385 near the campus of McNeese State University. The survey data was collected utilizing mobile lidar methodologies and supplemented by conventional data collection in specified areas			
07/2021 - 02/2022	LA DOTD PROJECT NO. H.013715.5 - LA 77 UNION PACIFIC RAILROAD CROSSING (IBERVILLE) LA QA/QC. This project consisted of Property Surveying, Right-of-Way Mapping and Topographic Surveying for a project that included the depiction of a railroad right-of-way, state-maintained highway, and city streets. The project included preparation of a Property Map, Base Right-of-Way Maps, Final Right-of-Way Maps and the creation of a parcel input file for acquisition descriptions of the subject area.			
07/2021 - 08/2022	LA DOTD PROJECT NO. H.002176.50 - LA 10 BRIDGES LA QA/QC. The LA 10 Bridges project in St. Landry Parish included Property Surveying and Right-of-Way Mapping for three sites. The property survey depicted the affected properties, the existing Right-of-Way for LA Hwy 10, and multiple state-claimed water bodies.			

FIRM EMPLOYED BY		Surveying and Mapping, LLC (formerly SJB Group, LLC)		
NAME	Daniel Biggs	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	2	
TITLE	Party Chief	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	11	
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	Daniel has 13 years of experience and serves as Party Chief for Surveying and Mapping, LLC (formerly SJB Group). He will provide TOPOGRAPHIC/BATHYMETRIC/BOUNDARY SURVEY services for this contract			
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).			
09/2025 - 12/2025	OFFICE OF LOUISIANA HIGHWAY CONSTRUCTION BRIDGE BUNDLE 6 - O.B.2025.03.048 Vermilion Parish, LA Party Chief. This project is a complete topography and property survey for seven bridges. Responsibilities included coordination with crews, processing of control and topography, calculating property and right of way, and creating survey control, topographic survey, and property survey packets for submittal and review by supervising professional.			
09/2025 - 10/2025	LA DOTD PROJECT NO. H.015860 LA 1 & LA 308 SIDEWALKS LA Party Chief. Responsible for supervising crew members in the collection of topographic data and utility locations. Established and verified control points to ensure accuracy of all survey measurements and layout. Managed daily field activities, including staking for proposed sidewalks in accordance with project plans and ADA requirements. Ensured proper documentation and performed quality checks to maintain compliance with LA DOTD standards.			
07/2025 - 08/2025	LA DOTD PROJECT NO. H.015852 LA HWY 403 (PAINCOURTVILLE) LA Party Chief. Directed crew members into the collection of topographic data, utility locations, and roadway features. Oversaw daily field activities, including data collection, staking, and layout for proposed sidewalks in accordance with design plans and ADA requirements. Ensured proper documentation of field notes and maintained equipment functionality. Performed on-site quality control to confirm that all survey work met LA DOTD standards and project specifications.			
10/2023 - 12/2024	LA DOTD PROJECT NO. H.012052 LA 3092 GAUTHIER ROAD @ LAKE STREET ROUNDABOUT LA Party Chief. The project was performed for construction of a new roundabout at the intersection of LA 3092 (Gauthier Road) and Lake Street in Calcasieu Parish. A property survey was necessary for each required parcel for the preparation of a right-of-way map set. The project included the determination of the existing right-of-way of the subject roadways and property analysis.			
03/2025 - 10/2025	CITY OF LAFAYETTE PROJECT NO. 25-1130-0013 - DOUCET ROAD SIDEWALKS LA Party Chief. Directed field survey operations for topographic surveys per DOTD standards, ensuring accurate establishment of centerlines, benchmarks, and survey control using GPS observations. Responsibilities included supervising crew activities, running traverses, staking centerlines, and verifying utility locations within construction limits. The Party Chief ensured compliance with the DOTD Location and Survey Manual, coordinated with project managers, and reviewed field data for accuracy prior to submission.			
11/2023 - 04/2025	LA DOTD PROJECT NO. H.15487.5 - NEW ORLEANS PEDESTRIAN IMPROVEMENTS LA Party Chief. This project included a Topographic Survey of fifty-five intersections in the downtown area of New Orleans, LA. The purpose of the project was to upgrade and construct pedestrian sidewalk crossings to ADA standards. The field data was collected via Mobile LiDAR Scanning utilizing a Trimble MX -50 and supplemented with conventional survey methods.			

FIRM EMPLOYED BY		Surveying and Mapping, LLC (formerly SJB Group, LLC)		
NAME	Tyler Foster	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	10	
TITLE	CADD Technician	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	0	
DEGREE(S) / YEARS / SPECIALIZATION		AS 2016 Drafting and Design Technology		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A		
YEAR REGISTERED	N/A	DISCIPLINE	N/A	
Contract role(s) / brief description of responsibilities	Mr. Foster is involved with the preparation of boundary surveys, right-of-way maps, topographic surveys, utility mapping, stakeout computations, and as-built survey maps. Additionally, he has experience in the preparation of SUE field sketches, electronic drawings, Quality Level B deliverable maps, and Quality Level "A" test hole data forms. He has experience in design and drafting using CAD design software packages as well as MicroStation InRoads. Mr. Foster will provide RIGHT-OF-WAY MAPPING services for this contract.			
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).			
08/2024 - Ongoing	LA DOTD PROJECT NO. H.003931 - I-10 CALCASIEU RIVER BRIDGE P3 PROJECT LA CADD Technician. SJB Group provided an additional Topographic Survey, a Property Survey and Right-of-Way Mapping for this project which is the largest in LAD-OTD history. This project covers a 5.5 mile stretch of Interstate 10 and includes 15 bridges and 19 ramps. SJB Group performed title research and boundary analysis, for the property survey and base right-of-way maps. Additionally, the primary control (by others) was verified for the preparation of the survey control drawing.			
07/2021 - Ongoing	LA DOTD PROJECT NO. H.004100 - I10: LA 415 TO ESSEN Baton Rouge, LA CADD Technician. This project which included a property survey and extensive right-of-way mapping for approximately 4 miles of I-10 as well as multiple intersecting streets, for which a property map was created that encompassed the parcels affected by acquisition and accessibility.			
08/2020 - 04/2024	LA DOTD 44-17597 - RURAL BRIDGE REPLACEMENT INITIATIVE, DISTRICTS 03,07, 61,62 LA CADD Technician. Provided CADD support for a topographic survey, property survey, right-of-way mapping, and roadway design for bridge replacements in Districts 03, 07, 61, and 62. The project deliverables included both electronic MicroStation files, along with matte prints.			
10/2023 - 12/2024	LA DOTD PROJECT NO. H.00.5121 - LA 1 - LA 415 CONNECTOR West Baton Rouge Parish, LA CADD Technician. Provided CADD support for the collection of field data for design of a roadway to connect LA 415 to LA 1. The project was a Topographic Survey and Hydrographic Survey for road construction to provide additional interstate highway access. The survey was provided in MicroStation drawing formats.			
07/2022 - 12/2022	LA DOTD PROJECT NO. H.013715.5 - LA 77 UNION PACIFIC RAILROAD CROSSING (IBERVILLE) LA CADD Technician. This project included Property Surveying, Right-of-Way Mapping and Topographic Surveying for a project that included the depiction of a railroad right-of-way, state-maintained highway, and city streets. The deliverables included preparation of a Property Map, Base Right-of-Way Maps, Final Right-of-Way Maps and the creation of a parcel input file for acquisition descriptions of the subject area.			
03/2022 - 04/2023	LA DOTD PROJECT NO. H.009300.5 - HOOPER ROAD WIDENING (LA 3034 - LA 37) LA CADD Technician. This project included a topographic survey for LA DOTD on the Hooper Road widening project. This project included the segment of Hooper Road from LA 2024 to Greenwell Springs Road (LA 37). The project was provided in La DOTD MicroStation electronic submittal format.			
04/2021 - 11/2023	LA DOTD PROJECT NO. H.002244 LA 56 BOUDREAUX CANAL MB REPLACEMENT LA CADD Technician. The project was performed for the removal and replacement of bridge structures and construction of a diversion bridge located along LA 56 in Terrebonne Parish between the Town of Chauvin, LA and Cocodrie, LA. The project consisted of performing title takeoffs, a property survey and producing a right-of-way map set.			
10/2023 - 12/2024	LA DOTD PROJECT NO. H.012052 LA 3092 GAUTHIER ROAD @ LAKE STREET ROUNDABOUT LA CADD Technician. The project was performed for construction of a new roundabout at the intersection of LA 3092 (Gauthier Road) and Lake Street in Calcasieu Parish. A property survey was necessary for each required parcel for the preparation of a right-of-way map set. The project included the determination of the existing right-of-way of the subject roadways and property analysis.			

FIRM EMPLOYED BY		Surveying and Mapping, LLC (formerly SJB Group, LLC)	
NAME	Karen Kennedy, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	4
TITLE	Senior Project Manager	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	30
DEGREE(S) / YEARS / SPECIALIZATION		BS 1995 Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 28547 Louisiana 09/30/2027	
YEAR REGISTERED	1999	DISCIPLINE	Civil Engineer
Contract role(s) / brief description of responsibilities	Ms. Kennedy has over 30 years of experience as a licensed civil engineer working in both the municipal and private sectors. Ms. Kennedy has completed infrastructure improvement, site development and subsurface utility engineering (SUE) projects for LA DOTD, MoveBR, and other local entities and private developers. She has a thorough knowledge of the Subsurface Utility Engineering CI/ASCE Standard 38-22. Mrs. Kennedy will provide SUE AND UTILITY RELOCATIONS services for this contract. She meets the following Minimum Personnel Requirements (MPRs) as specified in the advertisement: 8		
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).		
08/2024 - Ongoing	LA DOTD PROJECT NO. H.003931 CALCASIEU RIVER BRIDGE PUBLIC-PRIVATE PARTNERSHIP PROJECT LA Utility Coordinator. SAM, LLC is providing Utility Coordination for the I-10 Calcasieu River Bridge project—LADOTD's largest to date. Coordination supports utility relocations in a dense industrial corridor, ensuring timely construction and budget compliance throughout project duration.		
11/2020 - 06/2024	STATE PROJECT NO. H.013029 CONTROL SECTION NO. 454-01 I-12 @ SHERWOOD FOREST PED/BIKE SAFETY LA Engineer of Record. This project consisted of a topographic survey, utility investigation and engineering design for multiuse paths on both sides of S. Sherwood Forest Boulevard extending from S. Harrell's Ferry Road northward to Old Hammond Hwy. The project aimed to not only improve pedestrian and bicycle mobility by connecting to the existing bike lanes north of Old Hammond Hwy but also had a goal of improving pedestrian safety especially at interstate interchanges. Working with MOVEBR and LA DOTD, SJB along with Gresham Smith developed appropriate pedestrian crossings to minimize impact on vehicular traffic, while also greatly enhancing overall safety. The project is the first of its kind for this type of interstate crossing in Baton Rouge and the surrounding regions.		
02/2023 - 05/2025	EAST BATON ROUGE PARISH FLOOD RISK REDUCTION PROJECT ON JONES CREEK CHANNEL IMPROVEMENTS East Baton Rouge Parish, LA Engineer of Record. This project required Quality Level "B" Subsurface Utility Engineering including all subsequent Quality Levels for approximately 4.2 miles of channel improvements along upper Jones Creek and several of its tributaries. SJB Group assisted in development of the project scope to meet all the needs for completion of this critical project. Extensive records research was performed to note all utilities throughout the project limits. Quality Level "B" designating was performed at all bridge crossings along the channel to locate all utility lines. In addition, any standalone utility lines discovered during records research that intersected the channel were investigated to achieve Quality Level "B" data. SJB Group was also tasked with providing Utility Coordination during the design phases of the project.		
08/2021 - 04/2024	CITY/PARISH PROJECT NO. 20-CP-HC-0044 - MOVEBR WIDENING OF LEE DRIVE (HIGHLAND TO PERKINS) SUE Engineer. This project involved ASCE 38-02 Quality Level C SUE services for all utilities within the project corridor as a sub-consultant. Prior to Quality Level C services, extensive Quality Level D records research was completed to aid in the subsequent SUE design. This corridor is heavily congested with utilities making the accurate location of such a critical part of the ultimate design of the project.		
10/2022 - 05/2023	CITY-PARISH PROJECT NO. 20-CP-US-0100 - MOVEBR AIRLINE HIGHWAY, NORTH (FLORIDA BLVD TO INTERSTATE I-110) LA SUE Department Manager/Engineer of Record. SJB Group completed ASCE 38-02 Quality Level D services for the project as a sub-consultant to Huval & Associates. There is a heavy congestion of utilities within these project limits and identification of utility owners and approximate locations is critical to the preliminary design of the project.		
08/2022 - 09/2023	LA DOTD TASK ORDER NO. H.001820.5-3 - LA 485 BRIDGES NEAR ALLEN CONSTRUCTION INSPECTION LA SUE Project Manager. SJB Group provided construction coordination and monitoring for the relocation of three water mains in conflict with the project alignments at three bridge locations.		



04/2022 – 03/2023	CITY-PARISH PROJECT NO. 20-CP-US-0100 – MOVEBR AIRLINE HIGHWAY, SOUTH (PARISH LINE TO BLUEBONNET BLVD) LA SUE Department Manager/Engineer of Record. SJB Group completed ASCE 38-02 Quality Level D services for the project. There is a heavy congestion of utilities within these project limits and identification of utility owners and approximate locations is critical to the preliminary design of the project.
04/2022 – 11/2022	LADOTD PROJECT NO. H.013797 LA 30: EBR PL- I-10 LA SUE Department Manager/Engineer of Record. Sub to Michael Baker. SJB Group was contracted to provide Property Surveys, GIS, LiDAR Scanning, and SUE as a sub-consultant to Michael Baker to further the feasibility studies of the LA 30 corridor from the East Baton Rouge Parish Line to I-10 in Gonzales. This corridor is a key industrial corridor for rail and freight traffic and needs significant additional roadway capacity. Careful planning was required to ensure a successful project addressing all potential impacts including existing utilities which is often the driving factor in the design of a project. This project required ASCE 38-02 Quality Level “D” services throughout the entire project limits. Due to the significant number of pipelines within the corridor, SJB Group also conducted field observations to determine the order of the pipelines within the right-of-way. These field observations of pipeline markers resulted in several additional pipelines being identified beyond the records that were received.
05/2021 – Ongoing	CITY/PARISH PROJECT NO. 20-CP-HC-0034 – MOVEBR JEFFERSON AT CORPORATE INTERSECTION LA SUE Engineer of Record. Sub to Buchart Horn. This project involved a Topographic Survey, Property Survey, Right-of-Way maps, and Quality Level C and Quality Level B SUE services for all utilities of the Jefferson Hwy and Bluebonnet intersection. Anticipated utilities were water, gas, telephone, cable, and fiber optic. Prior to Quality Level A and B services, extensive Quality Level D records research was completed to aid in the subsequent design.
01/2022 – 06/2022	CITY PARISH PROJECT NO. 21-DR-LA-0095 – DAWSON CREEK AT HUNDRED OAKS AND BROUSSARD BRIDGES LA SUE Engineer of Record. Sub to Forte & Tablada, Inc. This project involved subsurface utility engineering and utility surveying for the proposed Dawson Creek at Hundred Oaks and Broussard Bridges. This project required ASCE 38-02 Quality Level A and B SUE services for all utilities within the project limits. The accurate location of these facilities was critical for the ultimate design of the bridge infrastructure included in this project as existing utilities were within the footprint of the new bridge bents and pile locations.
11/2021 – 03/2022	PROJECT NO. 20-2057 – LA 30 ROUNDABOUTS SUBSURFACE UTILITY INVESTIGATION (TANGER MALL AND I-10) LA SUE Engineer of Record. This project involved ASCE 38-02 Quality Level A SUE and utility surveying to identify utility conflicts for all utilities owned by the City of Gonzales and the proposed LA 30 Roundabouts at Tanger Mall and I-10 in Ascension Parish. Prior to Quality Level A services, extensive Quality Level D records research was completed to aid in the subsequent SUE design. This effort required detailed record research, field investigations and data management. The accurate location of these utilities was critical to alleviate disruptions to utility services and conflicts and delays to the construction of the project in this heavily congested area.
08/2021 – 02/2022	LA DOTD PROJECT NO. H.012851 – UP RR CORRIDOR (PLAQUEMINE) LA SUE Engineer of Record. This project involved Quality Level B, C, and D subsurface utility engineering and utility surveying as well as a Topographic Survey for the project located in Iberville Parish along the Union Pacific Railroad Corridor between the intersection of LA 1 and Bayou Road and the intersection of Belleview Drive and Railroad Avenue. Anticipated utilities were water, gas, telephone, cable, and fiber optic. This was heavily congested corridor with limited existing utility records.

FIRM EMPLOYED BY		Surveying and Mapping, LLC (formerly SJB Group, LLC)		
NAME	John "Trey" Savoie, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	<1	
TITLE	SUE Department Manager	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	23	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2003 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 33744 LA 09/30/2026		
YEAR REGISTERED	2008	DISCIPLINE	Civil Engineering	
Contract role(s) / brief description of responsibilities	Trey has 24 years of experience and serves as SUE Department Manager (Subsurface Utility Engineering) for Surveying and Mapping, LLC (formerly SJB Group). He will provide SUE AND UTILITY RELOCATION services for this contract			
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).			
03/2026 - Ongoing	LA DOTD PROJECT NO. H.005121.5 - LA1 - LA415 CONNECTOR TO INTERSTATE 10 Baton Rouge, LA Senior Project Engineer. Sub to TRC. Coordinated Subsurface Utility Engineering (SUE) services to identify utility conflicts, required relocations, extensions, and service connections. Supported demolition and construction activities through utility coordination. Integrated utility solutions into site development plans to support constructability, schedule, and compliance with project requirements.			
03/2023 - 06/2024	COMITE DIVERSION CANAL Baton Rouge, LA Technical Services Engineer. Identifies conflicts involving transmission and distribution water mains requiring relocation to accommodate canal crossings. Coordinates the engineering design for relocating and boring mains beneath the canal, ensuring structural integrity and regulatory compliance. Collaborates with design teams, contractors, and agencies to integrate bored installations into project plans while maintaining uninterrupted service.			
01/2020 - 06/2025	LA DOTD PROJECT - I-10 WIDENING Baton Rouge, LA Technical Services Engineer. Identifies conflicts between existing water mains, services, and infrastructure impacted by the I 10 widening project. Determines required adjustments and coordinates the design of water main and service relocations to support highway construction while maintaining service continuity. Works with DOTD, parish agencies, consultants, and contractors to integrate utility relocations into the I 10 widening plans and construction schedule.			
09/2019 - 06/2025	MOVEBR - OLD HAMMOND HWY Baton Rouge, LA Technical Services Engineer. Identifies conflicts between existing water mains, services, and proposed parish-wide roadway improvements through plan review and field coordination. Determines necessary adjustments and coordinates the design of water main and service relocations to maintain system integrity and service continuity. Serves as a technical liaison with parish engineers, consultants, and contractors to integrate utility relocations into roadway projects with parish-wide road improvements.			
12/2016 - 06/2018	NICHOLSON GATEWAY PROJECT Baton Rouge, LA Project Engineer. Coordinated Subsurface Utility Engineering (SUE) services to identify existing utilities and determine conflicts, relocations, extensions, and service connections. Supported site development activities through demolition and construction phases. Integrated utility coordination findings into site development plans to support constructability and project execution			

FIRM EMPLOYED BY		Surveying and Mapping, LLC (formerly SJB Group, LLC)		
NAME	Zachary Bellone	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	1	
TITLE	CADD Technician	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	18	
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	Zachary has 18 years of experience and serves as a CADD Technician for Surveying and Mapping, LLC (formerly SJB Group). He will provide SUE AND UTILITY RELOCATION services for this contract.			
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).			
09/2025 - 01/2026	LA DOTD PROJECT NO. H.000112 US 190: UPRR OVERPASS LA CADD Technician. This project is a complete topography for the I-49 and the UPRR Railroad Bridge in Opelousas. This also included topography for the US 190 and Bayou Teche Bridge Replacement. Responsibilities included coordination with crews, topography, reviewing and importing of Mobile LiDAR data, and creating topographic surveys, packet for submittal and review by supervising professionals.			
09/2024- Ongoing	I-10 CALCASIEU RIVER BRIDGE, PUBLIC PRIVATE PARTNERSHIP PROJECT LA CADD Technician. SAM is undertaking critical tasks for the I-10 Calcasieu River Bridge project, including Property Surveying, limited Topographic Surveying (to verify and supplement existing topographic surveys), and Utility Coordination throughout the project limits. The Property Surveying work covers a 5.5-mile stretch of Interstate 10 within the design-build boundaries. This extensive task involves thorough title research to gather existing surveys and deeds, field surveying, and mapping for all parcels along the corridor. The range of properties includes small residential lots to large commercial and industrial tracts. Right of way acquisition will be necessary for segments of the project.			
08/2021 - 04/2024	CITY/PARISH PROJECT NO. 20-CP-HC-0044 - MOVEBR WIDENING OF LEE DRIVE (HIGHLAND TO PERKINS) LA CADD Technician. This project involved providing ASCE 38-02 Quality Level C Subsurface Utility Engineering (SUE) services for all utilities within the project corridor as a sub-consultant. Prior to performing Quality Level C services, extensive Quality Level D records research was completed to support the SUE design process. The corridor was heavily congested with utilities, making accurate location critical to the final design. Responsibilities included preparing detailed CADD drawings and integrating utility data for design accuracy.			
02/2023 - Ongoing	CITY-PARISH PROJECT NO. 21-DR-US-0038 - EBRP FLOOD RISK REDUCTION PROJECT FOR BEAVER AND BLACKWATER CHANNEL IMPROVEMENTS LA CADD Technician. Prepared property surveys and right-of-way maps in MicroStation for approximately 25 miles of channel improvements along the Beaver and Blackwater Channels. Responsibilities included integrating utility investigation data, performing Quality Level B designating at bridge crossings, and documenting standalone utility lines intersecting the channel. The technician supported Utility Coordination by developing a Utility Conflict Matrix and incorporating survey and utility data into base and final right-of-way maps. Work ensured compliance with project scope, budget, and Corps of Engineers standards.			

FIRM EMPLOYED BY		Civil Design & Construction, Inc. (CD&C)			
NAME	Christopher "Chris" Ballard, PLS		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER		10
TITLE	Survey Manager		YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)		19
DEGREE(S) / YEARS / SPECIALIZATION		BS 2004 Biological Science			
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PLS No. 5033 Louisiana 09/30/2026			
YEAR REGISTERED	2010	DISCIPLINE	Professional Land Surveyor		
Contract role(s) / brief description of responsibilities	Mr. Ballard will work to oversee the project progress stays on schedule, aide in both crew coordination and office production, and provide final QC on the firms' 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. Mr. Ballard will provide SURVEY services for this contract and meets the following Minimum Personnel Requirements (MPRs) as specified in the advertisement: 6, 7				
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
01/2024 - Ongoing	H.005121 LA1/LA415 CONNECTOR West Baton Rouge Parish, LA Survey Manager. Mr Ballard serves as the Survey Manager for this project. This project located in West Baton Rouge Parish is approximately 3 miles of a new alignment of LA 415 to connect from the end of the current roadway to a new intersection at LA1 near Addis. This includes a bridge over the intercoastal waterway. CD&C is providing property survey and ROW maps for the mainline extension and other subsequent connecting roadways for the project along with establishing existing ROW along LA 1 for approximately 1 mile. Mr. Ballard will ensure the project is completed to all LADOTD Location and Survey standards and practices.				
10/2025 - Ongoing	H.016255 LA1 WGS RIVERPLEX RR OVERPASS Ascension Parish, LA Survey Manager. Mr Ballard serves as the Survey Manager for this project. This project located in Ascension Parish is just over 2 miles in length, parallels a R/R and includes an offset area for the future overpass of the R/R spur. CD&C is performing the Topographic Survey and QC of the ROW Maps. Mr. Ballard will ensure the project is completed to all LADOTD Location and Survey standards and practices.				
12/2023 - 05/2023	H.012618 LA 347 DRAINAGE IMPROVEMENTS Survey Manager. Mr. Ballard was 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.				
02/2023 - 12/2023	H.012027.5 I-20 UPPR Survey Manager. 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.				
09/2018 - 01/2020	H.004100 I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12 West and East Baton Rouge, LA Survey Manager. 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.				
04/2017 - 07/2017	H.010006.5-3 LA 58 PETIT CAILLOU BRIDGE REHABILITATION (SARAH BRIDGE) Terrebonne Parish, LA Survey Manager. 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.				

02/2019 - 09/2019	BRIDGE REPLACEMENTS IN EAST FELICIANA PARISH Rural East Feliciana Parish, LA Survey Manager. 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.
01/2017 - 12/2017	EAST BATON ROUGE PARISH BRIDGES East Baton Rouge Parish, LA Survey Manager. 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.
10/2016- 11/2016	H.012728.5 LA 443: TANGI RIVER BRIDGE REPLACEMENT Tangipahoa Parish, LA Survey Manager. 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.
09/2017- 09/2017	H.012650.5-1 DISTRICT 62 BRIDGES Livingston and Tangipahoa Parishes, LA Survey Manager. 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.
10/2015 - 12/2018	H.003184.5 I-10 TEXAS STATE LINE - EAST OF COONE GULLY Calcasieu Parish, LA Survey Project Manager. 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.
01/2016 - 08/2016	H.005733.5 US 190 SUPERSTREET St. Tammany Parish, LA Survey Project Manager. Mr. Ballard served as the Survey Project Manager on this project. CD&C provided a complete topo survey & drainage map along with utility coordination for the project. Project duties included processing of data, review of field notes and weeklies, & performing final punch list. This project also included work in the Abita River utilized 3D Terrestrial Scanning for the main route
10/2015 - 01/2016	H.011773 HANKS DR/LANDIS DRIVE PEDESTRIAN IMPROVEMENTS East Baton Rouge Parish, LA Survey Project Manager. Mr. Ballard served as the Survey Project Manager on this project that included a topographic survey and establishment of the ROW for Hanks Dr. for installation of new sidewalk.
06/2011 - 09/2013	H.002372 LA 42 WIDENING AND IMPROVEMENTS Ascension Parish, LA Project Surveyor. Mr. Ballard worked as a PLS on this project which included boundary and topography, establishing the existing ROW and acquisition of additional ROW.
07/2017 - 12/2018	H.010960.5-2, LA 30 ROUNDABOUT AT TANGER I-10 Ascension Parish, LA Survey Project Manager. Mr. Ballard served as the Survey Project Manager on this project that includes a complete topo survey, utility coordination and drainage, along with finish floor elevations of all buildings that fall within the survey limits. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning.

FIRM EMPLOYED BY		Civil Design & Construction, Inc. (CD&C)		
NAME	Madison Mills, PLS	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	5	
TITLE	Survey Project Manager	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	4	
DEGREE(S) / YEARS / SPECIALIZATION		BS 2016 Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PLS No. 5293 LA 03/31/2027		
YEAR REGISTERED	2022	DISCIPLINE	Professional Land Surveyor	
Contract role(s) / brief description of responsibilities	Mr. Mills serves as the SURVEYOR for this project. Mr. Mills is a licensed Professional Land Surveyor and serves as a Survey Project Manager for the firm. He will work to help manage field crews, process field crew data, and finalize deliverables for the client to ensure they are complete and accurate.			
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).			
10/2025 - Ongoing	H.016255 LA1 WGS RIVERPLEX RR OVERPASS Ascension Parish, LA Survey Project Manager. This project located in Ascension Parish is just over 2 miles in length, parallels a R/R and includes an offset area for the future overpass of the R/R spur. CD&C is performing the Topographic Survey and QC of the ROW Maps. Mr. Mills will help oversee all production on the project and that is it in accordance with LADOTD standards and practices.			
11/2024 - 05/2025	H.015949 LA 335 Survey Project Manager. CD&C performed a detailed topographic survey portion of the project at the intersection of LA 335 and Port Street and a limited survey for a 3.5 mile portion of LA 335. 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.			
12/2024 - 04/2025	H.014824.5 LA 317 - WAX LAKE B Survey Project Manager. Survey Project Manager on this approximate 2.5mi 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.			
10/2024 - 01/2025	H.015849 US 190 R CUTS @ LA741 Survey Project Manager. Survey Project Manager on this approximate 0.8mi 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.			
12/2023 - 05/2023	H.012618 LA 347 DRAINAGE IMPROVEMENTS Survey Project Manager. Survey Project Manager on this project which includes 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.			
09/2023 - 12/2023	H.015619.5 LA 106 Survey Project Manager. Survey Project Manager for 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.			
05/2023 - 08/2023	H.015056 LA 685 Survey Project Manager. Survey Project Manager for 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.			
05/2023 - 08/2023	H.015058 - LA 14 BUSINESS Survey Project Manager. Survey Project Manager for 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.			

FIRM EMPLOYED BY		Civil Design & Construction, Inc. (CD&C)		
NAME	Clarence J. Goodspeed	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	4	
TITLE	SUE Manager	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	30	
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	Mr. Goodspeed will provide SUE/UTILITY RELOCATION services for this project. Mr. Goodspeed has over 30 years' experience in underground utilities. Mr. Goodspeed has been involved in almost every aspect of underground utilities and His knowledge of reading multiple utility companies prints and understand how their systems are installed makes him a great asset to managing CD&C Sue department.			
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).			
10/2025 - Ongoing	H.016255 LA1 WGS RIVERPLEX RR OVERPASS SUE Project Manager. CD&C is performing SUE QL-B locates for the detailed topographic survey portion of this project along LA 1 in Ascension Parish. This project is just over 2 miles in length, parallels a R/R and includes an offset area for the future overpass of the R/R spur. CD&C's SUE department has had to research and locate a variety of utilities to date. CD&C will also utilize GPR to sweep the area as well as provide all appropriate SUE reports, data and plans for this project.			
02/2026 - 05/2026	H.016390 LA 16 ROAD DIET SUE Project Manager. CD&C performed a SUE QL-B locates for the detailed topographic survey portion of the project at the intersection of LA 16 & Bennett Rd . There were approximately 8 utility companies with subsurface assets in the project limits that CD&C's SUE department had to research and locate. CD&C also utilized GPR to locate what is suspected to be abandoned underground gasoline storage tanks in the intersection. CD&C also provided all appropriate SUE reports, data and plans for this project.			
11/2024 - 05/2025	H.015949 LA 335 SUE Project Manager. CD&C performed a SUE QL-B locates for the detailed topographic survey portion of the project at the intersection of LA 335 and Port Street . There were approximately 12 utilities in the project limits that CD&C's SUE department had to research and locate. CD&C also utilized GPR to locate what is suspected to be abandoned underground gasoline storage tanks in the intersection.			
11/2025 - Ongoing	BRMA FAA LINE SUE Project Manager. This project included SUE QL- B utility information and topographic survey for various areas at BRMA including along Runway 4-L/22R, TB Herndon Ave, Taxiway L, Blast Pad for Runway 31, and the tower area . CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable.			
03/2023 - Ongoing	MSY CAMPUS WIDE SEWER LOCATION SUE Project Manager. CD&C is performing a combination of both a QL-B and QL-A for the Louis Armstrong Airport campus to locate it's sanitary sewer lines. This project encompasses the entire campus. All sewer manholes and gravity lines as well as sewer forcemains are to be located. Verification of pipe size and material is also required. CD&C is providing all SUE appropriate reports and data for this project.			
01/2024 - 03/2024	RN NUCCIO ROAD SUE SUE Manager. Mr. Goodspeed served as SUE Manager for the firm's SUE work on this bridge replacement project. CD&C, Inc. provided SUE utility locations with SUE QL- B utility designation. CD&C, Inc. provided all SUE reports and data.			
04/2024 - 05/2024	BRMA FAA BORING SUE Manager. This project included the coordination of SUE QL-B utility information and boundary survey of over 4 acres. Survey crews collected data to incorporate for the final deliverable which included boundary plat, and SUE reports, data, and plans.			
03/2024 - Ongoing	MSY EAST APRON EXPANSION SUE Manager. This project includes the coordination of SUE QL-B utility information and topographic survey for over 7 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.			

FIRM EMPLOYED BY		Reich Landscape Architecture, L.L.C.		
NAME	William (Bill) Reich, RLA	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	35	
TITLE	Principal and Landscape Architect	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	4	
DEGREE(S) / YEARS / SPECIALIZATION		BA 1976 Landscape Architecture		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		R-638/ LA / 01/2027		
YEAR REGISTERED	1987	DISCIPLINE	Landscape Architecture	
Contract role(s) / brief description of responsibilities	Bill will provide LANDSCAPE ARCHITECTURE SERVICES for this project. Bill's 39 years of experience includes working on various civil/ transportation projects. As Principle at the firm, Bill manages the firm's productivity and oversees the quality of plans and specifications. Bill's experience includes designing multi use paths/greenways, public plazas, streetscapes, stormwater management facilities, and consulting on aesthetics for bridges and other large structures			
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).			
06/2002 - 02/2004	BATON ROUGE LEVEE BIKE PATH CITY OF BATON ROUGE Baton Rouge, LA Project Manager. Bill served as team lead working with Perez, APC, U.S. Army Corps of Engineers, and the City of Baton Rouge Public Works Department to develop a levee top master plan for recreation, jogging, and bicycling. Bill was involved in public meetings with LSU officials, neighborhood groups, and stakeholders to address any potential concerns for public safety, and welfare. The 2.5 mile stretch of the levee bike path extends from one end of the downtown promenade just north of the I-10 Mississippi River Bridge to Skip Bertman Drive at LSU. The 15-foot-wide path provides a unique place to exercise with great views of the Mississippi River. Features include separate lanes for bicycles and walkers/ joggers as well as lighting, seating, and water fountains. Reich Landscape Architecture worked closely with USACE to ensure all engineering constraints for construction on levees were addressed.			
01/2013 - 12/2019	TAMANEND WEYERHAEUSER NR COMPANY Lacombe, LA Project Manager. Bill served as the project team for Tamanend, an 848-acre development designed to embrace and enhance the diversity of the abundant regional ecosystems, culture, and recreational amenities of St. Tammany Parish. The project aimed to create a neighborly, pedestrian-friendly, and technology-focused community. Tamanend strives to set a precedent for southern Louisiana by developing a sustainable community with a net-zero stormwater system that harvests rainwater, advanced green technology to maximize energy efficiency, and resident access to 179 acres of preserved wetlands. Bill worked with the client to develop off grid utility infrastructure for the community to encourage its resilience.			
05/2016 - 06/2019	BATON ROUGE GREENWAY CITY OF BATON ROUGE Baton Rouge, LA Project Manager. Bill was team lead on this project. The Downtown Greenway is a 2.75-mile, phased trail system of bicycle and pedestrian paths connecting historic and inner-city neighborhoods to seven existing public parks and attractions of Downtown Baton Rouge. The first phase has extended the historic North Boulevard median as a desirable pedestrian and biking corridor from the I-110 overpass to the North Boulevard Town Square. The design features separate bicycle and pedestrian paths, median crossings, seating areas, ADA-accessible ramps, lighting, workout areas, bike racks and repair stations in a lush garden setting amid the active urban environment. Reich Landscape Architecture, led by Design Workshop, designed a sustainable, safe, and functional transportation route, providing connectivity to the downtown core and creating culturally relevant experiences along the corridor that make it both an active and passive destination.			
12/2023 - 06/2024	I-10 WIDENING LADOTD Baton Rouge, LA Project Manager. Bill is team lead on this project, working with a multi-disciplinary team to create a context sensitive design heavily influenced by community engagement to create a multi-use path and activity nodes under the widened interstate bridge. Bill was lead for his team at all community engagement events and during the schematic design phase.			
12/2023 - 06/2024	I-10 WIDENING LADOTD Baton Rouge, LA Project Manager. Bill managed his team's work on interstate corridor aesthetics, attending several meeting with the DOTD and on site approving paint colors. Bill oversaw the quality of schematic packages and construction drawings created during this phase of the project.			
10/2023 - 02/2024	MOVEBR BLUEBONNET GEC Baton Rouge, LA Project Manager. Bill oversaw the work on this project ensuring it incorporates bioswales that act to detain storm water runoff, improve water quality through natural processes, increase biodiversity and beauty of the streetscape.			

FIRM EMPLOYED BY		Reich Landscape Architecture, L.L.C.		
NAME	Christine Forsman, RLA	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	27	
TITLE	Senior Associate Landscape Architect	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	0	
DEGREE(S) / YEARS / SPECIALIZATION		MA 1999 Landscape Architecture		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		C-301 / LA / 01/2027		
YEAR REGISTERED	2002	DISCIPLINE	Landscape Architecture	
Contract role(s) / brief description of responsibilities	Christine will provide LANDSCAPE ARCHITECTURE SERVICES for this project.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
08/2022 - 06/2026	JIMMIE DAVIS BRIDGE RENOVATION LADOTD Shreveport/Bossier City, LA Project Manager. Context-sensitive design repurposing an historic bridge structure into a pedestrian linear park to include a multi-use path and activity nodes on the former vehicular bridge. Christine led the aesthetic design of the bridge renovation including paving design, seating, shade, wayfinding, signage, rest areas, and activity nodes. She also directed the production of 3D renderings showing the proposed elements.			
01/2023 - 06/2026	NEW CALCASIEU RIVER BRIDGE AND I-10 WESTLAKE EXIT Huval & Assoc. Lake Charles, LA Project Manager. Christine led the aesthetic design for main bridge elements including lighting and placemaking. Christine also works directly with the design team to coordinate deliverables.			
10/2016 - 10/2023	TAMANEND Weyerhaeuser NR Company Lacombe, LA Project Manager. Christine designed several streetscape and signage entrance plans for the community. These plans included a native plant palette that created focal points at entrances to the community.			
01/2018 - 06/2019	BATON ROUGE GREENWAY PHASE 2 City of Baton Rouge Baton Rouge, LA Landscape Architect. Christine worked with Design Workshop as a local subconsultant to design a multi-use path along T.J. Jemison/ East Boulevard in downtown Baton Rouge from North Boulevard to South Boulevard. This 12-foot multi use path contains two 4' wide bicycle lanes and one 4' wide pedestrian lane with a 2-4' planting buffer on either side. Facilities along this greenway include lighting and signage. Deliverables included planting and irrigation plans.			
05/2016 - 01/2018	BATON ROUGE GREENWAY PHASE 1 City of Baton Rouge Baton Rouge, LA Landscape Architect. Christine worked with Design Workshop as a local subconsultant to design a multi-use path and other bicycle and pedestrian facilities along North Boulevard in downtown Baton Rouge from 3rd Street to T.J. Jemison Boulevard. This segmented multi use path contains a 10' wide two-lane concrete bicycle path and a 4' wide decomposed granite pedestrian path. Facilities along this greenway include a bicycle repair station, various seating areas, lighting, and signage. Christine provided planting plans for shaded beds under the live oaks and irrigation plans.			
06/2002 - 02/2004	BATON ROUGE LEVEE BIKE PATH City of Baton Rouge Baton Rouge, LA Landscape Architect. Christine assisted Bill by providing graphics and drawings during the schematic phase. She also helped to develop a full construction document set for the project.			

FIRM EMPLOYED BY		Franklin Associates, LLC		
NAME	James Taylor, MLA, AICP	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	15	
TITLE	Senior Project Manager	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	19	
DEGREE(S) / YEARS / SPECIALIZATION		MA 1996 Landscape Architecture // BS 1989 Horticulture		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		AICP #021110 LA N/A		
YEAR REGISTERED	2003	DISCIPLINE	Certified Planner	
Contract role(s) / brief description of responsibilities	James has 34 years of experience with public sector planning, redevelopment, design, and public engagement projects. In Louisiana, he has primarily focused on public engagement conforming to NEPA policy requirements for public transportation infrastructure projects. James utilizes GIS, spreadsheets and other analytical tools to make sense of data through spatial mapping to reveal patterns which better identify the impact of outreach efforts or to better understand the populations potentially affected by a project. He helps clients understand the impact and return on their investments through website, social media, and email campaign analytics. He has worked on over 150 projects as a certified urban planner, which include park and recreation facility designs, regional recreation and open space master plans, commercial landscape and irrigation designs, ecological and habitat restoration plans, cultural and heritage tourism plans, and redevelopment plans James will provide STAKEHOLDER AND PUBLIC OUTREACH SERVICES for this project.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
07/2025 - Ongoing	IBERVILLE PARISH MASTER PLAN UPDATE Plaquemine, LA Senior Project Manager. Responsible for guiding the drafting and implementation of a stakeholder engagement plan. James identifies and informs project stakeholders, provides public engagement coordination, outreach materials, content development, survey deployment and analysis, website management, and documentation of efforts.			
02/2025 - Ongoing	DOWNTOWN PLAN BATON ROUGE III Baton Rouge, LA Subject Matter Expert. James assists to the creation of the public engagement strategy; establishes engagement objectives, success measures, and outreach approaches. He provides support in planning and facilitating focus groups and public participation events, and participates in analyzing community input and synthesizing data collected through engagement activities.			
11/2020 - Ongoing	I-10 BATON ROUGE WIDENING CMAR LADOTD Public Engagement Lead. Coordinated all public engagement efforts pertaining to project design and environmental clearance issues. This included 8 general public meetings in hotel conference centers or community rooms, and over 140 in-person or virtual meetings with project stakeholders including corridor property owners, elected officials, and agency heads. James managed content updates on the project website, drafted media releases, and tracked the receipt of and responses to public inquiries about the project.			
01/2022 - 02/2023	MISSISSIPPI RIVER BRIDGE SOUTH - LA 1 TO LA 30 CONNECTOR PRE-NEPA STUDY LADOTD Public Engagement Lead. LADOTD. Coordinated the public engagement efforts pertaining to pre-NEPA project feasibility research and decisions for this new crossing of the Mississippi River. Drafted the public engagement plan, coordinated 6 general public meetings across three parishes, scheduled and documented over 20 virtual or in-person meetings with project stakeholders.			
10/2016 - 08/2019	I-10 IMPROVEMENTS (DOTD STAGES 0 AND 1) LADOTD Public Engagement Lead. (subconsultant to Providence) Assisted with implementation and execution of the public engagement plan drafted by other Franklin staff. Coordinated and assisted with facilitation of 12 general public meetings across two parishes, split between the two Stages. Assisted with coordination and documentation of meetings with project stakeholders. Managed content updates on the project website, and eventually the migration of content to a new, more robust project website.			
10/2011 - Ongoing	I-49 INNER CITY CONNECTOR (DOTD STAGE 1) NORTHWEST LOUISIANA COUNCIL OF GOVERNMENTS (NLCOG) Shreveport, LA Visioning and Public Engagement Lead. Assisted with implementation of the public engagement plan drafted by other Franklin Staff. Coordinated scheduling, venue reservation and meeting facilitation of 3 general public meetings and 17 project stakeholder meetings over two rounds of engagement efforts.			

FIRM EMPLOYED BY		Franklin Associates, LLC		
NAME	Laura Livingston, MS, PMP	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	3	
TITLE	Project Manager	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	4	
DEGREE(S) / YEARS / SPECIALIZATION		MS 2022 Environmental Policy & Management, Energy & Sustainability // BA 2015 Political Science		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PMP #4305587 National N/A		
YEAR REGISTERED	2026	DISCIPLINE	N/A	
Contract role(s) / brief description of responsibilities	Laura has over seven years of experience managing complex projects at all levels of implementation. She has built teams from scratch, including a multilingual staff of 10 for an emergency COVID-19 project, and continued to provide managerial support by implementing clear policies and procedures designed to increase efficiency. She can develop strategic plans for community engagement just as easily as she conducts interviews to compile feedback for clients. Laura also has experience writing grants and a track record of receiving funding, a testament to her attention to detail and ability to effectively articulate a project's scope from the beginning. Due to her background with environmental policy, Laura has led a number of projects that demand a firm understanding of energy and conservation regulations. Laura will provide STAKEHOLDER AND PUBLIC OUTREACH SERVICES for this project.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract, i.e., "Designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
07/2025 - Ongoing	IBERVILLE PARISH MASTER PLAN UPDATE Plaquemine, LA Project Manager. Responsible to drafts and executes the public engagement plan. Laura establishes engagement objectives, success measures, and outreach approaches. She plans and facilitates focus groups and public participation events, and analyzes community input and synthesizing data collected through engagement activities.			
02/2025 - Ongoing	DOWNTOWN PLAN BATON ROUGE III Baton Rouge, LA Outreach Specialis. Laura contributes to the creation of the public engagement strategy. She aids in establishing engagement objectives, success measures, and outreach approaches. She provides support in planning and facilitating focus groups and public participation events, and participates in analyzing community input and synthesizing data collected through engagement activities.			
01/2025 - Ongoing	I-10 BATON ROUGE WIDENING CMAR LADOTD Outreach Specialis. Laura identifies and informs project stakeholders and provides public engagement coordination. She supports the development of project materials and outreach surveys, as well as documents and analyzes outreach results.			
11/2024 - 03/2025	CARBON SOLUTIONS Baton Rouge, LA Program Manager. Laura developed a framework for listening sessions to solicit feedback about the client's air quality analysis tool to inform further development of the prototype. She identified stakeholders to participate in the listening sessions, and facilitated one virtual listening session with national stakeholders. Laura also analyzed and summarized stakeholder input into a comprehensive report, and supplied Carbon Solutions with all event materials for use in future events.			
04/2024 - 04/2025	CAPITOL REGION PLANNING COMMISSION REGIONAL CLIMATE ACTION PLAN Baton Rouge, LA Project Manager. Laura was responsible to develop a strategic outreach and engagement plan for the Baton Rouge MSA. She organized and facilitated interviews with key stakeholders. She established and coordinated partnerships with a Community Working Group, a coalition of local outreach organizations, to assist with public engagement. Laura designed and executed public outreach events throughout the Baton Rouge MSA, and facilitated four sector focus groups to solicit feedback about potential low-carbon scenarios. Additionally, she analyzed and summarized feedback into a comprehensive report.			
05/2023 - 06/2024	DCFS STRATEGIC RECRUITMENT, RETENTION, AND PUBLIC OUTREACH CAMPAIGN PROJECT Baton Rouge, LA Project Manager. Laura developed strategic recruitment plan for staff and foster parents. She curated and facilitated media campaign for outreach efforts, and improved awareness for DCFS supportive services through communications plans.			

FIRM EMPLOYED BY		Louisiana Tree Service (LATSC), LLC		
NAME	David Scott Courtright	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	20	
TITLE	Owner/President-Consulting Forester/Consulting Arborist	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	10	
DEGREE(S) / YEARS / SPECIALIZATION		MS 2021 Urban Forestry // BS 1996 Forest Management		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		Certified Arborist #0802 LA N/A		
YEAR REGISTERED	1998	DISCIPLINE	Arborist	
Contract role(s) / brief description of responsibilities	Scott will serve as an ARBORIST for this project. Scott is the founder and owner of Louisiana Tree Service (LATSC) LLC, providing arboricultural, forest management, phytoremediation, ecological, and natural resources consulting services. He has developed work plans, monitored project teams, and coordinated field activities as Project Field Leader for LOOP Pipeline where wildlife, vegetation, and other ecosystems communities were monitored to ensure regulatory compliance. Scott is recognized as an Arboricultural Specialist in plant health care and arboricultural consulting, as well as an expert in phytoremediation. As a member of the American Society of Consulting Arborists, Scott also provides expert witness support and testimony on arboricultural and ecological cases.			
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).			
08/2021 - 06/2024	I-10 WIDENING LADOTD Baton Rouge, LA Arboricultural Consultant. The I-10 Widening project involved improving overall system operation of Interstate 10 (I-10) through the Baton Rouge area, relieve congestion and extend the useful life of the facility, reduction of duration of the peak travel times and improved functionality, introduction of a greenway or multi use path that fills a missing link in Baton Rouge's Bicycle/Pedestrian Master Plan. Subcontracted to Reich and Associates, under Huval and Associates- part of the Design Team to evaluate trees along the corridor (Perkins Road to I-10 Mississippi Bridge).			
09/2013 - 04/2014	FEMA/NISTAC Project Specialist/Arborist. Subject Matter Expert on disaster recovery related to Hurricane Gustav. Provided arboricultural expertise in disaster recovery claims to apply FEMA 325 Standards. Also provided arboricultural oversight and opinions related to disaster claims.			
06/2006 - 06/2007	CITY PARK New Orleans, LA Arboricultural Consultant. Louisiana Tree Service (LATSC) LLC was hired by City Park in New Orleans to provide arboricultural inventory and assessment of all dominant trees within City Park, and provide supervision during execution of recovery of all trees in New Orleans City Park.			
01/2019 - 01/2023	RED RIVER ARMY DEPOT AND BLUE GRASS ARMY DEPOT US MILITARY ARBORICULTURAL CONSULTANT. Sub-Contractor to QRI to perform forest inventory, timber stand improvement, FLIR survey for cattle and white-tailed deer populations, forest restoration planting survey, and American chestnut survey for multiple U.S. military installations.			
08/2021 - Ongoing	MOVEBR East Baton Rouge Parish, LA Arboricultural Consultant. Arboricultural Consultant hired by MOVE BR (a NGO for Baton Rouge) to provide all services necessary to complete a tree inventory, prepare a tree preservation plan, tree appraisal reports, and public outreach, as it relates to arboricultural concerns, related to the proposed project work area which includes Lee Drive from the Perkins Road intersection to the Highland Road intersection.			
12/2018 - 12/2020	ARBORICULTURAL SERVICES CITY OF JACKSON Jackson, MS Arboricultural Consultant. Arboricultural Consultant for Waggoner Engineering, Inc. for the City of Jackson, MS to provide an inventory of trees along Riverside Drive between Peachtree Street and the I-55 Bridge. Louisiana Tree Service (LATSC) LLC provided tree inventory of all 76 trees, prepared a tree protection plan during construction, root protection plan, and supervision of constriction to ensure reduced damage to City-owned trees.			

FIRM EMPLOYED BY		Krebs Corporation.		
NAME	Rick Krebs	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	10	
TITLE	Principal/Independent Cost Estimating Lead	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	27	
DEGREE(S) / YEARS / SPECIALIZATION		BS Construction Management // BA 1989 Business Administration		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A		
YEAR REGISTERED	N/A	DISCIPLINE	N/A	
Contract role(s) / brief description of responsibilities	Mr. Krebs will assist the team as need for INDEPENDENT COST ESTIMATING (ICE) related services as required. Rick has worked on over 80 of these type projects including CMAR, CMGC, GCCM, PDB, P3 and D-B.			
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).			
03/2021 - Ongoing	LOUISIANA DOTD I-10 RECONSTRUCTION PROJECT LADOTD Baton Rouge, LA Cost Review/Negotiations Support. This \$1.1 billion CMAR project involves multiple stages or work packages for the reconstruction and widening of Interstate 10 through the heart of Baton Rouge. Rick is providing oversight, negotiation and bid review support on behalf of the DOTD. Rick provides consultation to the DOTD regarding risk, estimate review items, negotiation strategies and overall markups. The project entails major roadway reconstruction, bridge replacement and widenings, drainage improvements, sound wall construction, retaining walls, significant traffic phasing and MOT, limited right-of-way and multiple stakeholders to work with.			
09/2019 - 03/2020	VALLEY METRO SOUTH CENTRAL LRT EXTENSION Phoenix, AZ ICE/Risk/Constructability Analysis Lead. Rick led the ICE, risk and constructability analysis for the \$650M project at the 60% and 100% design submittals and helped in negotiations with the contractor at the 100% cost submittal. The Krebs team worked through the CMAR process with the contractor (Kiewit) which included scoping meeting, quantity takeoffs and reconciliation, estimate preparation and cost reviews. This project is an 8-mile extension of light rail from Downtown Phoenix south to Baseline Rd. Project scope includes complex rail work to maintain existing service, substantial utility work (water, sewer, storm, power, communications), complete roadway reconstruction, park and ride facilities, 8 stations, 2 new bridges, one major bridge rehabilitation, and has several traffic phases.			
06/2018 - Ongoing	CALTRANS SB-101 WIDENING PROJECT Santa Barbara, CA Cost Review/Negotiations Support. This \$500M CMGC project involves six stages or work packages for the widening of Highway 101. Rick is providing oversight, negotiation and bid review support on behalf of Caltrans. Rick provides consultation to Caltrans regarding risk, estimate review items and overall markups. The project entails major roadway reconstruction, bridge replacement and widenings, drainage improvements, sound wall construction, concrete batching and paving and traffic control.			
03/2016 - Ongoing	SOUND TRANSIT E130, E335, L200 AND L300 PROJECTS Seattle, WA ICE/Cost Review/Negotiations Support. For these four complex GCCM projects, Rick provided independent cost estimating support, led the cost reviews and ultimately lead the MACC negotiations on behalf of Sound Transit. The \$3 billion light rail projects are located in very tight corridors and interface with a tunnel project and over an existing floating bridge. All facets of heavy civil and light rail construction are included in these complicated, urban projects.			
03/2015 - 12/2022	SANDAG MID COAST LIGHT RAIL PROJECTS San Diego, CA ICE/Cost Review/Negotiations Support. There are four CMGC projects for SANDAG with a combined construction value of nearly \$2 billion. Rick's role was to provide independent cost estimating support for the project, lead the cost reviews and negotiations as the ICE. The projects recently completed construction after successful CMGC negotiations and Krebs provided change order support after the GMP during construction. The project is located in tight corridor adjacent to I-5 in San Diego. All major civil construction work types required of this project.			
08/2006 - 09/2015	UTAH TRANSIT AGENCY FRONTLINES 2015 PROGRAM Salt Lake City, UT ICE Lead. This overall rail expansion program was valued \$1.3 billion and consisted of 5 projects, three of which were CMGC and two were design build. The expansion included 4 light rail (23 miles) and 1 commuter rail (44 miles). Rick led the ICE team throughout the cost estimating process – which includes agreeing to rates, subcontractor and material pricing, quantity takeoffs, reconciliations, estimate preparation and estimate reviews. Our team performed bottoms-up production based estimates at 30%, 60%, 90% and 100% design phases. Rick was also involved in risk identification, assessment and mitigation analysis. As Contract Manager, Rick was responsible to assign and manage estimating resources to properly complete our assignments, compile and submit project deliverables, maintain project files, assure quality control process is implemented and followed, manage ICE contract including task order implementation and invoice preparation and submittal, attend necessary meetings, assure independent schedule was completed and reviewed prior to submission, assure compliance of contract and task orders is met, manage project budgets, manage subconsultants, maintain project files and respond to any questions or issues from UTA.			

SECTION 17

I-10/LOYOLA DR. INTERCHANGE DESIGN BUILD
Louisiana's first Diverging Diamond Interchange



17. Firm Experience:

FIRM NAME	Stantec Consulting Services Inc.		DISCIPLINE(S)	Road, Bridge, Traffic, ITS, Other (Lighting)
PROJECT NAME	I-10/LOYOLA INTERCHANGE DESIGN-BUILD PROJECT		FIRM RESPONSIBILITY (prime or sub?)	Sub-consultant
PROJECT NUMBER	H.0011670	OWNER'S NAME	Louisiana Department of Transportation and Development	
PROJECT LOCATION	Kenner, Louisiana		OWNER'S PROJECT MANAGER	Timothy Nickel
OWNER'S ADDRESS, PHONE, EMAIL	1201 Capital Access, Baton Rouge, LA 70808 225-242-4640 timothy.nickel@la.gov			
SERVICES COMMENCED BY THIS FIRM (MM/YY)	08/19	TOTAL CONSULTANT CONTRACT COST (\$1,000's)		\$125,591 (DB Contractor's Bid)
SERVICES COMPLETED BY THIS FIRM (MM/YY)	04/24	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000's)		\$9,744.3

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

This innovative design project is critical to the Greater New Orleans area, providing improved access on a local, state, regional and international level.

Stantec is serving as the Lead Design Engineer for this Design-Build project which provides improvements to Interstate 10 (I-10), Loyola Drive north of I-10, as well as improvements south of I-10 connecting to the new terminal access road for the new LANOIA north terminal facility. The proposed improvement was approved as an Alternative Technical Concept (ATC) and features **Louisiana's first Diverging Diamond Interchange (DDI)** at Loyola and I-10, as well as one-way elevated flyovers from I-10 Westbound to the southbound terminal access road lanes, and from the northbound terminal access road lanes to I-10 Eastbound. Through Stantec traffic analysis, the DDI was shown to perform better than the original alternative LADOTD proposed for the project. To support the **environmental re-evaluation** required for the ATC, Stantec developed creative exhibits to explain the DDI concept including a "hot wheels" scale DDI "drive-thru", a video produced from an OpenRoads rendering, and a **VISSIM model**, all used at the public meeting.

Stantec pro-actively managed the design phase by coordinating closely with the surveyor to advance the design as much as possible during the collection of the topographic and property survey, condensing the project schedule tremendously. At the same time, our traffic engineers developed the **Interchange Modification Report (IMR)** for DOTD/FHWA approval of the DDI. We also broke down the overall design into several design packages to advance portions of the project not reliant on the approval of the IMR to proceed with construction, another schedule related benefit.

The project features aesthetically pleasing bridge structures, including **curved steel box girders** and enhanced substructure in high-level areas; and **concrete trapezoidal box girders (LU shapes)** and enhanced substructure at the combined bridge section of the northbound and southbound ramp approaching the new terminal access road. Roadway geometry and hydraulic design were critical to the success of this retrofit urban interchange. The subsurface drainage systems ultimately outfall into a network of pumped canals. Through coordination with local technical staff and hydraulic analysis, we were able to design proposed drainage improvements, including the extension of a double-barrell 7ft. by 8 ft. box culvert, that did not create adverse impacts to the pumped canal network or adjacent development in the project area. **Utility coordination and relocations** were also very important for the success of this project - where the utility conflict matrix identified an impact, Stantec coordinated closely with the utility providers and District 02 to implement utility relocation plans for 6 major utilities and designed to avoid many more. Lastly, the proposed Temporary Traffic Control Plans and **Level 4 TMP** developed by Stantec allowed traffic from the new airport to be maintained with very little disruption.

During construction, Stantec and GEC have been heavily involved in **responding to Contractor RFIs, NCRs, and design clarifications** needed to assist them with making progress. The quality of the design and construction on this project was guided by the Design Quality Management Plan and the Construction Quality Management Plan. For each submittal, Stantec performed design quality reviews by the discipline lead, the design manager, and an independent reviewer. Then DOTD's Owner Verification Team led by GEC also performed design reviews and provided comments for each submittal. Our close and productive working relationship with GEC on the Loyola project led to our teaming relationship on this IDIQ for Critical Project Support.

TEAM MEMBERS INVOLVED: G. HEITMAN, J. CAINS, B. JOHNSON, J. LEFANTE, J. BARKER, M. DAVIS, N. PRUDHOMME, M. O'ROURKE, J. KREBS, S. MENSAH, D. GOUDEAU, C. HALL, G.E.C. INC., AND GEOENGINEERS, INC.

TASK RELEVANCE:

- ☒ Alternative Delivery Technical Services
- ☒ Project Management
- ☒ Environmental & Permit Support
- ☒ Preliminary & Final Design, Plan Development & Cost Quantities
- ☒ Traffic Engineering, IMR & TMP
- ☒ Roadway & Hydraulic Design
- ☒ Bridge Design
- ☒ Utility Oversight & Coordination
- ☒ Quality Control & Peer Reviews
- ☒ Construction Support
- ☒ Teamed with GeoEngineers to deliver Exceptional Design Solutions



FIRM NAME	Stantec Consulting Services Inc.		DISCIPLINE(S)		Road, Bridge, Traffic, ITS, Environmental, Other (lighting)
PROJECT NAME	NELSON ROAD EXTENSION AND BRIDGE			FIRM RESPONSIBILITY (prime or sub?)	Prime
PROJECT NUMBER	H.005967	OWNER'S NAME	Louisiana Department of Transportation and Development		
PROJECT LOCATION	Lake Charles, Louisiana			OWNER'S PROJECT MANAGER	Christina Brignac
OWNER'S ADDRESS, PHONE, EMAIL		1201 Capital Access, Baton Rouge, LA 70808 225-379-2516 christina.brignac@la.gov			
SERVICES COMMENCED BY THIS FIRM (MM/YY)	11/10	TOTAL CONSULTANT CONTRACT COST (\$1,000's)			\$3,058.6
SERVICES COMPLETED BY THIS FIRM (MM/YY)	Ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000's)			\$2,535.9
Describe the project including the firm's role and members involved. (Highlight members to be used in this proposal.)					

The City of Lake Charles, LADOTD, FHWA, and the Port of Lake Charles were the key stakeholders in completing this crucial roadway network link to the Port of Lake Charles City Docks facilities and downtown Lake Charles area. Coordination with all stakeholders was key to the success of this project.

To deliver a project that has been planned for well over 40 years, Stantec led the design efforts to construct a new, high-level, fixed-span bridge over Contraband Bayou with access to the Port of Lake Charles and points east of the project. **Stantec—working closely with DOTD and FHWA—led the Stage 0 studies and Environmental Assessment process** for this project to obtain a FONSI decision, in which an alternative analysis for potential roadway connections to the Port of Lake Charles and W. Sallier Street were driven by **traffic analysis and an assessment of impacts** on the area.

Stantec developed several other items for the EA document including a line and grade study, traffic and safety analyses, profile grade investigation, access management assessment, vessel survey, complete streets alternatives, as well as **assisted with developing supporting exhibits and completing applications for USACE and USCG permitting with other project team members**. Stantec also managed the delivery of the EA document for approval, including leading the required public meeting and hearing during the NEPA process. After receipt of the FONSI, Stantec entered into Stage 3 Preliminary and Final Design Services.

The project is a multi-disciplinary effort including **roadway design**, subsurface **drainage design**, open ditch design, **bridge design over a navigable waterway**, **traffic signal design**, **roadway lighting design**, navigation lighting design, and railroad design (at-grade crossing and electrical equipment). The **topographic survey** for this project was provided through two team subconsultants (topographic and hydrographic survey) as well as partially in-house (topographic survey), so clear and frequent coordination was required during the early stages of preliminary design.

Stantec delivered the project in the customary phases and **performed quality reviews and independent peer reviews** throughout the process prior to milestone submittals. Stantec also designed a new railroad crossing near the Port of Lake Charles, which required coordination with DOTD and **the development of technical specifications and special provisions for this project** that were included in the bid package for construction. To assist with public media releases, **Stantec developed a 3D-rendering** using various viewpoints of the project (daytime and nighttime).

Stantec answered contractor's questions and provided plan changes to incorporate contractor comments during the construction letting phase. We are currently performing construction support including reviews of RFIs, product submittals and shop drawings, attending progress meetings, and providing limited **inspection services (lighting, railroad, and underwater structural inspection)**.

TEAM MEMBERS INVOLVED: G. HEITMAN, J. CAINS, J. LEFANTE, B. JOHNSON, N. PRUDHOMME, M. O'ROURKE, S. WALLACE, M. DAVIS, J. KREBS, C. HALL

TASK RELEVANCE:

- ☒ Project Management
- ☒ Environmental & Permit Support
- ☒ Surveying Services
- ☒ Preliminary & Final Roadway Design, Plan Development & Cost Estimates
- ☒ Bridge Design
- ☒ Roadway & Hydraulic Design
- ☒ Traffic Engineering & Design
- ☒ Road Design Services during Environmental
- ☒ Project Specific Specifications
- ☒ Quality Control & Peer Reviews
- ☒ Letting Support
- ☒ Construction Support



FIRM NAME	Stantec Consulting Services Inc.		DISCIPLINE(S)	Road, Traffic, Bridge, ITS, Environmental, Planning, Right-of-Way, Other (Lighting)
PROJECT NAME	I-49 LAFAYETTE CONNECTOR			FIRM RESPONSIBILITY (prime or sub?) Prime
PROJECT NUMBER	H.004273.5	OWNER'S NAME	Louisiana Department of Transportation and Development	
PROJECT LOCATION	Lafayette, Louisiana			OWNER'S PROJECT MANAGER Timothy Nickel, PE
OWNER'S ADDRESS, PHONE, EMAIL		1201 Capital Access, Baton Rouge, LA 70808 225-379-1110 timothy.nickel@la.gov		
SERVICES COMMENCED BY THIS FIRM (MM/YY)	07/15	TOTAL CONSULTANT CONTRACT COST (\$1,000's)		\$43,287.4
SERVICES COMPLETED BY THIS FIRM (MM/YY)	Ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000's)		\$16,633.5
Describe the project including the firm's role and members involved. (Highlight members to be used in this proposal.)				

Connecting communities and improving interstate access is what the I-49 Connector project is all about.

Stantec serves as the Prime Consultant and Program Manager for the 5.5 mile elevated six-lane highway. It will traverse urban Lafayette, Louisiana from I-10 south to its end near the Lafayette Regional Airport. The overall project includes construction of a freeway with accompanying interchanges in the Evangeline Thruway / US 90 / US 167 corridor and flanking frontage roads for local traffic circulation and land access. A **critical transportation link**, the I-49 Connector will connect existing I-49 with new interstate mileage through Lafayette and on to New Orleans.

DOTD began planning for the project in 1990 and after an alternative was selected the project was put on hold in 2006. When DOTD re-started the project in 2015, Stantec embraced the opportunity to help weave the project into the neighborhood fabric and engage the community in creating a true community asset. In the fall of 2015, DOTD decided to **re-engage the community to re-configure the project to meet current expectations**. Stantec helped develop refinements to the project geometrics by eliminating 2 major interchanges and creating a frontage road/slip ramp configuration. This **simplified and streamlined the project while helping to reduce project costs by ~\$400M**.

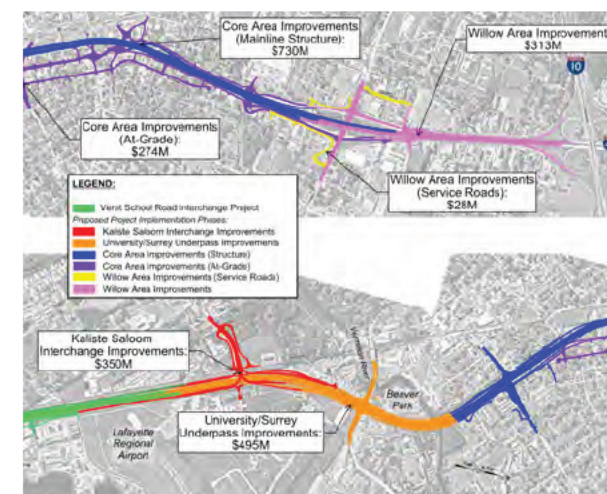
Our first activity was to complete the functional plan which included an extensive community outreach and public input phase. Refinement concepts to the Selected Alternative generated by the public and other stakeholders were investigated and a final design concept was adopted. The functional plan phase included **final geometrics, traffic and ITS analyses, bridge-type selection**, lighting, rail and airport coordination, and underpass planning, along with preliminary geotechnical investigation, SUE and topographic survey, and mapping. The resulting alternatives were different enough from the 2003 ROD Alternative that the DOTD elected to have Stantec undertake a complete SEIS.

Analysis of different alignments and interchange configurations were performed using TransCAD, Vistro, HCS, SIDRA, and VISSIM software. The traffic evaluation included a detailed Vistro model of **60 intersections** along the project corridor. Each intersection was **evaluated for potential control type** changes to either unsignalized, signalized, or roundabout control. Stantec's Team has recently started preliminary design of the Kaliste Saloom interchange, while wrapping up additional traffic analyses at the Willow interchange. Stantec, GEC, and other contracting partners are working together to advance the plans while the SEIS is ongoing. The Kaliste Saloom interchange was chosen for advancement due to its independent utility post construction. Stantec has worked closely with DOTD on this critical project to logically progress the plans for phased construction.

TEAM MEMBERS INVOLVED: G. HEITMAN, S. WALLACE, J. CAINS, S. HOFFELD, N. PRUDHOMME, J. LEFANTE, M. O'ROURKE, B. JOHNSON, J. KREBS, D. GOUDEAU, S. MENSAH, M. DAVIS, C. HALL

TASK RELEVANCE:

- ☒ Project/Program Management
- ☒ Program Schedule & Budget
- ☒ Managed CSS & Environmental Re-Evaluation
- ☒ Managed Surveying Services
- ☒ Traffic Engineering & Design
- ☒ Roadway & Hydraulic Design
- ☒ Bridge Design
- ☒ Utility Impacts & SUE
- ☒ Preliminary Plan Development & Cost Estimates
- ☒ Teamed with GEC to deliver Exceptional Design Solutions



FIRM NAME	Stantec Consulting Services Inc.		DISCIPLINE(S)	Road, Traffic, Bridge
PROJECT NAME	US 90 AT LA 318 INTERCHANGE DESIGN-BUILD		FIRM RESPONSIBILITY (prime or sub?)	Sub-consultant
PROJECT NUMBER	H.004932	OWNER'S NAME	Louisiana Department of Transportation and Development	
PROJECT LOCATION	St. Mary Parish, Louisiana		OWNER'S PROJECT MANAGER	Timothy Nickel, PE
OWNER'S ADDRESS, PHONE, EMAIL	1201 Capital Access Road, Baton Rouge, LA 70802 225-379-1110 timothy.nickel@la.gov			
SERVICES COMMENCED BY THIS FIRM (MM/YY)	07/15	TOTAL CONSULTANT CONTRACT COST (\$1,000's)		\$4,917
SERVICES COMPLETED BY THIS FIRM (MM/YY)	06/18	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000's)		\$4,191.9

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

Accelerated the Design and Construction of this Safety-Critical Interchange on the Future I-49 Corridor.

Stantec served as the Lead Design Engineer for this Design-Build project which improved the intersection of US 90 at LA 318 to a grade separated interchange and brought US 90 up to interstate standards as a part of the Future I-49 Corridor. The project included **dual overpass bridges**, ramps, and frontage road relocations. It also improved LA 318 to a two-lane divided highway within the interchange footprint.

During the project, Stantec provided supporting exhibits and materials to assist in the re-evaluation of the environmental document due to the approved Alternative Technical Concept (ATC) for the project. Stantec also developed public meeting exhibits and participated in the meeting to inform participants about the proposed changes.

Topographic Survey was provided by DOTD for this project, but Stantec provided property survey, ROW mapping and ROW acquisition for the project. During the Definitive Design, Interim, and RFC Design Phases (i.e. **Preliminary and Final Design**), we coordinated horizontal and vertical design roadway elements with the bridge group, as well as performed cross drain and open ditch **hydraulic analysis** using HEC-RAS and DOTD HYDRWIN software in this rural area to ensure that adverse drainage conditions would not result from the proposed improvements. The new I-49 bridges were designed as twin overpasses with repetitive spans of 111-ft, DOTD LG-54 girders - streamlining both design and construction. Prior to the approval of the design phases, Stantec was required to develop a **Level 3 TMP** document for the project.

Stantec was **responsible for utility relocations** on this project and worked closely with the District 03 Utility Relocation Specialist to develop utility relocation agreements and permits, and process utility cost estimates, invoices and change orders for six utility companies with facilities in conflict with the project. Stantec also designed water and sanitary sewer relocation plans for St. Mary Parish. **Stantec performed Quality Reviews** by implementing their Quality Management Plan, which included reviews by the Discipline lead, Design Manager, and an **Independent Reviewer for each RFC submittal**.

Stantec was heavily involved in the construction process, **providing construction support by responding to Contractor RFIs, NCRs, and design clarifications** needed to assist them with making progress. We also attended weekly progress meetings and quarterly partnering meetings. Stantec worked closely with GEC, DOTD's Owner Verification Team, during design and construction to insure a high-quality project.

TEAM MEMBERS INVOLVED: G. HEITMAN, J. CAINS, B. JOHNSON, J. LEFANTE, N. PRUDHOMME, M. O'ROURKE, J. KREBS, C. HALL, G.E.C. INC. & GEOENGINEERS, INC.

TASK RELEVANCE:

- ☒ Alternative Delivery Technical Services
- ☒ Project Management
- ☒ Environmental & Permit Support
- ☒ Preliminary and Final Design, Plan Development, & Cost Quantities
- ☒ Traffic Engineering & Design & TMP
- ☒ Roadway & Hydraulic Design
- ☒ Bridge Design
- ☒ Utility Oversight & Coordination
- ☒ Quality Control & Peer Reviews
- ☒ Construction Support
- ☒ Teamed with GeoEngineers to deliver Exceptional Design Solutions



FIRM NAME	Stantec Consulting Services Inc.		DISCIPLINE(S)	Road, Bridge, Traffic
PROJECT NAME	I-210: COVE LANE INTERCHANGE & IMPROVEMENTS		FIRM RESPONSIBILITY (prime or sub?)	Prime
PROJECT NUMBER	H.010151	OWNER'S NAME	Louisiana Department of Transportation and Development	
PROJECT LOCATION	Lake Charles, Louisiana		OWNER'S PROJECT MANAGER	Timothy Nickel
OWNER'S ADDRESS, PHONE, EMAIL	1201 Capital Access, Baton Rouge, LA 70808 225-379-1110 timothy.nickel@la.gov			
SERVICES COMMENCED BY THIS FIRM (MM/YY)	04/11	TOTAL CONSULTANT CONTRACT COST (\$1,000's)		\$6,429.1
SERVICES COMPLETED BY THIS FIRM (MM/YY)	03/15	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000's)		\$4,723.1

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

"I also want to thank the consultant, Stantec... I want to recognize you all for your forward thinking and your help in partnering and bringing everyone together to make this project successful." - DOTD Secretary, Sherri LeBas (2016)

A fast-tracked implementation schedule for a proposed \$600M casino/resort facility created the **immediate need for improved interstate access** and local street connectivity in Southwest Lake Charles. The new casino development was obligated to be open three years from the date the Gaming Commission approved the development. Our relationships with the Developer, DOTD, and FHWA—combined with our knowledge of the policies and procedures required by the state and federal agencies—allowed us to facilitate a partnership to help identify the type of access needed and move quickly to a shovel-ready project.

Stantec began with the **traffic analysis necessary to satisfy FHWA IMR policy points** and DOTD's alternative development process, which resulted in 29 different interchange alternatives being analyzed individually along I-210. Once all alternatives were vetted through traffic analysis, **5 alternatives were selected to move forward into the environmental process**. Stantec provided the supporting **roadway design exhibits and information necessary to obtain environmental clearance** to Arcadis (EA/FONSI), while designing preliminary plans AT-RISK concurrent with the environmental process. Once environmental clearance was obtained, final plans progressed in short order to allow construction of the interchange to begin as soon as possible and be open to traffic in time for the casino's opening.

The **design was complex**, including a tight urban diamond interchange, retaining walls on top of a load transfer platform due to poor soils, and tight right-of-way constraints which made phasing of construction and maintenance of traffic challenging. A **Level 2 TMP** was developed for this project, with an added level of TCP detailing and strategies due to the critical nature of maintaining traffic on I-210 and the complexities of the construction.

The project includes one roundabout located on the development's property. With quick turnarounds for limited milestone submittals, **quality review was particularly critical to the success** of the project. Stantec managed the project well by implementing a special "review workshop" format between milestones to inform and update reviewers of the design elements, challenges, and design justifications during the delivery process. As a result, a typical eight to ten year process of **planning through construction letting was reduced to just over two years**. Stantec also coordinated with utility companies, answered contractor's questions and provided construction support to District 7. There was also a focused effort on MSE wall block construction where Stantec visited the fabrication site to inspect block tolerance.

TEAM MEMBERS INVOLVED: G. HEITMAN, S. WALLACE, N. PRUDHOMME, J. CAINS, J. LEFANTE, B. JOHNSON, M. O'ROURKE, J. KREBS, M. DAVIS, C. HALL, S. HOFFELD (at previous firm)

TASK RELEVANCE:

- ☒ Project Management
- ☒ Environmental & Permits*
- ☒ Preliminary/Final Roadway Design, Plan Development, & Cost Estimates
- ☒ Bridge Design
- ☒ Roadway & Hydraulic Design
- ☒ Traffic Engineering & Design
- ☒ IMR and TMP
- ☒ Project Specific Specifications
- ☒ Quality Control & Peer Reviews
- ☒ Utility Conflicts & Coordination
- ☒ Letting Support
- ☒ Construction Support

In 2016, **ENR awarded the project Regional Best Project Award of Merit: Highway/Bridge**. For our **project management** efforts on the project, we received a **4.9 out of 5.0 rating score** from DOTD.



SUBCONSULTANT PROJECTS:

G.E.C., INC.

GEOENGINEERS, INC.

SURVEYING AND MAPPING, LLC (FORMERLY SJB GROUP, LLC)

CIVIL DESIGN & CONSTRUCTION, INC.

REICH LANDSCAPE ARCHITECTURE, L.L.C.

FRANKLIN ASSOCIATES, LLC

KREBS CORPORATION.

FIRM NAME	G.E.C., Inc.		DISCIPLINE(S)	Road, Bridge
PROJECT NAME	I-10 & I-12 COLLEGE DR FLYOVER RAMP DESIGN-BUILD		FIRM RESPONSIBILITY (prime or sub?)	Prime
PROJECT NUMBER	H.013897	OWNER'S NAME	Louisiana Department of Transportation and Development	
PROJECT LOCATION	East Baton Rouge Parish, Louisiana		OWNER'S PROJECT MANAGER	Peggy Jo Paine, PE
OWNER'S ADDRESS, PHONE, EMAIL	1201 Capitol Access Road, Baton Rouge, LA 70802 225-379-1065 Peggy.Paine@LA.gov			
SERVICES COMMENCED BY THIS FIRM (MM/YY)	08/20	TOTAL CONSULTANT CONTRACT COST (\$1,000's)		\$6,079
SERVICES COMPLETED BY THIS FIRM (MM/YY)	04/25	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000's)		\$4,025

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

The BOH/GEC Team provided engineering and construction services for this urban interchange Design-Build project which provided improved access to College Dr from westbound I-10 and I-12 in Baton Rouge. GEC was the task lead for road and bridge design for the entire project.

GEC implemented an innovative design which had not been studied previously to simplify the traffic movement on a new alignment that addressed impacts to surrounding areas. This design also reduced the footprint established by NEPA documentation and resulted in \$20M cost savings compared to other bids. The Team's design improves the flow of traffic and safety by improving the I-10/I-12 merge through the elimination of lane changes that must occur when I-10 WB traffic exits at College Drive. GEC's design achieves this by realigning the two existing I-12 WB through lanes to more closely follow the I-12 EB existing alignment, completely replacing the I-10 WB Overpass Bridge with a new structure at a bridge width which accommodates both the I-10 WB through lanes and the I-10 WB College Drive exit ramp. Improvements to the I-12/I-10 exit lane with College Drive intersection are also included.

The project required that 5 lanes of traffic be maintained at all times though this heavily traveled urban corridor. GEC staff developed bridge plans to construct the widening and rehabilitation in multiple phases to maintain the required 5 lanes of traffic with a level 4 Transportation Management Plan (TMP). GEC 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 also provided hydraulic design which included the design of several subsurface drainage systems and cross drains. GEC performed hydraulic channel analysis to ensure the project did not negatively impact the surrounding areas. An opinion of probable cost for the project was also calculated by the GEC team and provided to the contractor. GEC completed a photometric report and lighting plans for the design-build project, along with environmental compliance plans and permitting services, including adhering to and updating NEPA Documentation, environmental mitigation, wetland mitigation, SWPPP, tree impact plan, and permit modification services. GEC also revised the existing network study and conceptual alternatives analysis (line and grade alternatives), ROW acquisition plan, hurricane preparedness and evacuation plan, safety plans, and the Interchange Modification Report (IMR). GEC also provided public/stakeholder outreach and conducted public meetings. Construction began in May 2021 and the safer traffic configuration was opened to traffic in April 2025.

TEAM MEMBERS INVOLVED: J. LOHMANN, C. NIPPER, C. BOURGEOIS, S. LEBAS, K. REBELLO, V. VENKATA, N. MONTEGUT

Scope Similarities:

- ✓ Roadway Design
- ✓ Bridge Design
- ✓ Alternative Delivery
- ✓ Roadway Lighting Design
- ✓ Construction Support



Photo of realigned I-12 WB through lanes to more closely follow the I-12 EB existing alignment along with new I-10 flyover bridge

"The completion of the College Drive flyover is a major win for Baton Rouge. This project is an important step towards enhancing safety and quality of life for drivers in the capital city. I'm grateful to DOTD and all the partners involved for prioritizing a smart, forward-thinking solution to one of our region's most persistent traffic challenges," said East Baton Rouge Mayor-President Sid Edwards in DOTD's June 2025 Press Release.

FIRM NAME	G.E.C., Inc.		DISCIPLINE(S)	Road, Environmental
PROJECT NAME	I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12		FIRM RESPONSIBILITY (prime or sub?)	Sub
PROJECT NUMBER	H.004100	OWNER'S NAME	Louisiana Department of Transportation and Development	
PROJECT LOCATION	Baton Rouge, LA		OWNER'S PROJECT MANAGER	Nicholas Olivier
OWNER'S ADDRESS, PHONE, EMAIL	1201 Capitol Access Road, Baton Rouge, LA 70802 225-379-1133 Nicholas.Olivier@LA.gov			
SERVICES COMMENCED BY THIS FIRM (MM/YY)	09/20	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)		\$ 10,741

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

GEC is providing a key leadership role to deliver the I-10 Widening project in Baton Rouge, performing design and managing environmental compliance and public engagement for this complex CMAR project.

As a sub-consultant to Huval, GEC is providing project management, engineering and related design services to develop the construction plans for the Construction Management at Risk (CMAR) project for improvements to I-10, including frontage roads, through the urban area of Baton Rouge, LA. LADOTD is in the process of widening I-10 from the LA 415 interchange (west side of Mississippi River) to just east of the I-10/I-12 split (east side of the Mississippi River).

CMAR Phase 1 of the Project extends from W. of Washington Street to just east of the I-10/I-12 interchange (east side of the Mississippi River). CMAR Phase 2 is the remainder of the corridor from LA 415 to just W. of Washington Street (Lorri Burgess Avenue) (work in this area will exclude the existing Mississippi River Bridge). GEC assisted with the design and development of the Roadway Corridor Preservation (RCP) Plans for Phase 1. GEC is currently providing project management and design services for CMAR Segment 1. GEC is assisting with project management as the project's primary management partner and is responsible for overseeing a wide range of critical project elements including the development of the Design Quality Manual that outlines processes to be followed during the design phase. Additionally, GEC has developed a detailed Project Management Plan, outlining the strategies and processes that guide the project's progression from start to finish. Recognizing the financial complexities inherent in a project of this scale, GEC has also led the creation of the Initial Financial Plan and provides continuous updates. GEC leads the crucial effort for NEPA re-evaluations which includes documentation, stakeholder meetings, public meetings (logistics and development of information), and the development and coordination of content from other team members and LADOTD into the comprehensive document for submittal to FHWA. In addition, GEC provides oversight for compliance with the mitigations and commitments included in the NEPA document and the coordination and development of information and graphics required for securing the appropriate permits and assists with Document Control. GEC road design staff is completing the redesign of the Perkins area which includes the realignment of an existing local roadway, implementing new parking areas and pedestrian facilities, the design of new subsurface drainage systems, and the quantities associated with the Perkins area. GEC's structures and bridge teams are responsible for design of four bridge ramps and over 7,000 linear feet of retaining walls. GEC electrical staff is designing the roadway lighting for the interstate improvements and the aesthetic lighting which includes lighting of the new City Park Lake Bridge. The team has been nimble throughout the CMAR process to assist and accommodate vetting ideas, modify designs, and develop strategies to deliver this complex transformative project on schedule for the citizens that live within the corridor, use the interstate for travel through Baton Rouge.

TEAM MEMBERS INVOLVED: S. LEBAS, C. BOURGEOIS, K. REBELLO, C. NIPPER, T. COERVER, L. DIAZ, B. BERNARD, J. FOGELMAN, V. VENKATA

Scope Similarities:

- ✓ Roadway Design
- ✓ Environmental Support
- ✓ Roadway & Aesthetic Lighting Design
- ✓ Alternative Delivery



Concept plan for Perkins Road area (subject to change)

FIRM NAME	G.E.C., Inc.		DISCIPLINE(S)		Road, Bridge
PROJECT NAME	I-10 WIDENING, WILLIAMS BLVD. TO VETERANS BLVD.			FIRM RESPONSIBILITY (prime or sub?)	Prime
PROJECT NUMBER	H.003074	OWNER'S NAME	Louisiana Department of Transportation and Development		
PROJECT LOCATION	Jefferson Parish, Louisiana			OWNER'S PROJECT MANAGER	Mohammad Nur
OWNER'S ADDRESS, PHONE, EMAIL		1201 Capitol Access Road, Baton Rouge, LA 70802 225-379-1028 Mohammad.Nur@la.gov			
SERVICES COMMENCED BY THIS FIRM (MM/YY)		07/12	TOTAL CONSULTANT CONTRACT COST (\$1,000's)		\$7,981
SERVICES COMPLETED BY THIS FIRM (MM/YY)		Ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000's)		\$5,088
Describe the project including the firm's role and members involved. (Highlight members to be used in this proposal.)					

GEC is advancing the widening and reconstruction of a critical stretch of I-10 in Jefferson Parish to improve capacity in a heavily traveled corridor. The design prioritizes uninterrupted mobility for users by phasing construction to maintain three lanes of traffic in each direction at all times.

GEC is currently designing the roadway widening, new bridges, and interchanges of I-10 between Williams Boulevard and Veterans Boulevard in Jefferson Parish. All design is in accordance with the latest AASHTO LRFD Bridge Design Specifications, the LADOTD Bridge Design and Evaluation Manual (BDEM), and all LADOTD Bridge Design Technical Memoranda.

Final design plans are 95% complete and all comments have been addressed. 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. Project design features include an interchange, a diamond with a partial cloverleaf, and on/off ramps to Veterans Blvd.

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, and the design of a diamond interchange (WB) and partial cloverleaf interchange (EB). GEC provided feasibility studies, road design, bridge design, electrical design, and environmental analyses for this project. The bridges over Canal No. 3 and Veterans Blvd. will be replaced with a combination of concrete slab spans, PPC girder spans, and steel plate girder spans. 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. The new GEC-designed bridges over Canal No. 3 and Veterans Blvd. will be constructed in 3 phases to maintain 3 lanes of traffic on I-10 in each direction at all times. This project includes a level 2 Transportation Management Plan (TMP).

TEAM MEMBERS INVOLVED: C. BOURGEOIS, J. LOHMANN, C. NIPPER, K. REBELLO, V. VENKATA

Scope Similarities:

- ✓ Roadway Design
- ✓ Bridge Design
- ✓ Transportation Management Plan
- ✓ Project Management and Support
- ✓ Roadway Lighting Design

FIRM NAME	GeoEngineers, Inc.		DISCIPLINE(S)		Geotech
PROJECT NAME	I-210 AT COVE LANE INTERCHANGE (DESIGN AND CONSTRUCTION)			FIRM RESPONSIBILITY (prime or sub?)	Prime
PROJECT NUMBER	H.01015	OWNER'S NAME	Louisiana Department of Transportation and Development		
PROJECT LOCATION	Route I-210, Lake Charles, LA			OWNER'S PROJECT MANAGER	Benjamin Fernandez
OWNER'S ADDRESS, PHONE, EMAIL		1201 Capitol Access Road, Baton Rouge, LA 70802 225.379.1821 Benjamin.Fernandez@la.gov			
SERVICES COMMENCED BY THIS FIRM (MM/YY)	08/12	TOTAL CONSULTANT CONTRACT COST (\$1,000's)			\$80,000
SERVICES COMPLETED BY THIS FIRM (MM/YY)	07/15	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000's)			\$2,470
Describe the project including the firm's role and members involved. (Highlight members to be used in this proposal.)					

GeoEngineers completed a geotechnical engineering evaluation, design and construction monitoring for the new Interstate 210 (I-210) overpass of Cove Lane in Lake Charles, Louisiana. This fast-track project required our team to mobilize five different drill rigs for explorations and staff from offices across the country to meet the schedule requirements. We completed engineering analyses and provided design and construction recommendations for about 8,000 driven pile foundations (provided PDA/CAPWAP evaluation of the piles during installation), MSE walls, and wick-drain/surcharge design to reduce post-construction embankment settlement, in accordance with AASHTO LRFD specifications for highway bridges.

GeoEngineers provided a complete geotechnical investigation, including 128 explorations (43 drilled soil borings and 85 CPTs) to depths in the range of 20 to 120 feet and associated soil laboratory testing for the I-210 overpass structure with approach embankments and ramps, which is aligned within a very crowded corridor between Cline Canal and private property. The proposed embankment overpass structure used a tight urban diamond configuration with a roundabout for the new Cove Lane interchange. The team used PDA equipment to evaluate and monitor installation of one pile every 50 of the 8,000 piles the contractor placed. In addition, our numerous detailed records provided valuable information to the DOTD and team members during the project. The work for this large project had to be performed very close to live traffic. Safety measures were heightened even more to ensure the safety of everyone working on the project and to the ongoing traffic.

TEAM MEMBERS INVOLVED: J. ARONSTEIN, L. SANT, K. KILFIAN, D. ELEY



FIRM NAME	GeoEngineers, Inc.		DISCIPLINE(S)		Geotech
PROJECT NAME	US 90, LA 318 INTERCHANGE DESIGN BUILD			FIRM RESPONSIBILITY (prime or sub?)	Sub
PROJECT NUMBER	H.004932	OWNER'S NAME	Louisiana Department of Transportation and Development		
PROJECT LOCATION	St. Mary Parish, LA			OWNER'S PROJECT MANAGER	Tim Nickel, PE
OWNER'S ADDRESS, PHONE, EMAIL		1201 Capitol Access Road, Baton Rouge, LA 70802 225.379.1110 Timothy.Nickel@la.gov			
SERVICES COMMENCED BY THIS FIRM (MM/YY)	05/15	TOTAL CONSULTANT CONTRACT COST (\$1,000's)			~ \$56,000
SERVICES COMPLETED BY THIS FIRM (MM/YY)	04/18	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000's)			\$734
Describe the project including the firm's role and members involved. (Highlight members to be used in this proposal.)					

The US90/LA318 Interchange project was in preparation for the conversion of US90 to future I-49 in St. Mary Parish and included construction of access ramps between US90 and LA318, realignment of the frontage road for local access parallel to US90, and elevating US90 over LA318. As part of the design-build team with Gilchrist Construction Company, GeoEngineers provided geotechnical engineering design services and construction recommendations. Our work included completing preliminary designs for compliance with AASHTO LRFD and LADOTD standards. GeoEngineers also provided geotechnical design to the bridge, road and contractor teams as needed throughout the duration of the design-build construction process and provided PDA/CAPWAP evaluation of the piles during installation. Areas of geotechnical design include the following:

- Review of project geology and explorations previously completed.
- Providing explorations and laboratory testing for foundation, embankment, and pavement design.
- Engineering analysis and recommendations for driven pile foundations for highway overpass bridges and drainage culvert design.
- Engineering analysis and recommendations for wick drains and surcharge to reduce post-construction embankment settlement, including field monitoring.
- Field monitoring of pile dynamic testing including WEAP and PDA/CAPWAP analysis.

As part of the design build process, GeoEngineers developed a preliminary subsurface conditions evaluation describing local geology, available geotechnical information, and plotted design standards to help refine the team's design approach. Now that our team is in construction, GeoEngineers completed the geotechnical investigations, analyses, design, and construction monitoring including Pile Driving Analyzer (PDA) equipment to evaluate and monitor installation of piles. Our design services included providing foundation, embankment, pile, and pavement design recommendations.

TEAM MEMBERS INVOLVED: J. ARONSTEIN, L. SANT, J. MCLEOD



FIRM NAME	GeoEngineers, Inc.		DISCIPLINE(S)		Geotech
PROJECT NAME	LOYOLA DRIVE/I-10 INTERCHANGE TO NEW AIRPORT TERMINAL DESIGN BUILD			FIRM RESPONSIBILITY (prime or sub?)	Sub
PROJECT NUMBER	H.011670	OWNER'S NAME	Louisiana Department of Transportation and Development		
PROJECT LOCATION	Jefferson Parish, LA			OWNER'S PROJECT MANAGER	Tim Nickel, PE
OWNER'S ADDRESS, PHONE, EMAIL		1201 Capitol Access Road, Baton Rouge, LA 70802 225.379.1110 Timothy.Nickel@la.gov			
SERVICES COMMENCED BY THIS FIRM (MM/YY)	01/19	TOTAL CONSULTANT CONTRACT COST (\$1,000's)			~\$125,000
SERVICES COMPLETED BY THIS FIRM (MM/YY)	04/24	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000's)			\$1,100
Describe the project including the firm's role and members involved. (Highlight members to be used in this proposal.)					

GeoEngineers completed the geotechnical exploration, testing, and engineering for this high-profile design build project that will ultimately improve the Loyola Drive interchange to increase operational efficiency and traffic capacity. The pre-existing I-10 interchange was a multi-level, controlled access interchange consisting of two overpass bridges. The LANOIA Airport had plans to build a new terminal and subsequently move the I-10 exit from Williams Boulevard to Loyola Drive. To do this, LA DOTD hired a design-build team to:

- Modify the existing ramps and construct a new multi-level interchange, including two one-way elevated flyovers and a diverging diamond on at-grade interchange Loyola Drive.
- Add auxiliary lanes along I-10, including over Duncan Canal.
- Construct noise barriers at various locations throughout the project corridor.
- Upgrade Loyola Drive north and south of I-10 and tie it into the LANOIA corridor Airport Access Road.
- Improve drainage and lighting, relocate utilities, and provide pier protection.

As part of the design build procurement process, GeoEngineers developed a preliminary subsurface conditions evaluation describing local geology, available geotechnical information, and plotted preliminary design standards to help refine the team's design approach. GeoEngineers worked with the contractor and design team to provide the geotechnical investigations, analyses, design, and construction (provided PDA/CAPWAP evaluation of the piles during installation). Our design services included providing foundation, embankment, pile, and pavement design recommendations.

TEAM MEMBERS INVOLVED: J. ARONSTEIN, L. SANT, K. KILFIAN, J. MCLEOD



FIRM NAME	Surveying and Mapping, LLC (formerly SJB Group, LLC)		DISCIPLINE(S)	Survey, Right-of-Way, Other (SUE)
PROJECT NAME	I-10 CALCASIEU RIVER BRIDGE PUBLIC-PRIVATE PARTNERSHIP PROJECT		FIRM RESPONSIBILITY (prime or sub?)	Sub
PROJECT NUMBER	H.003931	OWNER'S NAME	Louisiana Department of Transportation and Development	
PROJECT LOCATION	Calcasieu Parish, LA		OWNER'S PROJECT MANAGER	Paul Vaught, PE
OWNER'S ADDRESS, PHONE, EMAIL	1201 Capitol Access Road, Baton Rouge, LA 70802 225.379.1816 paul.vaughtiii@la.gov			
SERVICES COMMENCED BY THIS FIRM (MM/YY)	08/24	TOTAL CONSULTANT CONTRACT COST (\$1,000's)		\$130,000
SERVICES COMPLETED BY THIS FIRM (MM/YY)	Ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000's)		\$3,000

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

Firm's Role and Responsibilities: Property Survey, Topographic Survey, Right-of-Way Mapping, Subsurface Utility Engineering (SUE)

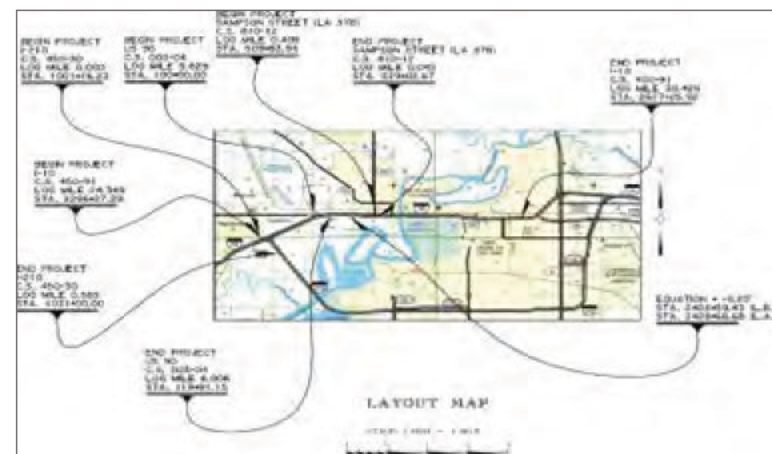
Project Description: SAM, LLC is undertaking critical tasks for the I-10 Calcasieu River Bridge project, including Property Surveying, limited Topographic Surveying (to verify and supplement existing topographic surveys), and Utility Coordination throughout the project limits. This initiative is the largest in the history of the Louisiana Department of Transportation and Development (LA DOTD) and one of North America's most substantial infrastructure projects commissioned in 2023. The existing bridge demolition and replacement will have a significant impact on existing properties and utility facilities within the limits of the project which is a heavily congested residential, commercial and industrial corridor.

The Property Surveying work covers a 5.5-mile stretch of Interstate 10 within the design-build boundaries. This extensive task involves thorough title research to gather existing surveys and deeds, field surveying, and mapping for all parcels along the corridor. The range of properties includes small residential lots to large commercial and industrial tracts. Right of way acquisition will be necessary for segments of the project. All property surveys and Right-of-Way Mapping will adhere to the Standards of Practice for route surveys set forth by the Louisiana Professional Engineering and Land Surveying Board, as well as LA DOTD's Location and Survey Manual requirements. The technical provisions of the project require the developer to verify and confirm the location, accuracy and datum of the survey control network provided by DOTD in the bid phase of the project. This was completed using a control network from the provided network to establish fixed horizontal coordinate results for each location of the provided control. There will also be additional topographic surveys necessary to supplement the topographic survey provided by DOTD.

The bridge relocation and the reconfiguration of interchanges will extensively impact utilities within the project limits. These utilities include both local, municipally owned infrastructure to large industrial pipelines. The coordination of these utilities' relocation is a complex, iterative process requiring collaboration with LA DOTD, developers, property owners, and utility stakeholders to ensure the project adheres to budget and schedule constraints. Key utility coordination activities include:

- Preparing conflict matrices and conflict plans to identify and resolve utility conflicts.
- Drafting and utility relocation agreements and utility permits
- Managing the development and coordination of as-built plans to document completed relocations.

Team Members Involved: K. KENNEDY, M. ESTOPINAL, R. BURGESS



FIRM NAME	Surveying and Mapping, LLC (formerly SJB Group, LLC)		DISCIPLINE(S)	Survey
PROJECT NAME	LA 1 TO LA 415 CONNECTOR TO INTERSTATE 10		FIRM RESPONSIBILITY (prime or sub?)	Prime
PROJECT NUMBER	H.005121	OWNER'S NAME	Louisiana Department of Transportation and Development	
PROJECT LOCATION	Port Allen, West Baton Rouge Parish, LA		OWNER'S PROJECT MANAGER	Jonathan Herrod
OWNER'S ADDRESS, PHONE, EMAIL		1201 Capitol Access Road, Baton Rouge, LA 70802 225.379.1105 Jonathan.Herrod@la.gov		
SERVICES COMMENCED BY THIS FIRM (MM/YY)		10/23	TOTAL CONSULTANT CONTRACT COST (\$1,000's)	\$2.500
SERVICES COMPLETED BY THIS FIRM (MM/YY)		Ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000's)	\$2.500
Describe the project including the firm's role and members involved. (Highlight members to be used in this proposal.)				

Firm's Role and Responsibilities: Topographic Survey, Subsurface Utility Engineering (SUE)

Project Description: The project provides field data for the final design of a roadway to connect LA 1 to LA 415. The project is a supplement to previously performed surveying for the realignment of the due to recent development and construction. The project limits included a 2.9-mile corridor beginning approximately 0.2 miles north of the intersection of I-10 and LA 415 and continuing in a southeasterly direction along the extension of LA 415 across the intercoastal canal, industrial areas, and agriculture field to the intersection of LA. The project limits also include an approximate 1.8-mile corridor along LA 1 that extends from the roadway into residential, commercial, and retail areas. The project includes the collection of current conditions of the areas included in the project limits and merging the current data with the previous survey and updating any observed condition changes. The project included the recovery and supplement of the existing control network. The collection of field data is completed through the utilization of conventional survey methods with survey total stations and global positioning systems (GPS). Mobile LiDAR survey methods utilized for the collection of data along the high traffic segments of LA 1, Interstate 10 ramps, and LA 415. The data was processed through Trimble Business Center, with data extraction performed through TopoDot. The survey is being conducted according to the Louisiana Department of Transportation and Development Location and Survey Manual. The deliverables were provided in accordance with the LA DOTD guidelines for electronic deliverables.

Team Members Involved: **R. BURGESS, T. NORRIS, B. JACOBS, T. FOSTER, E. KIDDER**



FIRM NAME	Surveying and Mapping, LLC (formerly SJB Group, LLC)		DISCIPLINE(S)		Survey, Right-of-Way, Other (SUE)
PROJECT NAME	I-10: LA 415 TO ESSEN ON I-10 AND I-12			FIRM RESPONSIBILITY (prime or sub?)	Prime
PROJECT NUMBER	H.004100	OWNER'S NAME	Louisiana Department of Transportation and Development		
PROJECT LOCATION	East Baton Rouge Parish, LA			OWNER'S PROJECT MANAGER	Mark Hughes
OWNER'S ADDRESS, PHONE, EMAIL		1201 Capitol Access Road, Baton Rouge, LA 70802 225.379.1206 Mark.Hughes@la.gov			
SERVICES COMMENCED BY THIS FIRM (MM/YY)		07/21	TOTAL CONSULTANT CONTRACT COST (\$1,000's)		\$2,500
SERVICES COMPLETED BY THIS FIRM (MM/YY)		Ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000's)		\$2,500
Describe the project including the firm's role and members involved. (Highlight members to be used in this proposal.)					

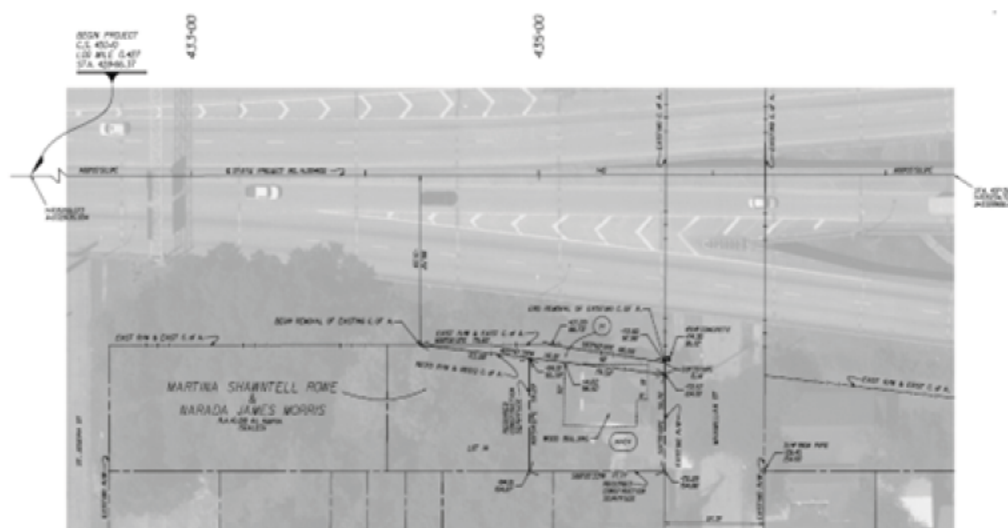
Firm's Role and Responsibilities: Property Survey, Topographic Survey, Right-of-Way Mapping, Subsurface Utility Engineering (SUE)

Project Description: SJB Group performed Property Surveying, limited Topographic Surveying (to supplement and verify previous topographic surveys), as well as Subsurface Utility Engineering throughout the I-10 and I-12 corridor to aid in the proposed widening of I-10 from LA415 to Essen Lane.

Property Surveying included a 4.4-mile stretch of Interstate extending from LA 415 to Essen Lane in East Baton Rouge Parish for the Louisiana Department of Transportation and Development's widening project. This required extensive title research to acquire the necessary existing surveys and deeds (in addition to the substantial amount of review of the title research reports supplied to SJB by LADOTD). It also required field surveying and mapping in excess of one hundred parcels along the project corridor, which range in size from small urban residential lots to large commercial tracts. This project corridor also encompasses existing drainage servitudes, a railroad right-of-way, and numerous side streets in the heart of Baton Rouge, all of which SJB surveyed and mapped.

This project involved the collection of utility owner record information and other project research used in the development of a comprehensive map using Quality Level D information, used by the design team to avoid critical utilities in preliminary design phases. Records research (Quality Level D) and designating (Quality Level B) SUE efforts throughout the entire 12-mile project corridor were key in providing more reliable and complete utility information. All locations and approximate depths of subsurface utilities, along with above ground utilities and utility features were surveyed within SJB's portion of the project limits. SJB performed the QA/QC of the final survey to review all utility data to provide a report certifying the depiction of the utility data within.

Team Members Involved: M. ESTOPINAL, R. BURGESS, J. SAVOIE, T. NORRIS, B. JACOBS, T. FOSTER



FIRM NAME	Civil Design and Construction, Inc. (CD&C)		DISCIPLINE(S)	Survey
PROJECT NAME	LA 335			FIRM RESPONSIBILITY (prime or sub?) Sub
PROJECT NUMBER	H.015949	OWNER'S NAME	Louisiana Department of Transportation and Development	
PROJECT LOCATION	Lafayette Parish, LA			OWNER'S PROJECT MANAGER Adam J. Fields, PE (Stanley Consultants, Prime)
OWNER'S ADDRESS, PHONE, EMAIL	700 Main Street Suite 405 Baton Rouge, LA 70802 225-388-4219 fieldsadam@stanleygroup.com			
SERVICES COMMENCED BY THIS FIRM (MM/YY)	11/24	TOTAL CONSULTANT CONTRACT COST (\$1,000's)		N/A
SERVICES COMPLETED BY THIS FIRM (MM/YY)	05/25	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000's)		\$140

Describe the project including the firm's role and members involved. (Highlight members 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 began at the LA 335 and LA 694 centerline and continued North along LA 335 for 3.45 miles to the intersection of LA 335 and Port Street. The survey at the intersection of both LA694 and Port Street continued down each street for 300' in both directions. The width of the survey was from five feet behind apparent right of way to apparent right of way or five feet from behind back of ditch. CD&C located the start and end points of all bridge decks and super structures, approach slabs, wing walls, and headwalls and all crossing streams, canals, and coulees were located 500 feet from face of drainage structure. Subsurface Utility locations followed a modified SUE QL-B of ASCE standard 38-22 for the intersection of LA 335 & Port Street and for the Gulf South Pipeline utility that runs approximately 3,196' and for each pipeline crossing.

CD&C's Role: A full topographic survey was performed along this route, including all utilities and drainage structures. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. Final submittal was in accordance with the latest LADOTD Location and Survey standards. CD&C also submitted a detailed point report which lists every point found using the on QL-B of ASCE standard 38-22 using survey/CAD drawing with depth and QL level of each point. Along with all attributes available for each utility.

Performed in LA: 100%

Team Members Involved: M. MILLS, CJ GOODSPEED



FIRM NAME	Civil Design and Construction, Inc. (CD&C)		DISCIPLINE(S)	Survey
PROJECT NAME	LA 317 - WAX LAKE B			FIRM RESPONSIBILITY (prime or sub?) Sub
PROJECT NUMBER	H.014824.5	OWNER'S NAME	Louisiana Department of Transportation and Development	
PROJECT LOCATION	St. Mary Parish, 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)	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 members to be used in this proposal.)

Project Description: CD&C, Inc. was a sub-consultant on this project. CD&C, Inc. performed a full topographic beginning and ending 5000 feet beyond either end of the approach slab of the I-20 eastbound and westbound 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. The survey total distance was 2.03 miles with a width of approximately 350 feet. This included 1 mile along Highway 79 with a width of 300 feet.

CD&C's Role: CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. Final submittal was in accordance with latest LADOTD Location and Survey standards.

Performed in LA: 100%

Team Members Involved: C. BALLARD, M. MILLS, CJ GOODSPEED



FIRM NAME	Franklin Associates, LLC		DISCIPLINE(S)		Other (Public Outreach and Relations Support)
PROJECT NAME	I-10 CALCASIEU RIVER BRIDGE REPLACEMENT PROJECT			FIRM RESPONSIBILITY (prime or sub?)	Sub
PROJECT NUMBER	H.003931	OWNER'S NAME	Louisiana Department of Transportation and Development		
PROJECT LOCATION	Calcasieu Parish, Louisiana			OWNER'S PROJECT MANAGER	Paul Vaught, PE
OWNER'S ADDRESS, PHONE, EMAIL		1201 Capitol Access Rd., Baton Rouge, LA 70802 (225) 379-1816 Paul.Vaught@la.gov			
SERVICES COMMENCED BY THIS FIRM (MM/YY)	06/23	TOTAL CONSULTANT CONTRACT COST (\$1,000's)			\$2,300,000
SERVICES COMPLETED BY THIS FIRM (MM/YY)	Ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000's)			\$2,100
Describe the project including the firm's role and members involved. (Highlight members to be used in this proposal.)					

Franklin serves as the Public Information Manager for the I-10 Calcasieu River Bridge Replacement P3 project, which will replace an aging bridge along I-10 in Calcasieu Parish, addressing congestion issues and bridge deficiencies in the process. Under the P3 contract, the existing bridge will be replaced and I-10 widened to six lanes, with three lanes in each direction. Franklin leads all communications efforts related to the project, including but not limited to:

- Working with local stakeholders to assure deployment of workforce development plans.
- Developing and coordinating all public engagement during the project's design phase.
- Managing construction notifications throughout the seven-year build period.
- Managing emergency notification processes during construction using a combination of communications modes (website, social media, doorhangers, advertising, email notifications).
- Developing and deploying a tolling education campaign during the project launch phase.

Website: Franklin developed a project website and is responsible for its maintenance throughout the bridge project's design and build phases. The website serves as a hub of information where residents can find project updates, schedules, FAQs, photos, videos, and downloadable information as well as a project information portal for the public, providing real-time design and construction updates. Once the bridge is operational, the intent is that the website will be linked to LADOTD's web portal and accessible through www.geauxpass.com, the website for all Louisiana toll roads.

Tolling Education: Franklin will design and implement an education campaign as part of the outreach process, which will include creating and scheduling informational presentations; facilitating small group meetings; creating print and digital materials to make the public aware of the process; and providing guidance on how to set up a GeauxPass tolling account, pay invoices, contact customer service, and other tolling-related issues.

Groundbreaking Facilitation: Franklin Associates spearheaded the comprehensive event management and multi-agency coordination for the project's groundbreaking. Our team directed all onsite logistics, audio-visual production, and complex ceremonial protocols while seamlessly aligning participation across the Governor's office, LA DOTD, federal agencies, local municipalities, stakeholders, and media.

Accomplishments: Franklin developed a 10-year outreach and communications plan that currently includes website updates and tracking, newsletter production for a growing subscriber list, and social media accounts on Facebook and Instagram. Franklin has facilitated three public meetings as of November 2025 and delivers numerous presentations to community stakeholders. Part of Franklin's event management for the project groundbreaking was execution of a targeted media strategy that generated more than \$570,000 in earned media coverage for this milestone.

TEAM MEMBERS INVOLVED: J. TAYLOR, L. LIVINGSTON



FIRM NAME	Franklin Associates, LLC		DISCIPLINE(S)	Other (Public Outreach and Relations Support)
PROJECT NAME	I-10 WIDENING (LA 415 TO ESSEN LANE ON I-10 AND I-12) STAGE 0, 1, AND CMAR		FIRM RESPONSIBILITY (prime or sub?)	Sub
PROJECT NUMBER	H. 004100.2	OWNER'S NAME	Louisiana Department of Transportation and Development	
PROJECT LOCATION	East Baton Rouge and West Baton Rouge Parishes		OWNER'S PROJECT MANAGER	Nicholas Olivier, PE
OWNER'S ADDRESS, PHONE, EMAIL	1201 Capitol Access Road, Baton Rouge, LA 70802 225.379.1133 nicholas.olivier@la.gov			
SERVICES COMMENCED BY THIS FIRM (MM/YY)	10/2011	TOTAL CONSULTANT CONTRACT COST (\$1,000's)		N/A
SERVICES COMPLETED BY THIS FIRM (MM/YY)	Ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000's)		\$624

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

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

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

TEAM MEMBERS INVOLVED: J. TAYLOR, L. LIVINGSTON



FIRM NAME	Reich Landscape Architecture, L.L.C.		DISCIPLINE(S)	Other (Landscape Architecture)
PROJECT NAME	I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12		FIRM RESPONSIBILITY (prime or sub?)	Sub
PROJECT NUMBER	H.004100	OWNER'S NAME	Louisiana Department of Transportation and Development	
PROJECT LOCATION	Baton Rouge		OWNER'S PROJECT MANAGER	Nicholas Olivier, PE
OWNER'S ADDRESS, PHONE, EMAIL	1201 Capitol Access Road, Baton Rouge, LA 70802 225.379.1133 nicholas.olivier@la.gov			
SERVICES COMMENCED BY THIS FIRM (MM/YY)	03/21	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)		\$350 (estimated)
Describe the project including the firm's role and members involved. (Highlight members to be used in this proposal.)				

The I-10 Widening project involved improving overall system operation of Interstate 10 (I-10) through the Baton Rouge area, relieve congestion and extend the useful life of the facility, reduction of duration of the peak travel times and improved functionality, introduction of a greenway or multi use path that fills a missing link in Baton Rouge's Bicycle/Pedestrian Master Plan. Our firm's role included the alignment of the greenway and additional community centered context sensitive solutions (CC/CSS) along that greenway. We were involved in public outreach and engagement efforts by creating graphics, assisting at engagement events, and analyzing data gathered at these events. Our team, with the assistance of an arborist, created tree protection plans. We were also involved in the design of retaining walls, both MSE and cast in place, noise walls, bridge enhancement lighting, girders, barrier rails, piers, greenway lighting, monument towers, and an overall corridor aesthetics plan which identified a color palette for structures in the project. Bill and Emily were involved in all of the previously mentioned efforts.

TEAM MEMBERS INVOLVED: **W. REICH, E. DUNAWAY**

FIRM NAME	Krebs Corporation.		DISCIPLINE(S)		Other (Independent Cost Estimating & Scheduling)
PROJECT NAME	I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12			FIRM RESPONSIBILITY (prime or sub?)	Prime
PROJECT NUMBER	H.004100.5	OWNER'S NAME	Louisiana Department of Transportation and Development		
PROJECT LOCATION	Baton Rouge, LA			OWNER'S PROJECT MANAGER	Nicholas Olivier
OWNER'S ADDRESS, PHONE, EMAIL		1201 Capitol Access Road, Baton Rouge, LA 70802 225.379.1133 nicholas.olivier@la.gov			
SERVICES COMMENCED BY THIS FIRM (MM/YY)	03/2021	TOTAL CONSULTANT CONTRACT COST (\$1,000's)			\$4,400
SERVICES COMPLETED BY THIS FIRM (MM/YY)	Ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000's)			\$2,648
Describe the project including the firm's role and members involved. (Highlight members to be used in this proposal.)					

Project Facts: This is a \$1.1 billion, multi-work package project to reconstruct I-10 in the heart of Baton Rouge. The project is a CMAR project to replace the existing structures and add an additional lane in each direction and requires significant structure demolition and replacement, complex and challenging construction and traffic phasing, complete drainage replacement, utility conflicts to be mitigated, roadway reconstruction, sound wall replacement, ITS system installation and upgrades, retaining walls, earthwork and all other items required in large freeway reconstruction projects. Material delivery is challenging as most precast products and aggregate materials must be barged in and staged at intermediate locations. The project has extremely limited right-of-way, is located in an historic borough, has high ground water and poor soils so settlement is an issue, as well as having several stakeholders to work with. The project is also multi-phased due to funding constraints. This is the largest alternative delivery project for the DOTD.

Services Provided: Beginning in early 2021 Krebs has been providing **independent cost estimating and scheduling services** for the project. Krebs is working with the DOTD, the CMAR contractor (Kiewit-Boh) and the design team (Huval) to provide independent cost estimating services for the various work packages on the project. Krebs performs quantity takeoffs and reconciliations, estimate preparation and cost reviews, attends and participates in project meetings, risk reviews, risk workshops, constructability reviews, potential project saving (VE) discussions and others. Krebs provides the DOTD advice from a contractor point of view as well as preparing cost comparisons, provides negotiation support and advice regarding costs and markups, negotiates on behalf of the DOTD during cost discussions with the CMAR, prepares final estimate and cost submittal packages and continues to support the project during construction. Basically the Krebs team is a check and balance for cost related items and is working to help the DOTD receive a fair, reasonable price from the contractor while helping to reduce and mitigate risks.

% of Work Performed in Louisiana: 100%

Project Relevancy:

- CMAR Project Delivery – estimates at 30%, 60%, 90%, 100%
- Complex, multi phased project
- Very tight right-of-way, project footprint and access for construction.
- Challenging and complex phasing and traffic control
- All facets of highway construction
- Project Scheduling
- Public scrutiny and pressure, many stakeholders and outside influence to work through

TEAM MEMBERS INVOLVED: R. KREBS



SECTION 18

I-210 COVE LANE INTERCHANGE & ROUNDABOUT
*Awarded ENR's 2016 Regional Best
Project Award of Merit: Highway/Bridge*



18. Approach and Methodology:

INTRODUCTION

Stantec's team delivers rapid response, technically integrated support for DOTD's Critical Projects. DOTD's Critical Projects require:

- Immediate access to experienced technical resources
- Flexibility to address diverse and evolving task orders
- Accelerated delivery to meet funding, schedule, and stakeholder expectations

We understand that each assignment under this IDIQ may vary significantly in scope and complexity, from targeted technical reviews to full project delivery support thru construction support services. That's why we've developed a team and approach structured to respond quickly and align resources to the unique needs of potential task orders. We'll mobilize the right expertise at the right time to accelerate decision-making, reduce risk, and keep high-stakes projects on schedule.

What this means for DOTD:

- Rapid mobilization of discipline-specific teams
- Capacity to deliver multiple task order assignments simultaneously with the depth of discipline teams
- Proven ability to support both delivery and Owner Verification roles
- Strong working relationships with both DOTD headquarters and district personnel
- Integrated technical expertise across all major service areas

TEAM OVERVIEW AND DIFFERENTIATION

Stantec has partnered with GEC and GeoEngineers, along with additional specialty subconsultants, to provide a comprehensive and flexible team capable of supporting all anticipated task orders. We combine local Louisiana leadership with national depth to assemble task-order-specific teams within days—supporting everything from early alternatives evaluation through final delivery.

Our current work under DOTD's 2024 Critical Projects IDIQ is a meaningful differentiator because it demonstrates our ability to mobilize quickly and support urgent, complex assignments. Current task orders within the IDIQ include public involvement and communications for the I-10/Washington Street eastbound exit ramp closure, the LA 1: WGS Riverplex Railroad Overpass associated with the Hyundai Steel mill in Ascension Parish,

Environmental and Line & Grade studies for a proposed I-20/Rough Edge Road interchange in Lincoln Parish, and Independent Quality Assessment Reviews for bridge replacement projects delivered by the Office of Louisiana Highway Construction. Together, these assignments reflect DOTD's confidence in Stantec's ability to support critical infrastructure delivery in Louisiana.

A few other points about our team:

- **Louisiana-Based Leadership** – Deep familiarity with DOTD processes, stakeholders, and expectations
- **National Depth** – Ability to scale resources quickly for complex or time-critical assignments
- **Integrated Delivery** – Seamless coordination across disciplines and teaming partners
- **Alternative Delivery Experience** – Extensive Design-Build, CMAR, and Owner Verification support

Other complex high-visibility representative projects the team has delivered with significant cost savings, accelerated delivery and proven success include:

- I-10 Loyola Interchange (Stantec & Geo as DB; GEC as Owner Verification)
- US 90 at LA 318 Interchange Design-Build, St. Mary Parish, LA (Stantec & Geo as DB; GEC as Owner Verification)
- I-49 Lafayette Connector (Stantec & GEC Program Delivery Support & Design)

OUR TEAM ADDS VALUE!

ATCs on LA projects that provided value to cost and schedule:

I-10/Loyola Dr. Interchange: DDI ATC provided a bid \$40M lower than next bidder (Stantec)

I-10 College Dr. Interchange: ATC configuration saved \$20M (GEC)

LEADERSHIP

Our leadership team provides experienced, hands-on guidance to ensure alignment with DOTD priorities and efficient decision-making.



▪ **Contract Manager:**
Gary Heitman



▪ **DOTD Liaison/Strategic Advisor:**
Sherri LeBas

Leadership Strengths:

- Direct experience delivering major Louisiana transportation projects
- Established relationships with DOTD and FHWA
- Ability to rapidly align resources with project priorities
- Strong understanding of funding, policy, and program-level constraints

Stantec and all our teaming partners are highly familiar with applying DOTD's requirements, policies, guidance, manuals, and specifications on critical infrastructure projects. **Our national network includes all the services identified in Attachment A of the advertisement and provides the depth needed to manage and deliver multiple task orders simultaneously.** Because this contract includes a wide range of services, we have focused our organizational chart and resumes on project leaders for each service area.

Beyond the subject matter experts and discipline leads shown on the organizational chart, our team includes transportation and infrastructure staff located in Louisiana and can also draw on national resources as needed. We understand the critical nature of the task orders assigned under this contract and will align the necessary resources to support each assignment on schedule and to DOTD's expectations.

Firm Experience	Stantec	GEC, Inc.	Additional Subs
Project Management and Support	■	■	
Quality Control/Peer Reviews	■	■	
Environmental and Permitting	■	■	
Traffic Engineering and Design	■	■	
Surveying	■		■
SUE and Utility Relocation	■		■
Geotechnical Engineering			■
Roadway Design & Hydraulic Engineering	■	■	
Bridge Design	■	■	
Plan Development and Letting Support	■	■	
Construction Support	■	■	
Tolling	■		
ITS	■		
Roadway and Aesthetic Lighting	■	■	
Landscape Architecture	■		■
Public Relations and Communication	■	■	■
Alternative Delivery Technical Services	■	■	■

APPROACH TO DELIVERING TASK ORDERS

Delivery Framework:

1. Immediate engagement to define scope, schedule, available date, risks/constraints
2. Right-sized team assembly to include necessary disciplines to deliver scope
3. Accelerated scope and fee development
4. Structured execution and coordination, including establishing roles/responsibilities and communication protocols
5. Integrated quality management

Deliverables will be prepared in accordance with Stantec's project-specific Quality Assurance/Quality Control (QA/QC) Plan, to be submitted within 10 days of award notification and updated as needed for each task order. See page 136 for additional discussion of quality control and peer reviews.

POTENTIAL SERVICES FOR IDIQ TASK ORDERS

Project Management and Support

Our team has recent and ongoing program and project management experience shaped by two DOTD megaprojects: the I-49 Connector in Lafayette and the I-10 Widening project in Baton Rouge. **With a combined construction value of more than \$4 billion, these projects—using conventional delivery for I-49 and CMAR for I-10—reflect the same rapid response, multi-discipline coordination, and schedule management demands that characterize this IDIQ.**

Gary Heitman is the Contract Manager on the current 2024 IDIQ for Critical Contracts contract. His experience as Deputy Program Manager on the I-49 Connector, Design Manager on the I-12 Widening D-B project, and Roadway Quality Manager on the I-10/Loyola Drive D-B projects, among others, directly correlate to his role on this 2026 IDIQ.

As Program Manager for the Lafayette Connector Partners (LCP), **Steve Wallace** has managed an I-49 Connector team of over a dozen consultants for the study and design of the 5.5-mile-long urban corridor that includes complex environmental issues, traffic, geometrics, and drainage. The project has interfaced with multiple state, local and federal agencies, including DEQ, Lafayette City/Parish, Acadiana Planning Commission, the Lafayette Airport, FHWA, and FAA, among others. Steve has ably helped navigate the regulatory and administrative demands of the Connector, all the while overseeing the activities of the large team.



Former DOTD Secretary **Sherri LeBas** has been involved in the Program Management for I-49, including being **responsible for the Initial Financial Plans (IFP) and assisting LCP as it navigates the many stakeholders** for the project. Sherri is quite familiar with the federal and legislative funding mechanisms and processes and will be an invaluable asset for the needs of this contract.

Sherri has been actively hands-on in management and engineering for the I-10 Widening CMAR design team. Her expertise has helped the I-10 team coordinate with the CMAR contractor to develop workable and affordable solutions to the many technical challenges of widening an interstate through a tight urban corridor. Sherri has also drafted the IFP for the I-10 project and participated in multiple partnering meetings, resulting in an in-depth knowledge of the CMAR delivery method, which will be an important tool in the Critical Projects Section's toolbox for upcoming large and complex projects.

The following is a more detailed look at some of our team's other project management skills that relate directly to the needs of this contract.

Value Engineering (VE) - DOTD and FHWA require VE studies for projects valued at or over \$50 million and for bridge projects over \$40 million. Stantec and GEC are prepared to serve as an independent third-party consultant to review projects, develop VE recommendations, or evaluate VE reports prepared by others. Our team's approach is to identify changes that provide the greatest value while maintaining the integrity of the project's purpose and need. Studies may include alignment and geometric analysis, right-of-way reduction, utility avoidance, and construction phasing improvements. On both the I-210: Cove Lane Interchange and the Nelson Road Extension and Bridge projects, Stantec worked with DOTD's project manager to evaluate and respond to VE proposals. In addition to the local staff who have performed VE exercises, we have included engineers with experience leading VE efforts on major projects through design, construction, and MOT phasing changes.

Grant Applications and Agreements - We have selected **Heidi Peper** (US East Lead for Stantec's North American Funding Program) to assist DOTD in the development of grant applications and agreements. Her team's work with multiple levels of government and funding organizations across the United States provides insight into hundreds of funding programs and the policy, social, and environmental trends that shape them. Our funding experience will help reduce application and coordination time and place DOTD and Louisiana's communities in the strongest possible position to secure discretionary funding. Stantec's North American Funding Program team has helped clients overcome common grant-application challenges and secure \$8 billion in grant awards over the past 30 years.

STANTEC FUNDING PROGRAM STATS

- **250+** Funding Specialists across North America
- **\$8B** in grants and loans secured by our teams
- **100+** Funding programs leveraged to advance critical community projects
- **450+** office locations around the globe

When DOTD seeks additional project funding, our team will quickly assess applicable programs, prepare a funding matrix, and work with DOTD to pursue the strongest opportunities based on fit, timing, and award probability. Heidi's team will support strategy, application development, and coordination as needed.

Quality Control Reviews and Peer Reviews

Joe Cains III will serve as the Quality Assurance Manager for the contract. He will be responsible for ensuring that quality control procedures are implemented in accordance with Stantec's QA/QC plan, including completion and retention of quality records. All deliverables transmitted to the Department will adhere to established DOTD policies, procedures, standards, and guidelines and, when applicable, will be accompanied by DOTD's QA/QC checklists certifying that the deliverables meet DOTD's quality standards.

If required by a task order on this IDIQ, Stantec's team is prepared to perform detailed engineering reviews of construction plans, cost estimates, reports, and special provisions developed by DOTD in-house or by other consultants, like a task currently assigned to Stantec and GEC on the 2024 Critical Projects IDIQ. Our team is experienced in rigorous quality reviews for both alternative delivery and traditional projects and is well prepared to evaluate constructability, consistency, and correctness in accordance with DOTD requirements.

Environmental and Permitting Services

Environmental and permitting services will be led by **Scott Hoffeld**, with substantial support from **Bliss Bernard**. Together they have led dozens of successful DOTD environmental assignments and are well known to DOTD's Environmental Section. Task orders may include due diligence studies for early concepts, NEPA support for technical reports or reviews, NEPA re-evaluations, permitting, and specialty environmental services. Our approach emphasizes early review, identification of required disciplines, and efficient coordination to deliver complete and responsive support.

The I-49 Connector and I-10 Widening projects have equipped us locally to address evolving FHWA coordination and impact considerations tied to complex, high-visibility transportation projects. These experiences in Louisiana and beyond strengthen our understanding of scope requirements and DOTD, FHWA, and cooperating agency expectations. Our team is prepared to support DOTD with current environmental review requirements, agency coordination, and community-focused project delivery in a manner that is both technically sound and responsive to project context.

Our team includes **Amy Sackaroff** (Stantec) leading our Community Impact Assessments. Amy's work recently received an award from the **National Association of Environmental Professionals for an Environmental Justice Outreach Strategy and Community Mitigation Plan for I-526** in South Carolina. This award was given to Stantec to commend the interdisciplinary planning process and clear documentation applied on the I-526 project, which assisted agencies and the public in making informed and compliant decisions about the corridor.



Bijan Sharafkhani will lead development of any materials testing work plans requested through this contract. Bijan served with the Louisiana Department of Environmental Quality (LDEQ) for more than 33 years and established himself as a recognized authority in solid & hazardous waste, superfund, remediation of contaminated sites, permitting, design, construction, assessment, and management. He will leverage his extensive experience to support contaminated site decision-making, manage Phase II and Phase III Environmental Site Assessment services, assist with NEPA documents and re-evaluations, and develop permit applications and supporting documentation.

DOTD has relied on GEC's staff for its field work and **permitting and mitigation** needs for decades. This 40-year service history with DOTD continues with GEC's current staff that includes **Barry McCoy** and others who have over 30 years of related DOTD experience in wetlands, coastal zone, Section 7 consultation, scenic streams, mitigation plans/implementation,

and bridge permitting. GEC's strong permitting and mitigation experience is bolstered by Stantec's regional experiences with the USACE New Orleans and Vicksburg Districts—among others—in wetlands, Section 408, and other directly applicable permitting and mitigation experiences that may also be required with this contract. GEC and Stantec's permitting and mitigation specialists have many applicable successes with permit justification and alternatives analyses for DOTD, under tight-schedule constraints and elevated risk exposure.

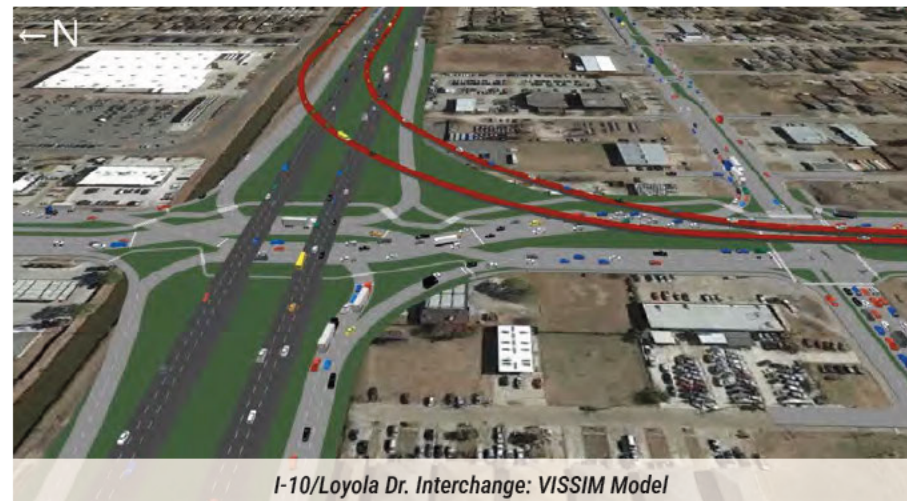
Our interdisciplinary team has established agency relationships, and possesses the firm credibility to improve DOTD environmental outcomes efficiently and cost-effectively.

Should specialized material sampling and testing be required, our Louisiana team will draw on established relationships with materials testing labs nationwide, such as Environmental Hazards Services (EHS), to enable quick engagement for those testing services.

Traffic Engineering and Design Services

Stantec's traffic and roadway engineers have evaluated and selected alternatives for major DOTD projects and are highly well-versed in DOTD's **Traffic Engineering Process and Report** requirements. We will produce or review traffic analyses and geometric evaluations, and we can engage qualified subconsultants for traffic data collection when needed.

On the recently completed I-10/Loyola Dr. Interchange project, we worked closely with DOTD and FHWA to obtain the approval of the **Interchange Modification Report (IMR)** for the first diverging diamond interchange in operation in Louisiana.



I-10/Loyola Dr. Interchange: VISSIM Model

To obtain this approval, we used **VISSIM and Synchro traffic models** to test the existing and proposed configuration and to report the measures of effectiveness (MOEs) of certain operational values like delay, queuing, and travel time. Stantec would employ similar methods if tasked with traffic analyses on this IDIQ project. MOEs could be used to discern how an alternative would operate and how it would affect the area's overall transportation network. To support the IMR, Stantec will establish the critical geometry and signal plan layouts so that no major changes alter the geometry after the IMR is approved. Our staff also developed a **comprehensive Level 4 TMP** for the Loyola project that required safety analysis, traffic control plans, detour plans, and analyses. The TMP included strategies for responding to incidents, improving traffic flow, and notifying stakeholders about upcoming traffic changes during construction.

Stantec's traffic and roadway engineers have designed and overseen construction of temporary and permanent signals, signing and pavement markings, and complex signal timing for alternative intersection designs such as continuous flow intersections and diverging diamond interchanges. For decades, our team has worked with DOTD to develop innovative, context-appropriate traffic and geometric solutions that improve capacity, operations, and overall system performance.

Surveying Services

For this IDIQ, our team includes the same two survey firms—SAM (formerly SJB Group) and CD&C—that are serving on our 2024 Critical Projects IDIQ. Both firms bring extensive experience with DOTD's topographic and property survey requirements and right-of-way mapping capabilities. Together, they provide the capacity to mobilize quickly, support simultaneous assignments, and provide independent QC while delivering topographic, boundary, drainage, and right-of-way survey services in accordance with DOTD requirements.

- Tackle any critical survey assignments immediately.
- Provide multiple crews to expedite simultaneous tasks.
- Provide independent QC of co-lead assignments.

Subsurface Utility Engineering & Utility Relocation

Most transportation corridors are congested with utilities, and early utility identification is critical to understanding how those facilities may affect proposed improvements. **Both survey firms on our team have Subsurface Utility Engineering (SUE) capabilities to identify utilities through Quality Level A-D investigations.**

Upon completion of the SUE investigations, SAM (formerly SJB Group) or CD&C will provide mapping to planners or designers that will be used to locate critical utility facilities that should be avoided, either early on in a project

when identifying feasible corridors/alignments, or during design and plan development. Additional coordination with utility owners will be necessary to gather all the information needed to prepare the **utility conflict matrix**. The initial submittal of the utility conflict matrix will be made at 60% preliminary plans, and the matrix will be updated as the plans progress. The conflict matrix will identify all utility owners, utility description (size and type), location of conflict, proposed disposition of the utility, right of occupancy, status of agreements, and status of adjustment work (if required). **Our team's goal will be to eliminate utility conflicts and relocations wherever possible to avoid significant cost and schedule impacts.**

Geotechnical Engineering Services

GeoEngineers brings extensive experience providing geotechnical engineering services for DOTD in every parish throughout the state. As they are doing on the 2024 IDIQ, they will support critical projects assignments through field investigations, laboratory testing, analysis, and design, as well as construction-phase geotechnical services. Their capabilities also include oversight and review of **PDA and CAPWAP analysis, settlement monitoring and analysis**, and other specialized support required for complex project delivery.

The approach for performing these geotechnical engineering services includes increased communication during planning and execution to better evaluate risk and allow for a risk-informed approach to decisions. This strategy improves outcomes during scope development, scheduling, field investigation and testing, design analysis and reviews, and while planning and overseeing construction-related services.

US 90, LA 318 Interchange DB (Geoengineers)



Roadway Design & Hydraulic Engineering Services

Stantec and GEC routinely develop project designs using DOTD's Minimum Design Guidelines, Roadway Design Manual, and the Engineering Directives and Standards (EDSMs), as well as the AASHTO "Green Book," the MUTCD, and AASHTO's Roadside Design Guide. Our team is proficient in all aspects of roadway design, including horizontal and vertical geometry, joint layouts, graphical grades, roadside safety, signing, striping, traffic control, Transportation Management Plans, and modeling for earthwork calculations.

Our engineers use the latest DOTD Hydraulics Manual and HYDROWIN software and frequently use DOTD's methods to determine type, size, and locations for side drains, cross drains, box culverts, roadside ditches, and subsurface drainage systems.

Stantec is also working closely with the Road Design Section to help test and debug their OpenRoads configuration setup and work with them to help implement suggested improvements to efficiently run models and develop plans using that software. **The Stantec team delivers project submittals and documentation through DOTD's ProjectWise database.**

Bridge Design Services

Bridge design services may include tasks related to inspection, analysis, design, and load rating. Our bridge design team will provide all services in accordance with DOTD criteria and standards.

Our bridge design team recently completed the design of the I-10/Loyola Drive project, which included two third-level flyover ramps with steel structural beams. The project demonstrates our experience delivering complex bridge solutions that require advanced coordination, technical rigor, and successful implementation on a high-profile transportation corridor.

We perform **inspections and evaluations of existing structures** annually across the country using a variety of procedures and reporting methods specific to each client. For this contract, we will follow the Louisiana Bridge Inspection Manual to inspect and report on bridge conditions. We will enter inspection findings in the InspectX software that is overseen by the Bridge Maintenance and Inspection division. **Bridge and structural analysis and design services** will be performed in accordance with the current Bridge Design and Evaluation Manual (BDEM) along with relevant Bridge Design Technical Memoranda (BDTM). Design projects typically require as-designed ratings at the completion of final plans and as-built ratings at the completion of construction; existing structures may require in-service load ratings to analyze observed deficiencies.



I-10/Loyola Drive Bridge

Our team has extensive experience in performing load ratings for DOTD and will follow the procedures and guidance outlined in the BDEM to perform **as-designed, as-built, and condition bridge ratings**. We are prepared to deliver plans using Open Bridge Modeler when requested by DOTD.

Plan Development & Letting Support Services

We understand that task orders executed under this IDIQ will be critical and often completed on compressed schedules. Stantec has worked with DOTD to expedite design schedules on both alternative delivery and traditional design-bid-build projects, for example, the I-210 Cove Lane Interchange.

I-210: COVE LANE INTERCHANGE SCHEDULE SAVING EXAMPLE:

- Concurrent environmental and preliminary plans
- Reduced number of milestone submittals
- Review workshops to assist DOTD with formal reviews and streamline process

We will deliver assignments efficiently and in alignment with DOTD's expectations. A task order may include limited support for a specific aspect of plan development or may require comprehensive project services. Plan development will progress in accordance with the Preliminary and Final Plan Stages shown in Figure 1.03 of the Road Design Manual unless an accelerated schedule is warranted and approved.

Stantec has also performed letting support services for DOTD on several projects by answering contractor's questions during the bids, adjusting the plans for addendums, providing clarifications and responses, and analyzing the bids.

Stantec's team has the depth of bench to handle multiple task orders concurrently, and with our team's extensive alternative project delivery experience we have become proficient at juggling the demands of compressed schedules. Stantec's team is also prepared to work with DOTD to identify and mitigate risks (internal and external) to progress and present accurate schedules.

Construction Support Services

Keith Palermo, a former long-time DOTD Area Engineer in District 61, will lead our construction support team, which also includes experienced professionals in program controls, scheduling, estimating, inspections, and DOTD construction practices.

The consultant team may be asked to review the contractor's proposed progress schedule to verify that it includes appropriate items of work, a clear critical path, and a reliable means of tracking actual progress. Stantec and GEC's experience responding to hundreds of RFIs, NCRs, and shop drawing reviews on Design-Bid-Build (DBB) and Design-Build (DB) projects throughout the state has reinforced the importance of timely responses in maintaining



June 5, 2026 Site Visit for Nelson Road Extension and Bridge

efficient construction contract administration and reducing costs associated with delay.

On the recently completed I-10/Loyola Dr. Interchange DB project responses to minor clarifications and plan/specification corrections were within seven days. We have also participated in the review of VE suggestions provided by contractors and have offered refinements or rejections as needed based on sound technical guidance. Our transportation engineering staff will be available to assist the construction support team as needed with technical interpretations.

Other Services

Stantec's team includes national resources in tolling implementation, design, and support. **Sean Tihal, our tolling discipline lead**, brings broad experience in toll planning, feasibility studies, capital and operating cost estimates, toll operations analyses, toll policy studies, and pricing and payment analyses. **Sean has delivered tolling projects for more than 30 transportation agencies across the United States, Canada, and Europe.**

Stantec currently holds an ITS IDIQ for DOTD (Contract No. 4400029583 for ITS Design and Implementation Services Statewide. Our experience on this and previous IDIQ contracts along with our ITS experience with our alternative delivery contracts has given our staff the variety of **skills needed to fulfill any ITS design or construction-related assignment**. We also have experienced electrical engineers at both Stantec and GEC that have performed numerous **roadway lighting** projects for DOTD. Stantec recently produced final aesthetic lighting construction drawings for the I-10/Loyola Dr. Interchange, and GEC provided **inspection services for the aesthetic lighting** construction project on the Crescent City Connection Bridge in New Orleans.

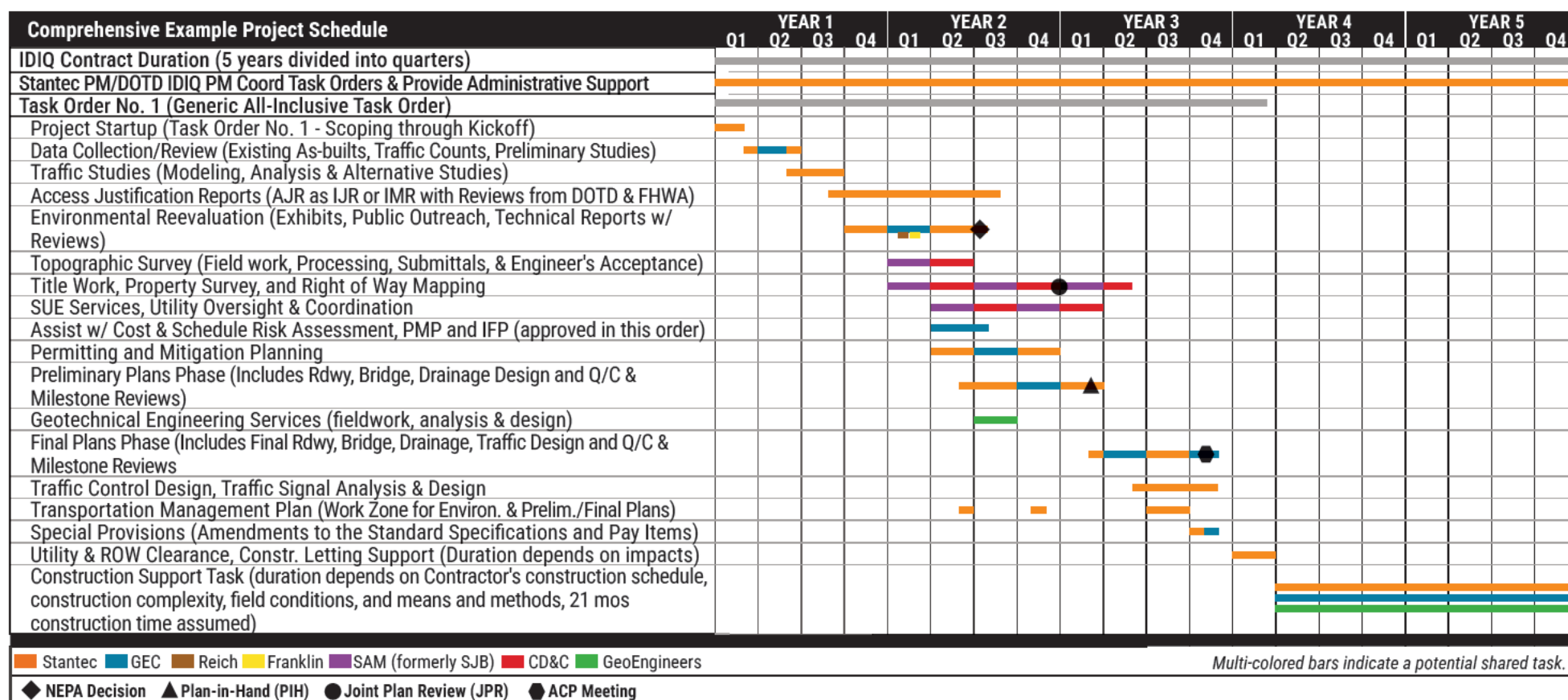
When it comes to alternative delivery technical services, Stantec and GEC's staff, including Cindy Hall and Brian Buckel, have been involved in multiple DOTD DB, CMAR, and Public-Private Partnership (P3) projects and have competed for most of the alternative delivery projects awarded by the State of Louisiana. We are familiar with the procurement and administration processes involved in these types of contracts because we have participated in them firsthand from the owner and contractor's perspectives.

Please see our team's Organizational Chart in Section 14 and the resumes of the key personnel that we have included in Section 16 to demonstrate that all of the "Other Services" listed in the RFQ will be covered, as well as potential other extra services, such as landscape architecture (landscaping, hardscaping, aesthetic project elements, and a licensed arborist), real estate (relocation and ROW acquisition), and public outreach (provided by Franklin & Associates).

We've developed an example project schedule (see below) illustrating our delivery approach and activities for a project task order assignment from startup through construction. As noted in this section, our team is ready to handle multiple major assignments concurrently, like the example schedule (ad notes may be 6 TO's assignments at any given time).

CONCLUSION

Stantec offers DOTD a proven, responsive, and fully integrated team prepared to support the full range of task orders anticipated under this Critical Projects IDIQ. Our current work on DOTD's 2024 Critical Projects contract, Louisiana-based leadership, established DOTD relationships, and depth across all Attachment A service areas position us to mobilize quickly, manage multiple assignments concurrently, and deliver technically sound solutions under compressed schedules. With demonstrated experience in project delivery, Owner Verification, alternative delivery, quality reviews, environmental support, design, and construction-phase services, our team is ready to help DOTD advance Louisiana's most critical infrastructure priorities with confidence, accountability, and reliable execution.



SECTION 19



NELSON ROAD EXTENSION & BRIDGE
*Complex, multi-disciplinary project with
multiple stakeholders*

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**
Stantec Consulting Services Inc.	Road	4400024629 H.005967.6	Nelson Road Ext. and Bridge [Calcasieu Parish, Louisiana]; Striping Pln. Changes	\$1,506
		440004128, H.004273.5	Lafayette Regional Airport to I-10/I-49/US 167 Interchange [Lafayette Parish]; Geometric Design/Analysis	\$257,369
		4400024461, H.012685.5	LA 385: Ryan Street Intersection Improvements [Calcasieu Parish]; Roadway Design; Drainage	\$10,626
		4400022901, H.011094.5 & H.012005.5	LA 3094: Hearne Ave. Bridge and US 80: KCSRR Overpass (HBI) [Caddo Parish]; Roadway	\$606,161
		4400017033, H.005121	LA 1 / LA 415 Connector (Sub to TRC Engineers, Inc.) [West Baton Rouge Parish]; Roadway	\$264,626
		4400022582, H.012011	Contract for Replacement of Eight Bridges; LA 173 and LA525: Creek Bridges [Caddo Parish]	\$86,150
		4400022582, H.012029	Contract for Replacement of Eight Bridges; US 80: Creek Bridges [Bienville and Webster Parishes]	\$89,321
		4400022582, H.012036	Contract for Replacement of Eight Bridges; US 80: Creek Bridges [Richland Parish]	\$9,028
		4400022582, H.012037	Contract for Replacement of Eight Bridges; US 63 and LA 2: Creek Bridges [Union Parish]	\$1,639
		4400023922, H.012071.5, T.O. 4	IDIQ Contract for Bridge Preservation; US 51: Yellow Water River Bridge [Statewide]	\$194,015
		4400029196, H.016255.5	LA 1: WGS Riverplex RR Overpass [Ascension Parish]; Roadway	\$533,534
		4400029196, H.016496.6	DIST02/61/62 Bridge Bundle SFY25-26 [Statewide]; Roadway	\$102,474
Stantec Consulting Services Inc.	Bridge	440004128, H.004273.5	Lafayette Regional Airport to I-10/I-49/US 167 Interchange [Lafayette Parish]; Structure & Bridge	\$80,924
		4400022901, H.011094.5 & H.012005.5	LA 3094: Hearne Ave. Bridge and US 80: KCSRR Overpass (HBI) [Caddo Parish]; Bridge	\$753,632
		4400023922 H.016312	IDIQ Contract for Bridge Preservation; LA 3116: Creek Bridges [Acadia Parish]	\$114,367
		4400023922, H.016319	IDIQ Contract for Bridge Preservation; LA 542: Creek Bridges [Jackson Parish]	\$86,807
		4400023922, H.012071.5, T.O. 4	IDIQ Contract for Bridge Preservation; US 51: Yellow Water River Bridge [Statewide]	\$165,967
		4400023922, H.016327	IDIQ Contract for Bridge Preservation; LA 792: Drain [Bienville Parish]	\$43,622
		4400023922, H.016329	IDIQ Contract for Bridge Preservation; LA 830-6: Creek [Morehouse Parish]	\$43,528
		4400023922, H.016330	IDIQ Contract for Bridge Preservation; LA 343: Creek [Vermilion Parish]	\$122,884

Stantec Consulting Services Inc.	Bridge	4400023922, H.016331	IDIQ Contract for Bridge Preservation; LA 4: Drain [Bienville Parish]	\$43,541
		4400023922, H.016332	IDIQ Contract for Bridge Preservation; LA 520: Drain [Claiborne Parish]	\$43,542
		4400023922, H.016333	IDIQ Contract for Bridge Preservation; LA 95: Bayou [Evangeline Parish]	\$122,881
		4400022582, H.012011	Contract for Replacement of Eight Bridges; LA 173 and LA525: Creek Bridges [Caddo Parish]	\$17,314
		4400022582, H.012029	Contract for Replacement of Eight Bridges; US 80: Creek Bridges [Bienville and Webster Parishes]	\$82,803
		4400022582, H.012036	Contract for Replacement of Eight Bridges; US 80: Creek Bridges [Richland Parish]	\$101,200
		4400022582, H.012037	Contract for Replacement of Eight Bridges; US 63 and LA 2: Creek Bridges [Union Parish]	\$3,663
		4400029196, H.016255.5	IDIQ Contract for Engineering and Technical Support Services for Critical Projects; LA 1: WGS Riverplex RR Overpass [Ascension Parish]	\$433,903
		4400029196, H.016496.6	IDIQ Contract for Engineering and Technical Support Services for Critical Projects; DIST02/61/62 Bridge Bundle SFY25-26 [Statewide]	\$136,752
Stantec Consulting Services Inc.	Traffic	440004128, H.004273.5	Lafayette Regional Airport to I-10/I-49/US 167 Interchange [Lafayette Parish]; Traffic Engineering	\$87,399
		4400024461, H.012685.5	LA 385: Ryan Street Intersection Improvements [Calcasieu Parish]; Traffic Study; Signal Design	\$15,425
		4400029196, H.016421.2	I-20: Interchange at Rough Edge Rd. [Lincoln Parish]; Traffic Engineering	\$132,479
Stantec Consulting Services Inc.	Other (Lighting)	4400024629, H.005967.6	Nelson Road Ext. and Bridge [Calcasieu Parish, Louisiana]; Roadway & Nav. Lighting	\$20,025
		440004128, H.004273.5	Lafayette Regional Airport to I-10/I-49/US 167 Interchange [Lafayette Parish]; Public Relations/Comm.; Lighting; Aviation	\$6,537
		4400017033, H.005121	LA 1 / LA 415 Connector (Sub to TRC Engineers, Inc.) [West Baton Rouge Parish]; Other/Vessel Survey	\$17,117
		44-04761, H.004957.5	I-12 to Bush Corridor, LA 3241: I-12 to LA 36 (Sub to Evans-Graves Engineering, Inc.) [St. Tammany Parish]; I-12/LA 434 Lighting Project	\$6,149
Stantec Consulting Services Inc.	CE&I/OV	4400024629, H.005967.6	Nelson Road Ext. and Bridge [Calcasieu Parish, Louisiana]; CE&I and Construction Support	\$287,967
Stantec Consulting Services Inc.	Right-of-Way	440004128, H.004273.5	Lafayette Regional Airport to I-10/I-49/US 167 Interchange [Lafayette Parish]; ROW Acquisition	\$69,646
Stantec Consulting Services Inc.	Survey	440004128, H.004273.5	Lafayette Regional Airport to I-10/I-49/US 167 Interchange [Lafayette Parish]; Survey	\$22,731
Stantec Consulting Services Inc.	Planning	440004128, H.004273.5	Lafayette Regional Airport to I-10/I-49/US 167 Interchange [Lafayette Parish]; Prog. Mgmt.; Context Sensitive Design Process; Impl. Strategies	\$526,226
		4400017033, H.005121	LA 1 / LA 415 Connector (Sub to TRC Engineers, Inc.) [West Baton Rouge Parish]	\$112,467

Stantec Consulting Services Inc.	Planning	4400022582, H.012011	Contract for Replacement of Eight Bridges; LA 173 and LA525: Creek Bridges [Caddo Parish]	\$38,647
		4400022582, H.012029	Contract for Replacement of Eight Bridges; US 80: Creek Bridges [Bienville and Webster Parishes]	\$38,818
		4400022582, H.012036	Contract for Replacement of Eight Bridges; US 80: Creek Bridges [Richland Parish]	\$40,933
		4400022582, H.012037	Contract for Replacement of Eight Bridges; US 63 and LA 2: Creek Bridges [Union Parish]	\$35,195
		4400029196, H.016255.5	LA 1: WGS Riverplex RR Overpass [Ascension Parish]	\$98,744
		4400029196, H.016496.6	DIST02/61/62 Bridge Bundle SFY25-26 [Statewide]	\$225,513
Stantec Consulting Services Inc.	Environmental	4400023972, H.012543.2	IDIQ Contract for Cultural Resources; Phase I/II Cultural Survey; LA 8: Big Creek Bridge [Grant Parish]	\$91,343
		4400023922, H.016311	IDIQ Contract for Bridge Preservation; LA 1123: Creek Bridges [Acadia Parish]	\$36,211
		4400023922, H.016312	IDIQ Contract for Bridge Preservation; LA 3116: Creek Bridges [Acadia Parish]	\$29,037
		4400023922, H.016314	IDIQ Contract for Bridge Preservation; LA 3048: Creek Bridge [Richland Parish]	\$26,049
		4400023922, H.016318	IDIQ Contract for Bridge Preservation; LA 3149: Bayou Bridges [Evangeline Parish]	\$21,283
		4400023922, H.016319	IDIQ Contract for Bridge Preservation; LA 542: Creek Bridges [Jackson Parish]	\$28,325
		4400023922, H.016320	IDIQ Contract for Bridge Preservation; LA 3187: Creek Bridge [Evangeline Parish]	\$27,758
		4400023922, H.016325	IDIQ Contract for Bridge Preservation; LA 358: Creek Bridge [St. Landry Parish]	\$18,820
		4400023922, H.016327	IDIQ Contract for Bridge Preservation; LA 792: Drain [Bienville Parish]	\$45,136
		4400023922, H.016329	IDIQ Contract for Bridge Preservation; LA 830-6: Creek [Morehouse Parish]	\$46,006
		4400023922, H.016330	IDIQ Contract for Bridge Preservation; LA 343: Creek [Vermilion Parish]	\$45,139
		4400023922, H.016331	IDIQ Contract for Bridge Preservation; LA 4: Drain [Bienville Parish]	\$46,020
		4400023922, H.016332	IDIQ Contract for Bridge Preservation; LA 520: Drain [Claiborne Parish]	\$45,126
		4400023922, H.016333	IDIQ Contract for Bridge Preservation; LA 95: Bayou [Evangeline Parish]	\$46,032
		4400022582, H.012011	Contract for Replacement of Eight Bridges; LA 173 and LA525: Creek Bridges [Caddo Parish]	\$12,747
		4400022582, H.012029	Contract for Replacement of Eight Bridges; US 80: Creek Bridges [Bienville and Webster Parishes]	\$30,828
		4400022582, H.012036	Contract for Replacement of Eight Bridges; US 80: Creek Bridges [Richland Parish]	\$21,041
		4400022582, H.012037	Contract for Replacement of Eight Bridges; US 63 and LA 2: Creek Bridges [Union Parish]	\$11,895

Stantec Consulting Services Inc.	Environmental	4400029196, H.016255.5	LA 1: WGS Riverplex RR Overpass [Ascension Parish]	\$66,562
		4400029196, H.016421.2	I-20: Interchange at Rough Edge Rd. [Lincoln Parish]; Environmental	\$650,973
Stantec Consulting Services Inc.	ITS	440004128 H.004273.5	Lafayette Regional Airport to I-10/I-49/US 167 Interchange [Lafayette Parish]; ITS	N/A
		4400029583, T.O. 1 H.015137.5	IDIQ Contract for Intelligent Transportation Systems (ITS) Design and Implementation Services; Bonnet Carre ITS Upgrades [Statewide, LA]	\$573,477
		4400029583, T.O. 2 H.011507.5	IDIQ Contract for Intelligent Transportation Systems (ITS) Design and Implementation Services; Monroe ITS Phase 3 [Statewide, LA]	\$286,751
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) (on hold, pending Supplemental Environmental Impact Statement (SEIS))	\$378,352
		44-29193, H.004100.5 & H.004100.6	CMAR - I-10: LA 415 to Essen on I-10 and I-12 (Sub to Huval), East and West Baton Rouge Parishes	\$382,115
		44-29196, H.016255	IDIQ Contract for Engineering & Technical Support, TO#2 – LA 1: WGS Riverplex Railroad Overpass (Sub to Stantec)	\$260,462
		44-29196, H.016421.2	IDIQ Contract for Engineering & Technical Support, TO#5 – I-20 Interchange at Rough Edge Road (Sub to Stantec)	\$221,902
		44-31331, H.016830	IDIQ Contract for Design Services Statewide with Majority of Work in District 04, TO#1 – LA 3094: US 80 to US 71 (Sub to Halff Associates, Inc.)	\$233,203
		44-26027, H.003771.2	I-10 at LA 74, Ascension Parish	\$282,000
		44-25040, H.015342	IIJA, Off-System Bridge Program, District 61 Less EBR, S.A.#1	\$23,500
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) (on hold, pending SEIS)	\$201,433
		44-29193, H.004100.5 & H.004100.6	CMAR - I-10: LA 415 to Essen on I-10 and I-12 (Sub to Huval), East and West Baton Rouge Parishes	\$1,904,013
		44-04900, H.004540.5	Leeville to Golden Meadow, Route LA 1 Relocated, Const. Engineering Services (Sub to HNTB) (This is for Shop Drawing Review only. Design is complete.)	\$164,857
		44-26027, H.003771.2	I-10 at LA 74, Ascension Parish	\$188,000
		44-25040, H.015342	IIJA, Off-System Bridge Program, District 61 Less EBR, S.A.#1	\$173,936
		44-23434, H.000445	US 190: UPRR Overpass Near Opelousas, St. Landry Parish (Sub to AECOM)	\$304,364
G.E.C., Inc.	Bridge	44-05267, H.003074.5	Williams Blvd – Veterans Blvd. (SA#5 & EWL#6), Route I-10, Jefferson Parish, LA (Plans on Hold at 98% Complete)	\$148,795
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) (on hold, pending SEIS)	\$28,600
		44-25040, H.015342	IIJA, Off-System Bridge Program, District 61 Less EBR, S.A.#1	\$581
		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	\$66,554

G.E.C., Inc.	Environmental	44-26027, H.003771.2	I-10 at LA 74, Ascension Parish	\$751,500
		44-25047, H.011358.2	US 190 (Vine Street Reconstruction), St. Landry Parish	\$591,539
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) (on hold, pending SEIS)	\$303,449
		44-29193, H.004100.5 & H.004100.6	CMAR - I-10: LA 415 to Essen on I-10 and I-12 (Sub to Huval), East and West Baton Rouge Parishes	\$730,816
		44-05267, H.003074.5	Williams Blvd – Veterans Blvd. (SA#6), Route I-10, Jefferson Parish, LA (Plans on Hold at 98% Complete)	\$54,012
		44-26074, H.013617.6	IDIQ Contract for Electrical Statewide, TO#1 - I-10: I-610E Interchange Lighting (Construction Support)	\$43,091
		44-26074, H.014552.6	IDIQ Contract for Electrical Statewide, TO#2 - I-49: LA 31 Interchange Lighting (Construction Support)	\$60,259
		44-26074, H.015598.6	IDIQ Contract for Electrical Statewide, TO#3 - I-210: Hurricane Laura Lighting Repairs (Construction Support)	\$76,259
		44-26074, H.014556.6	IDIQ Contract for Electrical Statewide, TO#5 - I-49: US 190 Interchange Lighting (Construction Support)	\$69,953
		44-26074, H.014553.6	IDIQ Contract for Electrical Statewide, TO#8 - I-49: LA 3233 Interchange Lighting (Construction Support)	\$137,705
G.E.C., Inc.	Other (Program Management)	44-33344	Road Transfer Program Management, Statewide (Program Management ONLY – NO Planning, Road or Bridge Design work) (one person augmenting staff at DOTD over 6 years)	\$2,474,076
		44-25040, H.015342	IIJA, Off-System Bridge Program, District 61 Less EBR, S.A. #1	\$49,200
		44-29196, H.01696.6	IDIQ Contract for Engineering & Technical Support, TO#3 – District 02, 03, 61 & 62, Bridge Bundle SFY 25-26 (Sub to Stantec)	\$330,523
		44-04128, H.004273.5	I-49 Connector (Lafayette Regional Airport to I-10/I-49/US 167 Interchange) (Sub to Stantec) (on hold, pending SEIS)	\$32,455
		44-29193, H.004100.5 & H.004100.6	CMAR - I-10: LA 415 to Essen on I-10 and I-12 (Sub to Huval), East and West Baton Rouge Parishes	\$641,100
G.E.C., Inc.	Planning	44-26027, H.003771.2	I-10 at LA 74, Ascension Parish	\$177,000
G.E.C., Inc.	Traffic	44-26027, H.003771.2	I-10 at LA 74, Ascension Parish	\$48,500
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) (on hold, pending SEIS)	\$19,447
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	\$150,947
		44-23074, H.010960.6	IDIQ for CE&I Services and Staff Augmentation, District 61 - LA 30 Roundabouts at Tanger Mall and I-10	\$99,065
		44-23074, H.015424.6	IDIQ for CE&I Services and Staff Augmentation, District 61 – La 67: Plank Rd @ Airline- Girder Rep	\$59,454

G.E.C., Inc.	CE&I/OV	44-23074, H.012061.6	IDIQ for CE&I Services and Staff Augmentation, District 61 – LA 1: Bayou Moreau and Lateral W15#7A	\$15,046
		44-23074, H.014762.6	IDIQ for CE&I Services and Staff Augmentation, District 61 – LA 44: 1-10 – LA 621	\$338,915
		44-23074, H.15267.6	IDIQ for CE&I Services and Staff Augmentation, District 61 – LA 431: Left Turn Lane at LA 621	\$57,250
		44-14315, H.010000.6	IDIQ for Painting Inspection & Environmental Monitoring with CE&I, Statewide - US 171: Calcasieu River Bridge Repairs	\$37,447
		44-27615, H.012083.6	IDIQ for Painting Inspection & Environmental Monitoring with CE&I, Statewide - I-10: Calcasieu River Bridge Repairs	\$391,136
		44-17006, H.011670.6	I-10/Loyola Interchange Improvements, Jefferson Parish	\$84,664
		44-27349, H.003931.6	Calcasieu River Bridge (HBI) (CE&I), Calcasieu Parish	\$14,097,052
		44-27349, H.016466.6	I-10 WB On-Off Sampson St Ramp Mods, Calcasieu Parish	\$399,394
		44-31514, H.005967.6	IDIQ for Critical Path Method (CPM) Analysis Services, Statewide – Nelson Rd Ext & Bridge	\$119,266
		44-31514, H.008145.6	IDIQ for Critical Path Method (CPM) Analysis Services, Statewide – LA 1: Leeville to Golden Meadow (Phase 2)	\$287,830
		44-31514, H.012889.6	IDIQ for Critical Path Method (CPM) Analysis Services, Statewide – I-20 Rehab (Pines Road to I-220)	\$126,265
GeoEngineers, Inc.	Geotech	H.003931	P3 I-10 Calcasieu River Bridge Geotechnical	\$2,264,579
		440022852; H.012011, H.012029, H.012036, H.012037	8 Bridge Replacements/Geotechnical Engineering Services	\$719,120
		H.016255.5	LA-1 Railroad Overpass	\$847,248
		H.01649.6	LADOTD - OV for 20 Bridge Reviews	\$116,256
Surveying and Mapping, LLC (formerly SJB Group, LLC)	Survey	Contract No. 44-17033 / S.P. No. H.005121 / F.A.P. No. H005121	LA 415 Connector - I10 to La 1	\$131,201.62
		Contract# 44-23943 S.P. H.014886.5	US 90: LAFITTE AVE TO FRANCE RD	\$70,053.32
		S.P. H015932	LA 182: City of Franklin	\$56,232
		Contract# 44-29196 S.P. H016255.5	LA DOTD LA 1: WGS Riverplex	\$89,707.51
Surveying and Mapping, LLC (formerly SJB Group, LLC)	Other (SUE)	Contract No. 44-17033 / S.P. No. H.005121.9 F.A.P. No. H005121	SUE - LA 415 Connector - I10 to La 1	\$ 326,401.7
		Contract No. 4400027349 P. No. H.003931.6	I-10 Calcasieu Project P3	\$5,749,687.1

Surveying and Mapping, LLC (formerly SJB Group, LLC)	CPM	Contract #44-31512 S.P. Multiple	IDIQ Contract for Critical Path Method (CPM) Analysis	N/A
		Contract # 44-30226 S.P. H.014258.6	RCL - LA 1: Port Allen Canal Bridge Replacement (Phase 2) (HBI)(CE&I)	\$69,951
		Contract# 44-31862 S.P. Multiple	Contract For Consulting Services Critical Path Method (CPM) Analysis	\$316,272.3
Civil Design & Construction, Inc.	Survey	4400027093/H.014041	LA 92 ROW Maps	\$5,028
		44-29196; H.016255.5	LA 1: WGS Riverplex RR Overp	\$142,431
		44-26911; H.016083.5	West Worthey Sidewalks	\$41,536
		44-17033; H.005121 LA1/LA415Connector	LA1/LA415 Connector	\$42,111
Reich Landscape Architecture, L.L.C.	Other (Landscape Architecture)	400018646, H.004100	I-10 Widening	\$333,858
		4400026587, H.001779	Jimmie Davis Bridge	\$268,000
Franklin Associates, LLC	Planning; Other (Public Outreach and Relations)	H.003915	I-49 Inner City Connector, Stage 1 Environmental Assessment Project (Prime: Providence Engineering)	\$4,298.43
		H.013284	MRB South GBR: LA 1 to LA 30: NEPA EA (Prime: Atlas)	\$41,633.18
Franklin Associates, LLC	Other (Public Outreach and Relations)	H.004100.5	I-10 CMAR RCP Plans – Segment 1 (Prime: Providence Engineering/HUVAL)	\$44,114.74
		H.004791	Belle Chasse Bridge Replacement Project (Prime: Plenary)	\$17,378.21
		H.003931	I-10 Calcasieu River Bridge Replacement Project (Prime: Calcasieu Bridge Partners)	N/A
		H.005121	Sugarhouse Road Environmental Assessment (Prime: Providence)	\$4,664.50
Louisiana Tree Service (LATSC), LLC	N/A	N/A	N/A	N/A
Krebs Corporation.	Other (Independent Cost Estimating)	4400028095, H.004100.5	Independent Cost Estimating (ICE) Services, I-10: LA 415 to Essen Lane on I10 and I-12	\$1,649,189

(Add rows as needed)

DO NOT SUM

*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.

SECTIONS 20 - 23

I-10/LOYOLA DR. BRIDGE
Curved steel tub girders

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

Stantec Consulting Services Inc.

Louisiana
SECRETARY OF STATE NANCY LANDRY

HOME

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Name	Type	City	Status
STANTEC CONSULTING SERVICES INC.	Business Corporation (Non-Louisiana)	ALBANY	Active

Previous Names

STANTEC CONSULTING GROUP INC. (Changed: 4/12/2005)

STANTEC CONSULTING GROUP, INC. (Changed: 4/12/2005)

THE SEAR-BROWN GROUP, INC. (Changed: 4/12/2005)

Business: STANTEC CONSULTING SERVICES INC.

Charter Number: 34554273F

Registration Date: 3/17/1997

Domicile Address

80 STATE STREET
ALBANY, NY 12207

Mailing Address

10220 - 103 AVENUE NW
SUITE 300
EDMONTON, AB, T5J 0K4
CANADA

Principal Business Office

410 17TH STREET
SUITE 1400
DENVER, CO 80202

Registered Office in Louisiana

450 LAUREL STREET, 6TH FLOOR
BATON ROUGE, LA 70801

Principal Business Establishment in Louisiana

1340 POYDRAS STREET
SUITE 1420
NEW ORLEANS, LA 701121274

Status

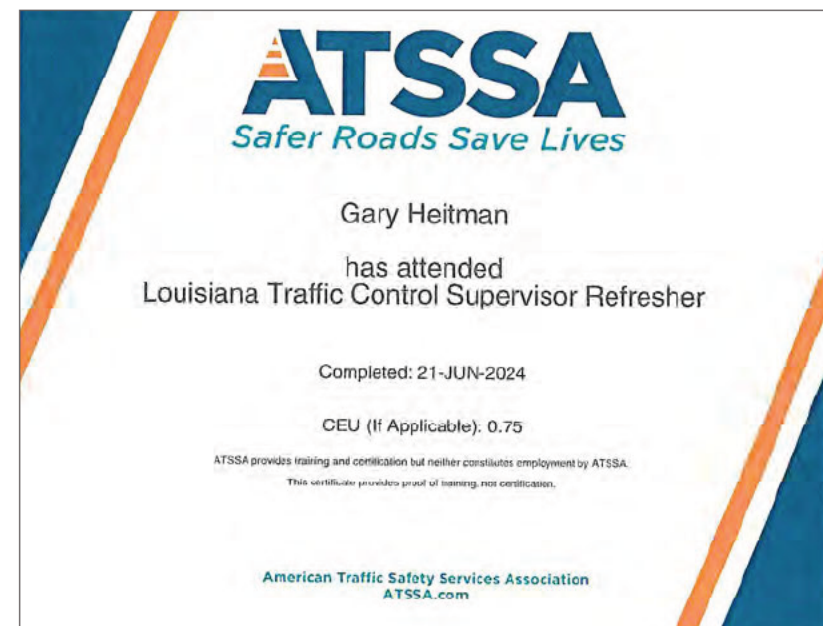
Status: Active

Annual Report Status: In Good Standing

Qualified: 3/17/1997

Last Report Filed: 3/8/2026

Type: Business Corporation (Non-Louisiana)



Certificate of Completion

presented to

Scott Hoffeld

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: March 10, 2021
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Scott Hoffeld

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: March 11, 2021
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3



Authorized Instructor



Authorized Instructor



Authorized instructor



Certificate of Completion

presented to

Scott Hoffeld

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: March 10, 2021
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3



Authorized Instructor



Authorized Instructor



Authorized instructor



National Highway Institute Certificate of Training

Scott Hoffeld

has participated in
**NEPA and Transportation
Decision Making**

hosted by
LA DOTD/LTRC

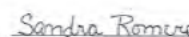
Location: Baton Rouge, LA

Hours of instruction: 18

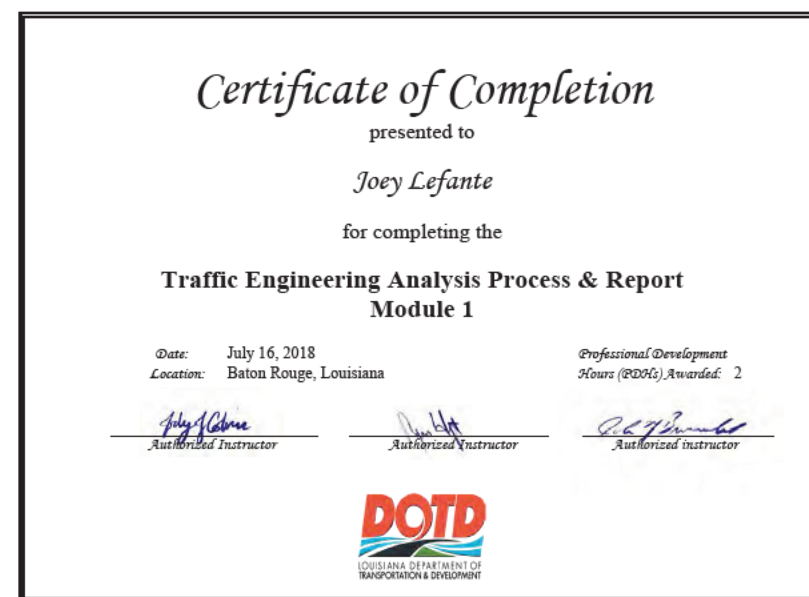
Date: September 12-14, 2006



Director, National Highway Institute
Federal Highway Administration



Coordinator
Director, Office of Professional Development
Federal Highway Administration



Certificate of Completion

presented to

Joey Lefante

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: July 23, 2018
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3

Joey Lefante
Authorized Instructor

Joey Lefante
Authorized Instructor

Joey Lefante
Authorized instructor



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Brandon DeJean
has attended
Traffic Control Supervisor-LA State Specific
Training Course

9/14/2022 to 9/14/2026
Training Valid Through

Monroe, LA
Location

Brandon DeJean
Director of Training
Shane Tischer
President, CEO

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



American Traffic Safety Services Association ATSSA.com

Certificate of Completion

presented to

Joey Lefante

for completing the

Traffic Engineering Analysis Process & Report Module 3

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

Professional Development
Hours (PDHs) Awarded: 3

Joey Lefante
Authorized Instructor

Joey Lefante
Authorized Instructor

Joey Lefante
Authorized instructor



Certificate of Completion

presented to

Brandon DeJean

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: July 1, 2019
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 2.5

Joey Lefante
Authorized Instructor

Joey Lefante
Authorized Instructor

Joey Lefante
Authorized instructor



Certificate of Completion

presented to

Brandon DeJean

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: July 1, 2019
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3.5

John J. Calhoun
Authorized Instructor

John J. Calhoun
Authorized Instructor

John J. Calhoun
Authorized instructor



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Mary O'Rourke
has attended
Traffic Control Technician-LA State Specific
Training Course

2/7/2023 to 2/7/2027
Training Valid Through

Baton Rouge, LA
Location

Don H. Clark
Vice President of Education and Technical Services

Alan Tschetter
President, CEO

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



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Certificate of Completion

presented to

Brandon DeJean

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: July 2, 2019
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3.5

John J. Calhoun
Authorized Instructor

John J. Calhoun
Authorized Instructor

John J. Calhoun
Authorized instructor



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Nick Prudhomme
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

6/24/2022 to 6/24/2026
Training Valid Through

Baton Rouge, LA
Location

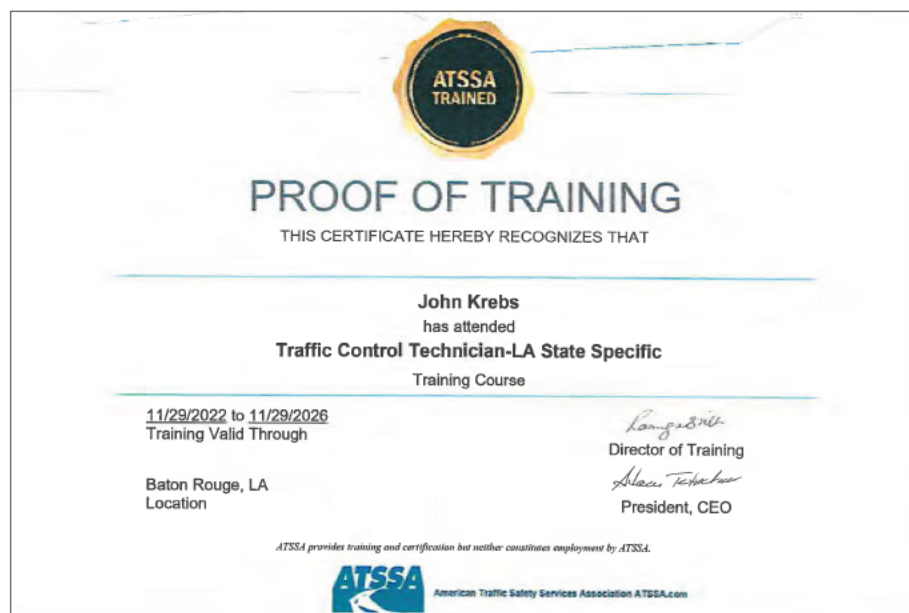
Don H. Clark
Director of Training

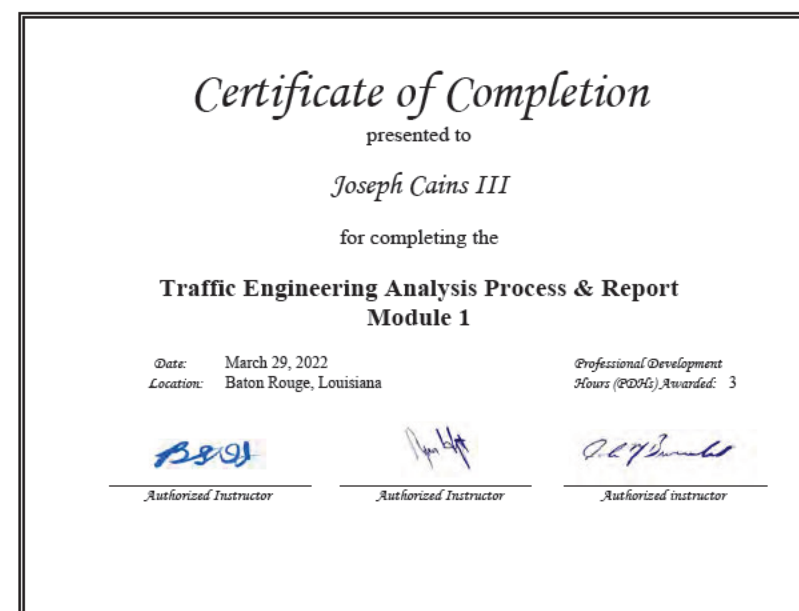
Alan Tschetter
President, CEO

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American Traffic Safety Services Association ATSSA.com





Certificate of Completion

presented to

Joseph Cains III

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



U.S. Department
of Transportation
Federal Highway
Administration

National Highway Institute



Certificate of Training

Brian Johnson

has participated in

FHWA-NHI-130053 Bridge Inspection Refresher Training

hosted by

Louisiana Department of Transportation & Development

Date: April 20-22, 2021

Hours of Instruction: 18

Location: Virtual Delivery, LA

Digitally signed by Allison H.
Landry, P.E.
Date: 2021.04.22 13:47:37 -0400

Instructor

Digitally signed by Randall
Leonard, P.E.
Date: 2021.04.22 14:33:51 -0500

Instructor

Allison H. Landry

Local Coordinator

Thomas Harman

Thomas Harman, Director
National Highway Institute

Certificate of Completion

presented to

Joseph Cains III

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

Certificate of Completion

presented to

Joseph Barker

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: July 30, 2018
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 2.5

Authorized Instructor

Authorized Instructor

Authorized instructor



Certificate of Completion

presented to

Joseph Barker

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: August 6, 2018
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3

Poly Galbreath
Authorized Instructor

Jim Holt
Authorized Instructor

R. G. Brumfield
Authorized instructor



Certificate of Completion

presented to

Matt Davis

for completing the

Traffic Engineering Analysis Process & Report Module 1

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

Professional Development
Hours (PDHs) Awarded: 2

Poly Galbreath
Authorized Instructor

Jim Holt
Authorized Instructor

R. G. Brumfield
Authorized instructor



Certificate of Completion

presented to

Joseph Barker

for completing the

Traffic Engineering Analysis Process & Report Module 3

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

Professional Development
Hours (PDHs) Awarded: 3

Poly Galbreath
Authorized Instructor

Jim Holt
Authorized Instructor

R. G. Brumfield
Authorized instructor



Certificate of Completion

presented to

Matt Davis

for completing the

Traffic Engineering Analysis Process & Report Module 2

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

Professional Development
Hours (PDHs) Awarded: 3

Poly Galbreath
Authorized Instructor

Jim Holt
Authorized Instructor

R. G. Brumfield
Authorized instructor



Certificate of Completion

presented to

Matt Davis

for completing the

Traffic Engineering Analysis Process & Report Module 3

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

Professional Development
Hours (PDHs) Awarded: 3

John Palermo
Authorized Instructor

John H. H.
Authorized Instructor

John H. H.
Authorized instructor



Joseph Palermo

has attended
National Flagger Certification Training Course

Completed: 06-JUN-2024

CEU (If Applicable): 0

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



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Joseph Keith Palermo
has attended

Traffic Control Supervisor Refresher-LA State Specific
Training Course

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

Baton Rouge, LA
Location

Don M. Clark
Vice President of Education and Technical Services
Alan T. Jackson
President, CEO

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



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Cindy Hall
has attended

Traffic Control Supervisor Refresher-LA State Specific
Training Course

6/24/2022 to 6/24/2026
Training Valid Through

Baton Rouge, LA
Location

Don M. Clark
Director of Training
Alan T. Jackson
President, CEO

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Certificate of Completion

presented to

Cindy Hall

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: March 10, 2021
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3

B. B. B.

Authorized Instructor

B. B. B.

Authorized Instructor

B. B. B.

Authorized instructor



Certificate of Completion

presented to

Cindy Hall

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: March 11, 2021
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3

B. B. B.

Authorized Instructor

B. B. B.

Authorized Instructor

B. B. B.

Authorized instructor



Certificate of Completion

presented to

Cindy Hall

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: March 10, 2021
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3

B. B. B.

Authorized Instructor

B. B. B.

Authorized Instructor

B. B. B.

Authorized instructor



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Stephen Mensah
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

6/24/2022 to 6/24/2026
Training Valid Through

Baton Rouge, LA
Location

Ranga B. B.
Director of Training
Abbas T. T.
President, CEO

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



American Traffic Safety Services Association ATSSA.com

Certificate of Completion

presented to

Stephen Mensah

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: July 30, 2018
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 2.5

John J. Calver
Authorized Instructor

John H. H.
Authorized Instructor

John J. Calver
Authorized instructor



Certificate of Completion

presented to

Stephen Mensah

for completing the

Traffic Engineering Analysis Process & Report Module 3

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

Professional Development
Hours (PDHs) Awarded: 3

John J. Calver
Authorized Instructor

John H. H.
Authorized Instructor

John J. Calver
Authorized instructor



Certificate of Completion

presented to

Stephen Mensah

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: August 6, 2018
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3

John J. Calver
Authorized Instructor

John H. H.
Authorized Instructor

John J. Calver
Authorized instructor



Transportation Professional Certification Board Inc.

certifies that

Stephen A. Mensah

*has met all of the requirements established by the Certification Board
to use the title of*

PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

unless withdrawn by the Certification Board and subject to the provisions for renewal.

Certificate number 3960 issued in Washington, D.C. U.S.A.

November 18, 2015

Kenneth W. Abbott
Chair



Executive Director



NATIONAL FIRE PROTECTION ASSOCIATION

CERTIFICATE OF COMPLETION

NFPA 70, National Electrical Code (NEC) (2023)
Online Training Series

NISHANT WADJE

Completion Date: May 22, 2023
CEUs: 1.0 or 10 hours



J. Pauling
President, National Fire Protection Association

IT'S A BIG WORLD. LET'S PROTECT IT TOGETHER.®



NATIONAL FIRE PROTECTION ASSOCIATION

CERTIFICATE OF COMPLETION

2020 NFPA 70: National Electrical Code (NEC) Online
Training Series

DERRICK GOUDEAU

Completion Date: December 16, 2020
CEUs: 1.0 or 10 hours

J. Pauling
President, National Fire Protection Association

IT'S A BIG WORLD. LET'S PROTECT IT TOGETHER.®

G.E.C., Inc.

 **LOUISIANA**
SECRETARY OF STATE **NANCY LANDRY**

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

Previous Names
 Business: G.E.C., INC.
 Charter Number: 34458378D
 Registration Date: 3/15/1994

Domicile Address
 8282 GOODWOOD BLVD.
 BATON ROUGE, LA 70806

Mailing Address
 C/O CARY GOSS
 8282 GOODWOOD BLVD.
 BATON ROUGE, LA 70806

Principal Office Address
 8282 GOODWOOD BLVD.
 BATON ROUGE, LA 70806

Status
 Status: Active
 Annual Report Status: In Good Standing
 File Date: 3/15/1994
 Last Report Filed: 3/18/2026
 Type: Business Corporation

Registered Agent(s)
 Agent: KEVIN LANDRENEAU
 Address 1: 8282 GOODWOOD BLVD.
 City, State, Zip: BATON ROUGE, LA 70806
 Appointment Date: 5/3/2019

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

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

 Authorized Instructor
 Authorized Instructor
 Authorized instructor


 LOUISIANA DEPARTMENT OF
 TRANSPORTATION & DEVELOPMENT

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

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

 Authorized Instructor
 Authorized Instructor
 Authorized instructor


 LOUISIANA DEPARTMENT OF
 TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Christopher Nipper

for completing the

Traffic Engineering Analysis Process & Report Module 3

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

Professional Development
Hours (PDHs) Awarded: 3

Poly A. Calvarie
Authorized Instructor

Don Holt
Authorized Instructor

R. G. Brumfield
Authorized instructor



Certificate of Completion

presented to

Bliss Bernard

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: January 29, 2020
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3.5

Poly A. Calvarie
Authorized Instructor

Don Holt
Authorized Instructor

R. G. Brumfield
Authorized instructor



Certificate of Completion

presented to

Bliss Bernard

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: January 29, 2020
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 2.5

Poly A. Calvarie
Authorized Instructor

Don Holt
Authorized Instructor

R. G. Brumfield
Authorized instructor



Certificate of Completion

presented to

Bliss Bernard

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: January 30, 2020
Location: Baton Rouge, Louisiana

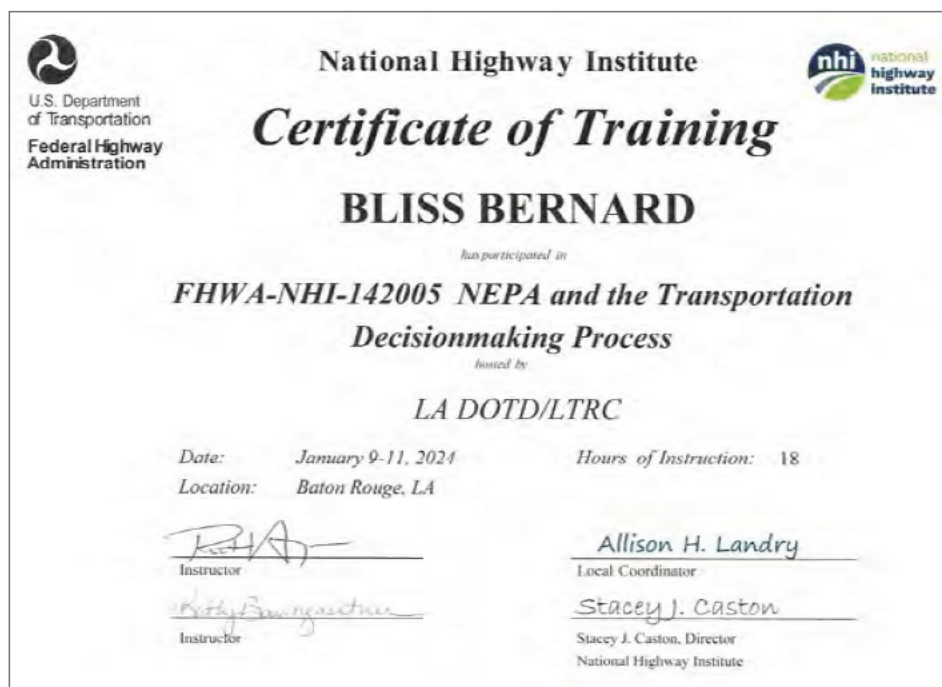
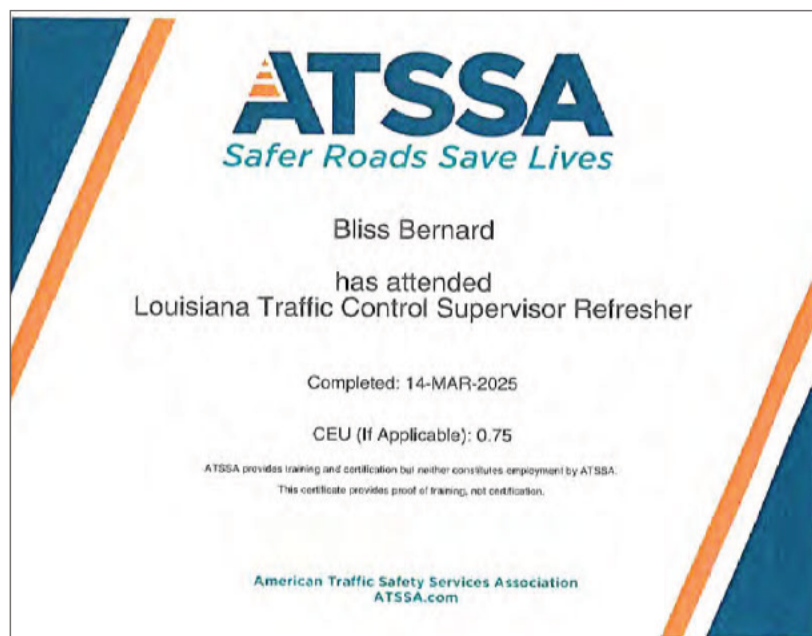
Professional Development
Hours (PDHs) Awarded: 3.5

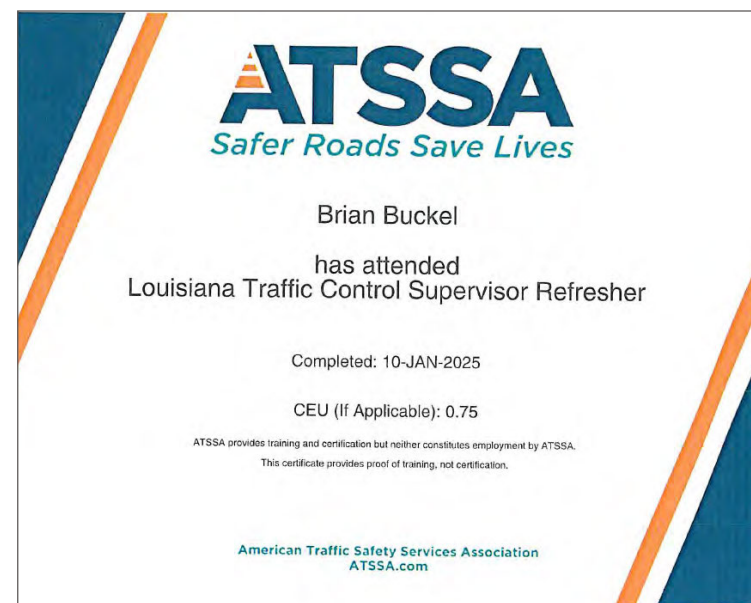
Poly A. Calvarie
Authorized Instructor

Don Holt
Authorized Instructor

R. G. Brumfield
Authorized instructor









State of Louisiana

Department of Transportation and Development

This certificate is presented to

Brian David Buckel

for successfully completing

**The Local Public Agency (LPA) Qualification Program:
Construction, Engineering, & Inspection (CE&I)
Training (Parts 1-9) on**

09-May-25



**American Traffic Safety
Services Association**

This is to affirm that

Zachary Boylan

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date **3/13/2024**

ATSSA

Exp. Date **3/12/2028**

Instructor Name

State Issued **Louisiana**

Donna M. Clark

Instructor Signature

A1000177231

Verify at Flagger.com



State of Louisiana

Department of Transportation and Development

This certificate is presented to

Zachary Boylan

for successfully completing

**The Local Public Agency (LPA) Qualification Program:
Construction, Engineering, & Inspection (CE&I)
Training (Parts 1-9) on**

5/23/2025



ATSSA
Safer Roads Save Lives

Zachary Boylan

has attended
Louisiana Traffic Control Supervisor Refresher

Completed: **23-FEB-2024**

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



State of Louisiana
Department of Transportation and Development

This certificate is presented to

James Wheeler

for successfully completing
The Local Public Agency (LPA) Qualification Program:
Construction, Engineering, & Inspection (CE&I)
Training (Parts 1-9) on

5/13/2025



AWARD OF SUCCESSFUL COMPLETION
 IS HEREBY GRANTED TO

James Wheeler

WHO HAS SUCCESSFULLY COMPLETED THE FOLLOWING COURSE

C5 Supervisor _Competent Person Training Refresher

Baton Rouge, LA
 January 17, 2025
 0.8 CEU

Jennifer Rogers
 Senior Director of Education



AMPP is accredited by the International Association for Continuing Education and Training (IACET) and offers IACET CEUs for its training events that comply with the ANSI/ISO 9001:2015 standard. IACET is recognized internationally as a standard development organization and accrediting body that promotes quality of continuing education and training.

AMPP Association for Materials Protection and Performance (Formerly NACE International and SSPC: The Society for Protective Coatings)
 This Certificate of Completion denotes successful completion of an AMPP training course and should not be interpreted as the award of Certification.



James Wheeler
 has attended
 Louisiana Traffic Control Supervisor Refresher

Completed: 10-JAN-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



NATIONAL FIRE PROTECTION ASSOCIATION
TRAINING CERTIFICATE
OF COMPLETION

This certificate is presented to

Jimmy Wheeler

2026 NFPA 70, National Electrical Code (NEC) Online Series

ID #: 2144191049
 Completion Date: 04/24/2026
 CEUs: 1



Jim Farley
 President, NFPA



State of Louisiana

Department of Transportation and Development

This certificate is presented to

Keith Rebello

for successfully completing

**The Local Public Agency (LPA) Qualification Program:
Construction, Engineering, & Inspection (CE&I)**

Training (Parts 1-9) on

May 14, 2025



Keith Rebello

GeoEngineers, Inc.

Name	Type	City	Status
GEOENGINEERS, INC.	Business Corporation (Non-Louisiana)	REDMOND	Active

Previous Names

GEOENGINEERS OF WASHINGTON, INC. (Changed: 1/12/2009)

Business: GEOENGINEERS, INC.

Charter Number: 30479804F

Registration Date: 6/22/2007

Domicile Address

17425 NE UNION HILL RD STE 250
REDMOND, WA 980523375

Mailing Address

17425 NE UNION HILL RD STE 250
REDMOND, WA 98052

Principal Business Office

17425 NE UNION HILL RD STE 250
REDMOND, WA 98052

Registered Office in Louisiana

201 RUE BEAUREGARD, STE. 202
LAFAYETTE, LA 70508

Principal Business Establishment in Louisiana

44508 BLUEBONNET BLVD.
BATON ROUGE, LA 70809

Status

Status: Active

Annual Report Status: In Good Standing

Qualified: 6/22/2007

Last Report Filed: 5/24/2026

Type: Business Corporation (Non-Louisiana)

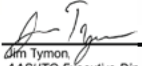
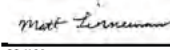
Registered Agent(s)

Agent: REGISTERED AGENTS INC

Address 1: 201 RUE BEAUREGARD, STE. 202

City, State, Zip: LAFAYETTE, LA 70508

Appointment Date: 11/8/2023

AASHTO ACCREDITED		CERTIFICATE OF ACCREDITATION		AASHTO	
GeoEngineers, Inc.					
in					
Baton Rouge, Louisiana, USA					
has demonstrated proficiency for the testing of construction materials and has conformed to the requirements established in AASHTO R 18 and the AASHTO Accreditation policies established by the AASHTO Committee on Materials and Pavements.					
The scope of accreditation can be viewed on the Directory of AASHTO Accredited Laboratories (aashtoresource.org).					
 Jim Tymon AASHTO Executive Director			 Matt Linneman AASHTO COMP Chair		
This certificate was generated on 08/14/2025 at 4:59 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory					

AASHTO ACCREDITED		SCOPE OF AASHTO ACCREDITATION FOR:	
		GeoEngineers, Inc.	
		in Baton Rouge, Louisiana, USA	
Quality Management System			
Standard:		Accredited Since:	
R18 Establishing and Implementing a Quality System for Construction Materials Testing Laboratories		02/09/2012	
Page 1 of 2			
This certificate was generated on 08/14/2025 at 4:59 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory			

 **SCOPE OF AASHTO ACCREDITATION FOR:**
GeoEngineers, Inc.
in Baton Rouge, Louisiana, USA

Soil

Standard:	Accredited Since:
D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	12/20/2012
D422 Particle Size Analysis of Soils by Hydrometer	12/20/2012
D854 Specific Gravity of Soils	12/20/2012
D1140 Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	02/09/2012
D2166 Unconfined Compressive Strength of Cohesive Soil	12/20/2012
D2216 Laboratory Determination of Moisture Content of Soils	12/20/2012
D2435 One-Dimensional Consolidation Properties of Soils Using Incremental Loading	12/20/2012
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	02/09/2012
D2488 Description and Identification of Soils (Visual-Manual Procedure)	02/09/2012
D2850 Unconsolidated, Undrained Compressive Strength of Cohesive Soils in Triaxial Compression	12/20/2012
D2974 Determination of Organic Content in Soils by Loss on Ignition	12/20/2012
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	12/20/2012
D4318 Plastic Limit of Soils (Atterberg Limits)	12/20/2012
D6913 Particle-Size Distribution (Gravimetric) of Soils Using Sieve Analysis	06/01/2016

Page 2 of 2

This certificate was generated on 08/14/2025 at 4:59 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aashtoaccreditation-directory


ATSSA
Safer Roads Save Lives

Nicholas Hull
has attended
Louisiana Traffic Control Technician

Completed: 16-MAR-2026

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


Office of Conservation
Department of Energy and Natural Resources
STATE OF LOUISIANA

WATER WELL CONTRACTOR'S LICENSE

The Office of Conservation
for the Department of Energy and Natural Resources
State of Louisiana
hereby certifies that

GEOENGINEERS, INC.
Kyle Kilfian

has been licensed to drill environmental wells under the provisions of R.S. 38:3098
and is entitled to practice in the state of Louisiana as a Water Well Contractor.

This License is non-transferable and expires June 30, 2026 unless
renewed, revoked or suspended by the licensing authority as prescribed by statute.

Signed and sealed this 28th day of May, 2025


GAVIN D. BROUSSARD
ENVIRONMENTAL DIVISION ADMINISTRATOR
Office of Conservation
Louisiana Department of Energy and Natural Resources

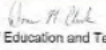
License No. WWC- # 724


PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Chien-An Ju
has attended
Louisiana Traffic Control Technician
Training Course

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

Baton Rouge, 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

Surveying and Mapping, LLC/SAM (formerly SJB Group, LLC)

Louisiana
SECRETARY OF STATE **NANCY LANDRY**

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Name	Type	City	Status
SURVEYING AND MAPPING, LLC	Limited Liability Company (Non-Louisiana)	AUSTIN	Active

Previous Names
SURVEYING AND MAPPING, INC. (Changed: 4/30/2014)
Business: SURVEYING AND MAPPING, LLC
Charter Number: 37054876Q
Registration Date: 5/26/2009

Domicile Address
4801 SOUTHWEST PARKWAY
BUILDING 2, SUITE 100
AUSTIN, TX 78735

Mailing Address
4801 SOUTHWEST PARKWAY
BUILDING 2, SUITE 100
AUSTIN, TX 78735

Principal Business Office
4801 SOUTHWEST PARKWAY
BUILDING 2, SUITE 100
AUSTIN, TX 78735

Registered Office in Louisiana
3867 PLAZA TOWER DR., 1ST FLOOR
BATON ROUGE, LA 70816

Principal Business Establishment in Louisiana
3867 PLAZA TOWER DRIVE
1ST FLOOR
BATON ROUGE, LA 70816

Status
Status: Active
Annual Report Status: In Good Standing
Qualified: 5/26/2009
Last Report Filed: 5/5/2026
Type: Limited Liability Company (Non-Louisiana)

Registered Agent(s)
Agent: INCDP SERVICES, INC.
Address 1: 3867 PLAZA TOWER DR., 1ST FLOOR
City, State, Zip: BATON ROUGE, LA 70816
Appointment Date: 5/26/2009

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Name	Type	City	Status
SJB GROUP, L.L.C.	Limited Liability Company	BATON ROUGE	Active

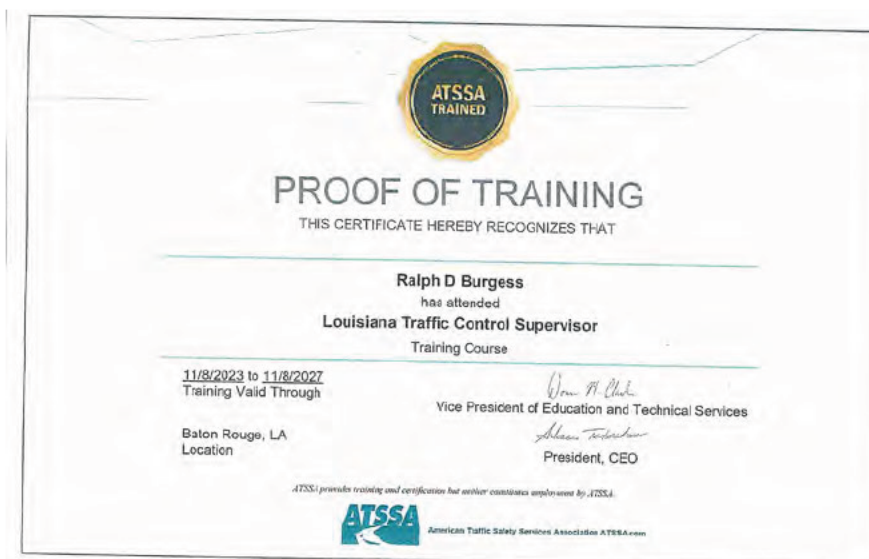
Previous Names
Business: SJB GROUP, L.L.C.
Charter Number: 36003779K
Registration Date: 12/2/2005

Domicile Address
5344 BRITTANY DRIVE
BATON ROUGE, LA 70808

Mailing Address
C/O MATTHEW ESTOPINAL
5344 BRITTANY DRIVE
BATON ROUGE, LA 70808

Status
Status: Active
Annual Report Status: In Good Standing
File Date: 12/2/2005
Last Report Filed: 11/3/2025
Type: Limited Liability Company

Registered Agent(s)
Agent: MATTHEW ESTOPINAL
Address 1: 5344 BRITTANY DRIVE
City, State, Zip: BATON ROUGE, LA 70808
Appointment Date: 4/17/2023








LOUISIANA ASSOCIATED GENERAL CONTRACTORS, INC.

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

June 8, 2026

To Whom It May Concern,

This is to verify that the listed employee of **SJB Group LLC** has successfully completed LADOTD required ATSSA Traffic Control Training.

ATSSA Traffic Control Technician Training – Erick Kidder

ATSSA Traffic Control Supervisor Training – Erick Kidder

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 Aubrie Rosevear at the above captioned address.

Best Regards,

Reldon Owens- LAGC Chief Executive Officer

https://learn1.gatssa.com/content/prod/enc/option/yW/qZx_ZaW-AdP/y6QKxQ/1735918213/0216MDEzNIMZZEFnS/p0SHVhdEE0dHV3M/g3JBET... 1/



LOUISIANA ASSOCIATED GENERAL CONTRACTORS, INC.

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

June 8, 2026

To Whom It May Concern,

This is to verify that the listed employee of *SJB Group LLC* has successfully completed LADOTD required ATSSA Traffic Control Training.

ATSSA Traffic Control Technician Training – Daniel Biggs

ATSSA Traffic Control Supervisor Training – Daniel Biggs

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 Aubrie Rosevear at the above captioned address.

Best Regards,

Reldon Owens- LAGC Chief Executive Officer



**American Traffic Safety
 Services Association**

This is to affirm that

Daniel Biggs

*has satisfied the requirements to be designated as a
CERTIFIED FLAGGER*

Issue Date 7/5/2022

ATSSA

Exp. Date 7/4/2026

Instructor Name

State Issued LA

Instructor Signature

A1000089117

Verify at Flagger.com

Civil Design & Construction, Inc.



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Name	Type	City	Status
CIVIL DESIGN & CONSTRUCTION, INC.	Business Corporation	PORT ALLEN	Active

Previous Names

Business: CIVIL DESIGN & CONSTRUCTION, INC.
Charter Number: 35961196D
Registration Date: 6/15/2005

Domicile Address

3251 SOUTHERN PACIFIC ROAD
PORT ALLEN, LA 70767

Mailing Address

P O BOX 857
PORT ALLEN, LA 70767

Principal Office Address

3251 SOUTHERN PACIFIC ROAD
PORT ALLEN, LA 70767

Status

Status: Active
Annual Report Status: In Good Standing
File Date: 6/15/2005
Last Report Filed: 5/18/2026
Type: Business Corporation

Registered Agent(s)

Agent: KARLA E. WESTON
Address 1: 7951 FALSE RIVER ROAD
City, State, Zip: NEW ROADS, LA 70760
Appointment Date: 6/15/2005



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



ATSSA
Safer Roads Save Lives

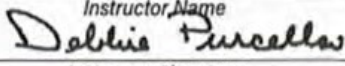
American Traffic Safety
Services Association

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 

State Issued LA Instructor Signature

V0000287042 Verify at Flagger.com



Reich Landscape Architecture, L.L.C.



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Name	Type	City	Status
REICH LANDSCAPE ARCHITECTURE , L.L.C.	Limited Liability Company	BATON ROUGE	Active

Previous Names

REICH ASSOCIATES, L.L.C. (Changed: 4/16/2019)

Business: REICH LANDSCAPE ARCHITECTURE , L.L.C.

Charter Number: 35676976K

Registration Date: 3/30/2004

Domicile Address

301 T.J. JEMISON BLVD
BATON ROUGE, LA 70802

Mailing Address

C/O WILLIAM A. REICH
301 T.J. JEMISON BLVD
BATON ROUGE, LA 70802

Status

Status: Active

Annual Report Status: In Good Standing

File Date: 3/30/2004

Last Report Filed: 3/3/2026

Type: Limited Liability Company

Registered Agent(s)

Agent: WILLIAM A. REICH

Address 1: 301 T.J. JEMISON BLVD

City, State, Zip: BATON ROUGE, LA 70802

Appointment Date: 3/30/2004

Franklin Associates, LLC



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

Previous Names

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

Business: FRANKLIN ASSOCIATES, LLC

Charter Number: 36013721K

Registration Date: 9/13/2005

Domicile Address

250 S. FOSTER DRIVE
BATON ROUGE, LA 708064103

Mailing Address

C/O PERRY J. FRANKLIN, SR.
250 S. FOSTER DRIVE
BATON ROUGE, LA 708064103

Status

Status: Active

Annual Report Status: In Good Standing

File Date: 9/13/2005

Last Report Filed: 8/14/2025

Type: Limited Liability Company

Registered Agent(s)

Agent: PERRY J. FRANKLIN, SR.
Address 1: 250 S. FOSTER DRIVE
City, State, Zip: BATON ROUGE, LA 70806
Appointment Date: 9/13/2005

Louisiana Tree Service (LATSC), LLC

Louisiana
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Name	Type	City	Status
LATSC, LLC	Limited Liability Company	BATON ROUGE	Active

Previous Names
Business: LATSC, LLC
Charter Number: 44610314K
Registration Date: 9/30/2021

Domicile Address
12225 N. OAK HILLS PARKWAY
BATON ROUGE, LA 70810

Mailing Address
12225 N. OAK HILLS PARKWAY
BATON ROUGE, LA 70810

Status
Status: Active
Annual Report Status: In Good Standing
File Date: 9/30/2021
Last Report Filed: 9/2/2025
Type: Limited Liability Company

Registered Agent(s)
Agent: ERLINGSON BANKS, PLLC
Address 1: 301 MAIN ST
Address 2: STE 2110
City, State, Zip: BATON ROUGE, LA 70801
Appointment Date: 9/30/2021



Horticulture Registration: DAVID COURTRIGHT
License(s): ARBORIST 26-0802

Date: 12/16/2025
LDAF ID: 121039

Please verify information for correctness. If changes are necessary, make corrections and promptly return to issuing agency.

LOUISIANA DEPARTMENT OF AGRICULTURE & FORESTRY
MIKE STRAIN DVM, COMMISSIONER

Agricultural & Environmental Sciences, 5825 Florida Blvd, Suite 3002, Baton Rouge, LA 70806, (225) 952-8100; FAX (225) 925-5760

Be it known, that effective 02/01/2026 through 01/31/2027, having complied with all relevant requirements of the Louisiana Revised Statutes, the individual named below is hereby licensed in the following profession(s):

License(s): ARBORIST 26-0802

DAVID COURTRIGHT
12225 NORTH OAK HILLS PARKWAY
BATON ROUGE LA 70810

Mike Strain
Commissioner

LDAF ID: 121039

DISPLAY IN A PROMINENT PLACE



Krebs Corporation.



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SECRETARY OF STATE
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Name	Type	City	Status
KREBS CORPORATION.	Business Corporation (Non-Louisiana)	PARK CITY	Active

Previous Names

Business: KREBS CORPORATION.
Charter Number: 43926113F
Registration Date: 6/9/2020

Domicile Address

1840 SUN PEAK DR., SUITE B-102
PARK CITY, UT 84098

Mailing Address

P.O. BOX 980910
PARK CITY, UT 84098

Principal Business Office

1840 SUN PEAK DR., SUITE B-102
PARK CITY, UT 84098

Registered Office in Louisiana

3867 PLAZA TOWER DR., 1ST FLOOR
BATON ROUGE, LA 70816

Principal Business Establishment in Louisiana

3867 PLAZA TOWER DRIVE, 1ST FLOOR
BATON ROUGE, LA 70816

Status

Status: Active
Annual Report Status: In Good Standing
Qualified: 6/9/2020
Last Report Filed: 5/21/2026
Type: Business Corporation (Non-Louisiana)

Registered Agent(s)

Agent: INCORP SERVICES, INC.
Address 1: 3867 PLAZA TOWER DR., 1ST FLOOR
City, State, Zip: BATON ROUGE, LA 70816
Appointment Date: 6/9/2020

21. **QA/QC Plan and/or Work Plan:**

If the advertisement requires submission of a QA/QC plan, include them 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.**

Please see QA/QC plan attached on the following pages.

Quality Management Plan

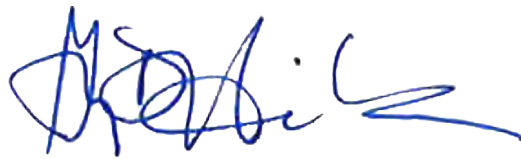
**CONTRACT NOS. 4400035363, 4400035364, 4400035365,
4400035366, and 4400035367**

**IDIQ CONTRACTS FOR ENGINEERING AND TECHNICAL SUPPORT
SERVICES FOR CRITICAL PROJECTS STATEWIDE**

Stantec Project No.: TBD

A handwritten signature in blue ink, appearing to read "Brian Johnson".

Brian Johnson, P.E. – Structural Design QC Lead

A handwritten signature in blue ink, appearing to read "Gary Heitman".

Gary Heitman, P.E. – Contract Manager

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Foreword

Stantec recognizes the importance of quality for the captioned Engineering and Technical Support Services for Critical Projects IDIQ Contract. We are committed to developing, implementing, and adhering to a detailed Quality Management Plan for all services provided as part of the Project. In addition, since the Project has a significant bridge component, our team is committed to the principles dictated in the LADOTD, Bridge Design Section, “Policy on Quality Control and Quality Assurance’s Construction Plans”.

This Quality Management Plan (**QMP**) is a “living document”. As such, it will periodically be reviewed for performance and amended as necessary to achieve the quality commitments and goals. This QMP will also be amended as the Project moves into future phases of development.

In our commitment to quality, this **Quality Management Plan (QMP)** will satisfy all criteria by:

- A. Creating guidelines, processes and protocols which clearly demonstrate that QC/QA is the full responsibility of our team and not a responsibility of the LDOTD.
- B. Creating clear definitions of responsibility for our designers, checkers, reviewers, and various professionals of record.
- C. Assigning designers and QC/QA personnel to the Project, who are exceedingly qualified to perform the work required of the Project.
- D. Creating Project specific processes and protocols which are clearly described and effective in ensuring accuracy in our design and plan details.
- E. Creating all the necessary QC/QA tools, such as checklists, standard forms and training materials. All our QC/QA tools will be well documented and well suited to the scope and the complexity of the Project.
- F. Creating a focus on the QC/QA concepts for the bridge design elements of the Project by defining specific quality procedures for the major structures of the Project; describing how the QMP will support quality work for the Project; and creating clear definitions of QC/QA.
- G. Provide training to all personnel working on the Project specific to their role in the Project.

The **goals of the QMP for this Critical Projects IDIQ Contract** are to:

- Increase the probability of meeting the LDOTD's expectations in terms of the finished product
- Improve analysis and design solutions
- Provide adequate detail on plans
- Reduce errors in reports and plans
- Reduce constructability issues
- Maintain schedule through all project phases
- Allow for efficient and effective innovative solutions, materials and techniques
- Minimize community impacts
- Enhance worker and public safety
- Minimize construction related traffic disruptions
- Accurately mitigate impacts of unforeseen conditions and events

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Particularly with respect to the bridge elements of this Critical Projects IDIQ Contract, the LADOTD Bridge Section has specific QC/QA processes which must be addressed. This QMP conforms to Part I – Policy and Procedures; Chapter 3 - Policy for Quality Control and Quality Assurance (QC/QA) of the current LADOTD BRIDGE DESIGN AND EVALUATION MANUAL (BDEM).

This **QMP** contains seven (7) appendixes:

- APPENDIX A: GUIDELINES FOR DESIGN & DOCUMENT PREPARATION
- APPENDIX B: GUIDELINES FOR PROCESSES
- APPENDIX C: QC CHECKLIST & COMMENT FORMS
- APPENDIX D: QA CHECKLIST & COMMENT FORMS
- APPENDIX E: INDEPENDENT REVIEW & COMMENT FORM
- APPENDIX F: LADOTD BRIDGE DESIGN QC/QA PLAN
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 - F4: LADOTD BRIDGE DESIGN (QC/QA CERTIFICATION)
 - F5: LADOTD BRIDGE DESIGN (PEER REVIEW RESOLUTION AGREEMENT)
 - F6: LADOTD BRIDGE DESIGN (CONSULTANT PROJECT BRIDGE DESIGN KICK-OFF MEETING AGENDA CHECKLIST)
- APPENDIX G: NON-CONFORMANCE REPORT FORM

This **QMP** will be distributed to all team members and reviewed to confirm understanding. All team members will be trained so that they understand their role and obligation in implementing the QMP. All personnel shall be held accountable to these high standards.

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Revision Summary

To be completed by document owner and/or originator of revisions prior to issue to team.

Revision	Date	Section	Summary of Revision
1.0	06/30/2026	N/A	Transmitted to LADOTD

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Required Reading Form

All members of this Critical Projects IDIQ Contract – Designers, Checkers, Reviewers, and Professionals of Record shall become acquainted with the contents of this document and related attachments. As a record of responsibility of the team, and a record of accountability by Stantec, this form shall be maintained on the Project.

Name	Signature	Date

SECTION 1. UNDERSTANDING OUR ROLE

1.1 STANTEC PHILOSOPHY AND POLICY ON QUALITY (ISO 9001 5.1, 5.2 AND 5.3)

Stantec clearly understands, and believes, that the responsibility for Quality in our services and deliverables is 100% ours. In satisfying the LADOTD's Policy on QC and QA, this QMP creates a commitment to continual improvement of project execution, product quality and the reduction of quality related costs. We believe that RESPONSIBILITY is created through processes and guidelines that are integral to our team's thinking. We believe that ACCOUNTABILITY is created through purposeful reporting and measured results by our leaders. And we believe that SUCCESS is created by our team's ownership of the **QMP**. To this end, Stantec will provide experienced leadership, specifically tasked with developing, maintaining, enhancing and monitoring the performance of the overall system of quality for the Replacement of the two (2) Bridges.

1.2 QUALITY MANAGEMENT PLAN PHILOSOPHY

A critical component of our **QMP** will be to ensure that all Stantec staff involved in the Project are aware of the **QMP** and committed to following its direction. Our QC/QA Manager is responsible for providing Project staff with a copy of the **QMP** and encouraging its use throughout the life of the Project. This goal will be accomplished through an initial training process supplemented with ongoing training to present process revisions based on the results of QC/QA reviews and Project audits. In addition to our **QMP**, each Project team member, regardless of his/her role, will be responsible for the quality of his/her own work and will be expected to provide an appropriate level of quality control on that work.

1.3 QUALITY MANAGEMENT PLAN PRINCIPLES

The guidance for quality management of Stantec projects will be based on three quality principles:

- Client focus
- Project processes
- Measurement, analysis and improvement

1.3.1 Client Focus

Stantec knows and understands that our future depends on our Clients – which equates to satisfaction with our company and services. Therefore, our primary focus is to understand our Client's current and future needs, while continually striving to meet and exceed our Client's requirements and expectations.

For our Clients, our focus is on "**MAKING IT WORK**". We maintain this focus by:

- **Knowing our Client's View** – we strive to know what the expectations are within our Client's organization, including such things as design philosophy, cost expectations, and project purpose.
- **Knowing our Client's People** - we focus on relationships by knowing the point-of-contact for our Clients and understanding “who does he report to?”, or “what is her background on this type of project?”, or more personally “what makes him really excited? Or upset?”
- **Knowing our Client's Scope** – we strive to completely understand project requirements. We want to appreciate “what's behind that?” and pursue it until we get answers like, “that's very important to the project outcome,” or “that's crucial to project approval,” or “that's a particular area of project distinction”.
- **Knowing our Client's Risk** – we appreciate and attempt to understand our Client's important issues such as “what keeps him up at night?”; or “what will create problems for her?”; or in a positive way, understanding “what outcome will give greatest value”, or “what outcome will give greatest satisfaction.”

Another area of Client focus is critical attention to project **time, cost and deliverables**. Stantec understands that these three factors have an impact on each other and requires evaluation - taking into consideration our Clients' requirements and expectations. We realize that on some projects - or with some Clients - the balancing of these three factors can be particularly delicate. Client focus in these cases is all about our ability to communicate and deliver the basic project requirements while managing expectations and outcomes.

Our Client focus always involves **effective communication**. Our goal is to be continual and timely, thus creating and building confidence with our Client that their expectations are being met and value is being achieved.

Stantec's Client focus also includes **interfaces with all Stakeholders**. These interfaces are crucial to Project success in facilitating the exchange of information, as appropriate, throughout the project. Our focus on behalf of the Client includes resolution of any conflicts between project requirements and Stakeholders requirements – with Client requirements taking precedence, except in the case of statutory or regulatory requirements.

Our focus on “MAKING IT WORK” becomes the Project's Quality Objective - not only for deliverables, but also for our Client's needs and expectations. This Quality Objective outlines the path to a high level of Client satisfaction.

STANTEC QUALITY CONTROL/QUALITY ASSURANCE CONCEPTS & DEFINITIONS

Our concept for QC/QA on this Critical Projects IDIQ Contract follows proven methods which include process controls, detailed QC procedures, QA reviews, and continual maintenance and updating of the **Project Design Criteria**. As a management tool of our **QMP**, quality audits and management reviews will also occur. The **QMP** is a living document that will be reviewed and amended throughout the Project cycle in a commitment to continual improvement.

Additionally, our **QMP** will support quality work through Independent Checks focused on Consistency, Constructability and Risk avoidance.

The following definitions of quality management, quality control and quality assurance will apply to the Replacement of the Two (2) Bridges.

Checking Stamp	An electronic or rubber stamp to be affixed on all QC documents and to be used as part of the Five Step Process for all QC Checking .
Five Step Procedure	A detailed checking procedure to be followed by all QC Checkers .
Independent Review	As part of the QA Review, an Independent Review will include one (are more) of the following: • Consistency review of the plan details to assure uniformity of design, detailing, format and presentation; • Constructability review of the plan details to identify possible design improvements to make construction easier, safer and less costly and/or reduce environmental impacts; • Operational Review to understand how the Project functions, how it can be more user friendly and easier to maintain and how the design can be made more efficient; and, • Risk review of areas of critical importance; areas where, based on the reviewer's experience, mistakes may be typically found; and areas that may be new to the design practice.
Inter-Discipline Reviews	A review focused on specific discipline elements or coordination between different disciplines – includes survey, roadway and bridge; bridge and geotechnical; roadway and traffic; etc.
Management Review Meetings	Review by Project leadership and QC/QA leadership to measure QC/QA compliance at various Project milestones. Review will also include effectiveness of the QMP with the objective of continual improvement.

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Primary QC Signature	Signature by Project Manager / Discipline Leader on all submittals and documents prepared under their control.
Quality Control (QC) Submittal Checking	Every work product requires a full review. Work products include plans, cost estimates, reports, evaluations, or studies. For the various submittals, responsibilities may include: • Checking for completeness in accordance with guidelines approved by the Project Manager or Discipline Leader; • Ensuring that the work product adequately and accurately presents the required information; • Verification of all dimensions and quantity calculations; • Verification of the accuracy of the preparer's work product; • Verification that all design information is correctly and completely shown on the details and in accordance with the approved design calculations; • Verification of conformance to standards of practice; • Verifications of cost effectiveness & fitness for the purpose and function of the specified Project; • Performance of CAD drawing reviews for formatting, layering and CAD Conform requirements; and • Performance of redline checks of the work product (where deemed necessary); or production of an independent work product and comparison of the results.
QC Design Checking	A full review of the design calculations, survey calculations, software input and output, and cost estimates. Responsibilities will also include: • Verification of the accuracy and adequacy of the preparer's work product; • Compliance with specified codes, standards, and permits; • Conformance to standards of practice; • Performance of redline checks of the work product; or production of an independent work product and comparison of the results; and • Ensuring that the work product adequately and accurately presents the required information. (The calculations of the Design Checker will also become a part of the calculation of record when independent checking calculations are produced.) (The Design Checker will not be the one who performed the original design.)
QC (LADOTD Bridge Design)	In addition to the definitions above: This process involves the procedure of checking the accuracy and consistency of calculations and drawings, detecting

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conflicts, design errors and omissions, and the procedure for resolution of internal comments, correcting and verification of revisions. Also, specific to bridge design, the process verifies that all bridge components are adequately designed for the specified limit states in the AASHTO LRFD Bridge Design Specifications and the LA DOTD Bridge Design Manual and Memoranda.

Quality Assurance (QA) Review

A review of QC documents to ensure that the QC process is complete and the work products (field rolls, designs, plans, cost estimates, reports, evaluations, and studies) are in accordance with the established Project practices, policies, and procedures.

QA (LADOTD Bridge Design)

In addition to the definition above: This process involves the review of the QC documents to verify that the quality control (QC) procedure has been completed in accordance with the LA DOTD Bridge QC/QA policy. In addition, the QA process verifies that the QC process was effective in preventing design and plan errors and assuring consistency.

QA Information Package

Package of Quality Control documentation submitted to the QA Reviewer. QA Information Packages will be prepared for all Project submittals and shall include appropriate designs, plans, cost estimates, reports, evaluations, or studies. QA Packages will include all QC documentation of the Project submittal such as calculations, plans, and estimates of probable construction costs and include checklists, comments and markups by the Project Professional, Design Checker and Detail Checker.

Quality Management Plan (QMP)

The documented requirements that establish and define responsibilities, performance measures, milestone audits and work procedures to ensure that the project deliverables meet predetermined requirements. It encompasses Quality Control, Quality Assurance, and Audit of the scope of work covered by the Project.

SECTION 2. QUALIFICATIONS AND RESPONSIBILITIES OF STANTEC LEADERSHIP AND STAFF

The following qualifications and responsibilities will apply to the leadership and staff of the Stantec team on the Critical Projects IDIQ Contract.

- | | |
|------------------------|--|
| Designer | <p>Engineer (LA licensed PE or EI) directly tasked with the development of design calculations, drawings, and estimates of probable construction costs. Responsibilities will include:</p> <ul style="list-style-type: none">• Understanding and following the Project Design Criteria;• Developing, organizing and maintaining design calculations;• Communicating with the detailer and supervising the detailing work to ensure adequate and accurate presentation of design information;• Checking his own work; and• Updating design calculations to correct any errors or omissions discovered by the Design Checker. |
| Detailer | <p>Individual directly responsible for the creation of CAD drawings. Responsibilities will include:</p> <ul style="list-style-type: none">• Understanding of drawing formats;• Understanding of layering requirements;• Understanding of LADOTD's CAD Conform requirements; and• Checking his own work for accuracy and completeness. . |
| Project Manager | <p>Professional (LA licensed as required) (in most cases a Louisiana licensed PE) tasked with the duty to lead the Stantec team, with the following experience and responsibilities:</p> <ul style="list-style-type: none">• Experience – Professional with technical and management experience of projects with similar scope and magnitude.• Responsibilities<ul style="list-style-type: none">➤ Serve as overall project leader and liaison with the LADOTD;➤ Develop and monitor overall project scope, schedule and budget;➤ Identify and obtain approval of any scope changes (when required);➤ Monitor the overall project development, deadlines and deliverables;➤ Work and coordinate with all Discipline Leaders through the |

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progression of the Project;

- Determine all required Inter-Discipline and Independent Review requirements of the Project;
- Establish and monitor protocol and procedures for communications with LADOTD, stakeholders and Discipline Leaders;
- Establish procedures for identifying and resolving project conflicts, constraints and other risks;
- Conduct Project Reviews to identify and track key issues, and provide recommendations for function and efficiency improvements. (Depending on the magnitude and schedule of the Project, reviews can also be post-mortem.)
- Monitor the overall QMP for QC/QA, including systems for tracking progress and completion;
- Accept final work products;
- Track and verify overall project archiving;
- Sign, or delegate responsibility to sign, all Deliverable Release Forms.
- Collaborate and effectively communicate with Stantec team;
- Lead meetings, forums and discussions with LADOTD, stakeholders, and Discipline Leaders in Project development and Project decisions;
- Assign and manage resources to execute the work in accordance with the Project schedule;
- Ensure checking and review by appropriate senior individuals that all deliverables are in accordance with the Project Design Criteria, the QMP for QA/QC, and LADOTD standards.
- Establish written agreement for the scope and budget for the Project;
- Achieve budget through effective control of the work;
- Provide prompt identification and submission for formal approval of all scope changes to the Client;
- Archive all Project data and Project deliverables (including surveys, designs, plans, cost estimates, reports, and studies) in accordance with the QMP. Responsibility also includes Bridge Design Section records retention policy.

Discipline Leader

Professional (LA licensed as required) assigned to the specific discipline of the Project (Environmental, Surveying, Geometrics, Traffic, ITS, Roadway, or Bridge) and responsible for supervision and/or preparation of all deliverables and submittals as defined by the Project Scope for the assigned Discipline. Experience and responsibilities will include:

- **Experience** – Professional (LA licensed as required) with experience in executing similar Discipline assignments.
- **Responsibilities**
 - Collaborate and communicate on a regular basis with the Project Manager;
 - Take full responsibility for providing Discipline scope and schedule;
 - Develop, update and implement the Project Design Criteria as related to the Discipline;
 - Oversee the development, organization and maintenance of design (where required) and submittals as related to the Discipline;
 - Identify activities required for completion of the work for the Discipline;
 - Maintain a project deliverable list for the Discipline;
 - Maintain matrix (or list) of staff assigned as originators and checkers of the work product by the Discipline;
 - Determine the necessary technical knowledge and experience required for all Discipline activities;
 - Lead and guide the Discipline staff required for execution;
 - Oversee all procedures and forms related to the Discipline;
 - Approve and validate all software used by the Discipline staff;
 - Develop (as required) and adhere to Process Guidelines (PG's);
 - Sub-consultant oversight (as assigned) within the Discipline;
 - Inter-discipline Reviews (IDR) - as initiator or participant;
 - Implement the **QMP** for QC and QA to be performed for the Discipline;
 - **Appendix F contains special provisions for Bridge QC/QA. These special provisions outline additional and/or revised responsibilities for the Bridge Discipline Leader.**

Engineer-of-Record (EOR)

Engineer (LA licensed PE), designated by the Project Manager, responsible for supervision and/or preparation of plans, sealing calculations, plans, and special provisions. (The EOR can be the Designer, Design Checker, QA Reviewer, or Project Manager - who is directly involved in the project design activities.) The responsibilities of the EOR include:

- Ensure the QC/QA certifications are signed by all responsible parties
- Assemble design calculations from all designers, finalize the calculation book, and seal the cover sheet of the calculation book.
- Ensure the names of the Designer, Design Checker, Detailer, Detail Checker, and QA Reviewer are correctly shown on the title block of each plan sheet.

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	• Stamp all plan sheets or designate a Designer, Design Checker, or QA Reviewer developed under their supervision. • Ensure all special provisions are accurately shown on the construction proposal and stamped by the Specification Engineer (or by the EOR).
Independent Reviewer (IR)	Engineer (LA licensed PE) responsible for conducting a totally independent review of all Project document and final deliverables. The Independent Reviewer and QA Reviewer may be the same and also occur at the same time.
QA Reviewer	Engineer, Surveyor or appropriate Professional (LA licensed PE or PLS where required) assigned QA Review responsibilities. The Reviewer must have experience related to the Project discipline.
QC Design Checker	Engineer (LA licensed PE) assigned QC Design Checking responsibilities.
QC Submittal Checker	Engineer, Surveyor or appropriate Professional (LA licensed PE or PLS where required) assigned QC Submittal Checking responsibilities.
QC/QA Leader	Engineer (LA licensed PE) responsible for coordinating the Quality Management practices across the Project and to ensure implementation of the QMP for the Project. Duties also include: • Establish Process Controls and overall QMP for QA/QC; • Provide QC and QA oversight; • Prepare Quality Audit Reports (Proof of Compliance) to track quality trends, solicits feedback from the LADOTD on quality related issues; • Attend Management Review Meetings conducted by the Project Manager and prepare report of findings and recommendations for improvement; and • Sign Delivery Release Record attesting that all QC/QA documentation has been properly completed and authorized for release of the submittal.

SECTION 3. DESCRIPTION OF THE QC, QA & IR PROCESSES

3.1 QUALITY MANAGEMENT PLAN

The Quality Management Plan for the Critical Projects IDIQ Contract includes formats and templates for QC and QA that have been successful on many past projects. Our QMP processes will also focus on the following:

- **High risk elements** which will include the segmental concrete superstructures, signature structures, and unique foundation systems;
- **Rigorous verification elements** such as project geometrics; and
- **Refinement elements** such as superstructures and substructures with a high level of repetition - where efficiency of detail could yield financial benefit.

3.1.1 Project Meetings

Project meetings required for the Critical Projects IDIQ Contract task orders are as outlined and described in the Scope of Work. All project meetings will be guided by the principles and requirements as detailed in the **Process Guideline (Project Meetings)**.

3.1.2 Process Control

As required for more complex projects, this document should outline all aspects of preconstruction activities, design guidelines, environmental requirements, permitting, specifications, right-of-way, utility relocations, estimates, and financial.

Process control may include the following:

- Identify, confirm, document and communicate objectives, deliverables, schedule, work plan, standards and analysis methodology
- Obtain confirmation, and approval where required - by the LADOTD and other stakeholders
- Confirm the information provided for project implementation is complete and accurate
- Review site conditions, particularly those areas where conflicts and constraints may affect design or constructability
- Maintain a documented, indexed and traceable record of all work in a format that allows the project team access to all pertinent project information
- Ensure all deliverables are signed and stamped in accordance with LADOTD requirements
- Provide all documentation to the designated quality control checkers and quality assurance reviewers, including Non-Conformance Reports

3.2 QUALITY CONTROL

Quality control (QC) is the responsibility of each individual undertaking a component of the work. To assist in this process, the **Project Manager** will establish as part of this **QMP** responsibilities and procedures for checking technical accuracy of the work, identifying and correcting any discrepancies, rejecting product not meeting requirements if necessary, and accepting the final work product as well as defining the frequency of implementing some or all of the procedure and reviewing procedural performance. It is expected that this procedure will include checks by individuals knowledgeable of the technical requirements for a particular activity and with the relevant qualifications and experience in the discipline.

QC reviews will be conducted for all submittals at the required LDOTD Milestones. The **Project Manager** will work with the **Discipline Leaders** to identify **QC** reviews and who will have responsibility for **QC** of these reviews. As part of the **QC** accountability, the **Discipline Leader** will be the **Primary QC Signature** on all submittals and documents prepared under their control. As part of this **QMP**, **Discipline Leaders** will be responsible for the following:

- Complete **Section 4** of the **QMP** by assigning **QC Design Checkers** and **QC Submittal Checkers** possessing the technical skills, relevant qualifications and experience required to complete these efforts;
- Utilize the checklists included in **Appendix A**, or create checklists to assist in the reviews and provide documentation of the review;
- For **QC Design & Submittal Checking**, a **Five Step Procedure** will be used. For this purpose, the **Checking Stamp** shown below will be used. The **Checking Stamp** is available as an electronic image or a rubber stamp which must be affixed to the documents.

SUBMITTAL:		
ORIGINATOR: _____	DATE: _____	
CHECKER: _____	DATE: _____	
BACKCHECKER: _____	DATE: _____	
CORRECTOR: _____	DATE: _____	
VERIFIER: _____	DATE: _____	

Checking Stamp

3.2.1 Five Step Procedure

Step 1. Once **Designer & Detailer** complete calculations and plans a **Check Print Stamp** will be placed on calculations and plans indicating a submittal name/division. **Designer/Detailer (Originator)** will sign and date on calculations/plans, and will provide calculations and/or plan sets to the **Checker**.

Step 2. The **Checker** will indicate with a highlighter  that he agrees with, and use red marks  that he would like to make comments. **Checker** will sign and date the calculations and/or plan sheets being checked and give it to **Backchecker** (can be the same person as the **Originator**).

Step 3. **Backchecker** will go through all the comments made by the **checker**. If he agrees he would put a green check  beside the **Checker's** comments. But if the **Backchecker** disagrees with the **Checker's** comment he will resolve the disagreement with the **Checker**. If the **Checker's** comments needs to be changed the **Backchecker** will strike through the **Checker's** comments and update it using a . The **Backchecker** will sign and date it.

Step 4. **Corrector** (can be the same person as the **Originator**) will correct all comments which are agreed upon. Once the correction is made he will circle the changes with a . **Corrector** will sign and date it, he will give it to **Verifier**.

Step 5. **Verifier** (can be the same person as the **Checker**) will verify all changes, and will highlight the . He will sign and date it to complete the process.

Quality Control Records will be checked documents (*including evidence of checking, evidence of verification, evidence of interdisciplinary review, and evidence of approval*), memoranda, meeting notes, or checklists specific to the task.

3.2.2 Quality Control (LADOTD Bridge Requirements)

Refer to Appendix 'F' for details on completing **LDOTD Bridge QC/QA**. These procedures are tailored to satisfy the **LADOTD, Bridge Design Section, "Policy on Quality Control and Quality Assurance's Construction Plans."** These procedures augment the procedures described herein and are **required for all LDOTD Bridge work products**.

Quality Control (QC) Bridge will have the responsibilities as detailed in Appendix 'F'. In addition, **QC (Bridge)** will also include:

- For the simple and moderately complex elements of the Project, create checklists to assist in the reviews and provide documentation of the review.
- For the high-risk elements and complex structural components of the Project, institute the use of independent modeling and QC by independent design teams, rather than line-by-line checking to make sure that both math and methodology are checked in an effective way.

- Create Process Guidelines (PG's) as the basic tool to define standards, outline technical approaches, and define the salient points and objectives of design. PG's will be developed by Discipline Leaders and other senior technical staff.

Particular components of the PG's will include:

- Bridge PG's – create protocols to identify software to be used, the methodology and approach to structure interactions, construction preferences for materials and methods, specific LADOTD criteria, and project specific criteria. The purpose of the PG's is to serve as clear guides to keep design efforts focused and coordinated.
- Bridge "Complex" Element PG's - will also establish protocols for elements defined as "complex" in preparing independent analyses and required calculations to ensure true independence for comparison to the original analyses and calculations used to perform a QC check of the bridge plans.

3.3 QUALITY ASSURANCE

As part of this **QMP**, the Quality Control/Quality Assurance (QC/QA) Manager will establish the following:

- Assign Quality Management Personnel (QA reviewers) for the Project and ensure these individuals possess the technical skills, relevant qualifications and experience required to complete the efforts (in particular, the bridge aspects of the project) (These individuals are summarized in Section 4);
- Verify that Quality Assurance (QA) Information Packages have been properly prepared for the QA reviewer's use;
- Complete the required QA certification (signed by the appropriate QA reviewer);
- Document QA reviewer's comments;
- Reconcile, and/or develop accepted course of action;
- Prepare QA Review Comment Form Reports or Non-Conformance Form Reports as appropriate to deal with issues noted in the review; and
- Confirm that all issues raised and actions identified are addressed.

For LADOTD Bridge Design, QA packages shall be prepared as detailed in **Appendix C**.

3.4 INDEPENDENT REVIEW AND CONSTRUCTABILITY REVIEW

An independent individual/team will be identified to develop additional ideas to assure that enhance innovation and construction for the Project.

As part of the QA Review, an Independent Reviewer will include be designated and identified in the Section 5, Quality Management (QC/QA) Personnel. The Independent Reviewer will perform consistency, constructability and risk reviews as defined in Section 2 of this document.

3.4.1 Document and Data Control

Quality related records, including hard copy and digital file documentation, will be received and maintained in accordance with Stantec best practices.

These records will include the following:

- Copy of the **QMP** and all revisions to the plan
- Copy of all **Quality Control** checklists and certifications for each milestone review
- Copy of all **Quality Assurance** certifications for each review
- Copy of all **Design Review Comment Forms, Non-Conformance Reports** and evidence of the corrective action and subsequent compliance for **QC** and **QA** reviews

For **LADOTD Bridge Design**, Calculation Books shall be prepared as detailed in **Appendix B**.

3.4.2 Control of Sub-Contracted Work

Sub-consultants will be required to provide a copy of their QMP for review by Stantec; or, be required to follow the Stantec **QMP**.

3.4.3 Control and Correction of Non-Conforming Work

Identified deviations from designs or non-conformances need to be assessed, documented, and communicated to affected parties. This process will be handled through Design Review Comment Forms and Non-Conformance Reports (NCRs).

The corrective action taken and any preventative actions identified as being appropriate to prevent future occurrences will be documented.

3.5 PROJECT DESCRIPTION AND SCOPE

3.5.1 Disciplines/Tasks

The general scope of services for this project and the tasks to be performed by the consultant are as follows:

Task 1: Bridge Design Services

General Bridge Engineering Services

Bridge design services shall be provided for fixed and movable bridges. Bridge types may include, but are not limited to, new bridges, bridge replacements, bridge rehabilitation, bridge preventive maintenance and repair, and roadway lighting. Bridge engineering services may include the following:

- Bridge/structural inspection and evaluation of existing bridges or other structures (sign trusses, fender systems, etc.). Associated reports shall be provided as required
- As-designed, as-built, and condition bridge ratings

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- Design peer review of developed plans or conceptual designs to verify concept, constructability, and accuracy of designs along with associated reports, conclusions, calculations, and recommendations as needed
- Construction engineering support including construction drawing review, shop drawing review, request for information support, contractor proposals, etc.

Sampling, Instrumentation and Non-destructive Testing

These services include the following:

Sampling

- Collection of samples
- Evaluation of protective coating material samples for determination of compatibility with proposed coatings, analysis for heavy metals, proper procedures for treatment, handling, disposal of waste, etc.

Instrumentation

- Design of instrumentation plans. Installation of instrumentation, data acquisition, analysis, and evaluation of structure based on instrumentation plan
- Provision and installation of instrumentation, including all materials required to mount the instrumentation
- Provision of data acquisition systems, software updates, power supplies, communication to data servers, data hosting services, maintenance, and data access to DOTD
- Calibration services for instrumentation systems and sensors
- Maintenance services to repair and/or replace sensors, data acquisition systems, and power supplies
- Analysis and evaluation of accumulated data and final assessments and development of corresponding reports based on data and associated calculations

Non-destructive Testing

- Proof loading
- Estimation of concrete strength
- Assessment of reinforcement condition, cover, location, and diameter
- Detection of cracks, voids, and delamination in concrete
- Assessment of steel member condition

Task 2: Geotechnical Services

Consultant shall provide geotechnical services including investigations, analysis and design. Geotechnical field investigations including both shallow and deep soil borings, laboratory testing and analysis, preparation of soil boring logs, geotechnical analysis and design based on obtained data or data furnished by the DOTD and Construction related engineering services.

Task 3: Road Design and Traffic Services

Consultant shall provide services including preliminary and final roadway design and plan development; Hydraulic analysis and design; Traffic engineering, traffic control design, and data collection; and Transportation Management Plan (TMP) development.

Task 4: Surveying and Title Work Services

Consultant shall provide surveying and title work services necessary to perform topographic, and boundary surveying, develop right-of-way maps, and provide other existing site data. The services shall include topographic surveying, 3D laser scanning, and underwater acoustical imaging, property and boundary surveying, property title work including title research and reports and Construction related surveying services.

Task 5: Bridge Inspection Services

Consultant shall provide services to perform Statewide NBIS In-Depth Inspections of complex structures. The services may include detailed in-depth field inspection on all bridge components, including an element level inspection. An NBIS underwater bridge inspection may be required for submerged elements; assessment of the coating system, conducted by a certified SSPC Protective Coating Specialist or a certified NACE Bridge Coating Inspector and In-depth inspection report outlining recommended repairs, rehabilitation, and corrections.

Task 6: Environmental and Permitting Services

Consultant shall provide environmental and permitting services necessary to obtain project permits. Required permits may include, but are not limited to, the following:

- Coastal Use permits (CUP) from the LA Department of Natural Resources
- Wetland permits (404 and Nationwide) and Section 10 permits from the US Army Corps of Engineers
- Water Quality Certification from the LA Department of Environmental Quality
- Scenic Stream permits from the LA Department of Wildlife and Fisheries
- Bridge permits from the US Coast Guard
- Levee permits from various levee boards

3.5.2 Specifications and Standards

The Scope of Services requires that this contract be in compliance with AASHTO LRFD Bridge Design Specifications, 9th Edition, Manual for Bridge Evaluation, 3rd Edition with 2018 Interim Revisions, and the Louisiana Department of Transportation and Development's guidelines, manuals and standards, as applicable to the required services.

3.5.3 Project Schedule

Services will commence upon receipt of the task work order authorization and as directed by the Department's Project Manager. The services will continue until notice is given by the Department's Project Manager to end the services or when the approved cost for the services is exhausted.

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Project submittals, associated schedule, and format shall be established in each Task Order. All bridge plan submittals shall be submitted in pdf format and the 100% signed final plans shall be submitted in full size paper and in pdf format. Design and rating calculations shall be submitted in pdf format no later than 30 days after the 100% final plan submittal.

SECTION 4. QUALITY MANAGEMENT (QC/QA) PERSONNEL

List of Personnel Assigned to Quality Management Tasks per Activity	Structural Design QC Lead – Brian Johnson, PE
<i>Other team assignments will be made after award and TO execution.</i>	
Bridge Design Services (Fixed and Movable)	
Designer(s)	
QC – Design & Plans	
QA – Design & Plans & Independent Review	Brian Johnson, PE
Bridge Inspection Services	
Bridge Inspectors(s)	
Roadway and Traffic	
Designer(s)	
QC – Design & Plans	
QA – Design & Plans & Independent Review	Joe Cains III, PE (Roadway) Joseph Barker, PE, PTOE (Traffic) Matthew Davis, PE, PTOE (ITS)
Topographic, Property Surveys and Underwater imaging/ 3D Scanning	
Designer(s) and Technicians	
QC – Design & Plans	
QA – Design & Plans & Independent Review	<i>QA will be assigned to the survey firm who is not performing delivery of the TO assignments.</i>
Geotechnical	
Designer(s) and Lab Technicians	
QC – Design & Plans	
QA – Design & Plans & Independent Review	James Aronstein, Jr, PE
Environmental and Permitting	
Designer(s)	
QC – Design & Plans	
QA – Design & Plans & Independent Review	Scott Hoffeld

Appendix A20: Guidelines for Document Preparation

A.1 Purpose and Scope

- A.1.1. The purpose of these Guidelines is to establish a method for consistently delivering quality project work that meets client needs and prevents rework.
- A.1.2. These Guidelines are mandatory and apply to all project work.
- A.1.3. Methods for rework prevention include reviewing project input; checking and verifying project work by someone other than the **Originator**; conducting **Interdisciplinary Reviews**, where required; and **Approving** project work for further use or delivery.
- A.1.4. It is recognized that some projects do not result in the “traditional” deliverables of calculations, designs, contract documents, studies/reports, etc. Nonetheless, the principles underlying **Checking** and **Verification** must be applied.
- A.1.5. These Guidelines are to be supplemented by the Appendix F – **LDOTD Bridge QC/QA**.

A.2 Preparation of Calculations

A.2.1. Terms and Definitions

- A.2.1.1 Calculations – Mathematics-based computations that transform input data into a result that is used as further input to the delivered project work, or is delivered directly to the client to meet contract obligations.
- A.2.1.2 Assumptions – Estimated or presumed information used as input to a calculation.
- A.2.1.3 Confirmation – Verification that an assumption was correct based on actual data.

A.2.2. Procedure

A.2.2.1 Calculation Preparation

- (i) **Discipline Leaders** shall assign qualified individuals the task of preparing calculations and are responsible for monitoring compliance with this guideline.
- (ii) **Calculations** are to be neat, legible and suitable for reproduction. They are to be prepared using company calculation pads, where available, including a header with space for identifying the calculation title, page numbers, project name and number, and the **Originator's** and **Checker's** names, initials and dates.
- (iii) **Calculations** must be organized and logically presented, and are to include sufficient notes, explanations and sketches to make the calculation easily

followed. The intent is to make calculations understandable by an individual competent in the subject matter without going back to the originator.

- (iv) The following information should be provided in the calculation, or on a cover or summary page:
 - (a) Objective – A statement of the problem or question to be solved (if not obvious from the title).
 - (b) Method – Identify the methods to be used, including software.
 - (c) Assumptions – Clearly state any assumptions applied.
 - (d) References and Inputs – Identify the inputs and the references for inputs, equations, methods, etc. Design inputs used as the basis for calculations shall be verified by the **Originator** as obtained from a reliable source. Design equations, tables, field data, etc., shall be referenced to the specific section of the applicable design code or manual. Any information not readily available to a reviewer should be attached as an appendix to the calculations.
 - (e) Conclusions – Clearly state the conclusions of the calculations including any limitations, conditions and/or exceptions.
- (v) Confirmations – Critical assumptions need to be tracked and confirmed by the **Originator** as soon as valid and current data becomes available. The impact of any variances between assumptions and confirmed information must be evaluated, and any necessary revisions to calculations made.
- (vi) In assembling larger sets of calculations, or where providing summary information will be useful, the use of a calculation cover page may be helpful.
- (vii) Prior to the results of a calculation being utilized for subsequent design work, relevant calculations shall be checked and verified in accordance with **Checking and Verification Procedure** and documented accordingly.

A.2.2.2 Computer Calculations

- (i) Computer calculations shall include or reference documentation clearly explaining the program's function, nomenclature, and sign conventions utilized. All technical software must be validated in accordance with the **Software Validation Procedure**.
- (ii) Calculations utilizing computer programs to perform analyses or design shall include the following:
 - (a) Name of the program including version or revision level.

- (b) Paper copies of computer output files, or portions thereof, that are required to satisfy the documentation requirements of this procedure shall be labelled and filed.
- (c) Identification and/or location of associated electronic files.
- (iii) Spreadsheet calculations shall be documented and organized so that formulae used in the spreadsheet can be checked for accuracy of incorporation into the spreadsheet, using a calculator or other method. After validation of the spreadsheet calculations the spreadsheet shall be protected to prevent inadvertent modification of the embedded formulae.

A.2.2.3 Revisions to Calculations

Revisions (or cancellations) may be required after an initial set of calculations has been reviewed. These revisions may be a result of client comments, scope changes, or errors found during subsequent reviews. Revisions to the calculations do not necessarily warrant a second review of the entire set of calculations. Only the revised portion of the calculations may need to be reviewed. Required revisions shall, therefore, be completed as follows to appropriately document the revisions made:

- (i) Revisions shall be reviewed and approved in the same manner as the original. The **Originator** and **Reviewer** of the calculations shall be responsible for the revision. The revision to the calculation shall be clearly identified and dated or shall be replaced by a new calculation.
- (ii) Revisions shall be prepared in a manner that provides a clear record of the content of the calculation, both prior to and after the revision. The reason for the revision should be identified.
- (iii) Revisions to calculations that impact other disciplines shall be immediately reported to the **Project Manager** and the affected disciplines.

A.2.2.4 Control of Calculations

- (i) All calculations shall be organized and adequately indexed to facilitate retrieval of results and verification of completeness. A calculation index may be useful as a tool to help plan and organize the work, or may be developed upon completion of the calculations for record and archival purposes.
- (ii) On completion of the calculation review process, original calculations including calculation cover pages, checklists, index pages and other associated documents shall be controlled.

A.3 Preparation of Studies/Reports

A.3.1. Terms and Definitions

A.3.1.1 **Technical Study or Report** – A hardcopy or electronic document based on technical information gathered and evaluated with professional insight and delivered to the client. Generally, a technical study or report contains conclusions and often contains recommendations.

A.3.2. Procedure

A.3.2.1 Style and Format

- (i) The report should be prepared following the client-specific preference and project standardized format. If the client has a specific preference or the office or group preparing the report has a previously used style with that client, these factors should be considered in developing the report format.
- (ii) The format (organization and content) of project technical studies and reports shall be based on the client's requirements. Absent client-specified format, the **Project Manager** and/or the originating **Discipline Leader** shall determine the format based on the scope and complexity of the report.

A.3.2.2 Development and Review

- (i) **Discipline Leaders** shall assign qualified individuals the task of preparing study and report content and are responsible for monitoring compliance with this guideline.
- (ii) **Discipline Leaders** shall arrange for reviews in accordance with the **Checking and Verification Procedure** and documented in the associated forms.
- (iii) In addition to discipline reviews, the **Project Manager** shall review the study/report for overall adequacy, completeness, and contractual requirements including compliance with applicable client requirements.

A.3.2.3 Distribution and Filing

- (i) **Project Manager** shall distribute copies of technical reports and studies and any changes thereto to personnel/organizations requiring them.
- (ii) If multiple reports are expected, it is suggested that the **Project Manager** or designee maintain an index of project technical studies and reports.

A.3.2.4 Changes

- (i) Technical reports and studies should be maintained current with significant changes identified during technical development.
- (ii) Changes to issued technical reports and studies shall be processed in the form of revision/addenda, approved and distributed.
- (iii) Changes incorporated in technical reports and study revisions that are to be reissued should be identified. The reasons for changes should also be provided when it would be helpful for users. The revision date shall be added to the cover.

A.3.2.5 Use of Photographs or Digital Images

- (i) Photographic or digital images used in the **Study or Report** depicting conditions relevant to the findings or conclusions shall be dated. Electronic files of images of photography taken by project staff or subconsultants shall be retained in project files along with a record print. Photos used in a report from a source other than project photography shall be attributed to the proper source.

A.4 Preparation of Drawings

A.4.1. Procedure

A.4.1.1 General Guidelines

- (i) **Discipline Leaders** shall assign qualified individuals the task of preparing drawings and are responsible for monitoring compliance with this guideline.
- (ii) At project inception, a project drawing list is to be developed, or updated from one prepared during the proposal phase, by each discipline. Drawing lists will be updated at each milestone to help the **Project Manager** in estimating progress or completion status.
- (iii) Drawing Numbers and File Naming – Drawings and drawing files shall be uniquely identified with drawing numbers in accordance with the system applicable to the project.
- (iv) CAD Standards – The CAD Standards to be used on the project shall be as identified in the scope of services, or through detailed discussions with the client.
- (v) Origin of Drawings – **Discipline Leaders** are responsible for assigning the preparation of drawings to a **Designer** who may work with the **Detailer** working under the direction of a CAD Manager. Each **Designer** shall be responsible for seeing that the required information is transmitted to the **Detailer** via sketches, marked-up prints, electronic data, and/or written or verbal instructions.

- (vi) Duplication of information is to be avoided on drawings, and between drawings and specifications.

A.4.1.2 Review of Drawings During Preparation

- (i) **Designer** will conduct periodic reviews of drawings in progress to see that proper scales, orientation, standards, formats and design information are being utilized and that the design input has been interpreted, applied properly, and is being coordinated with other disciplines. This type of “over-the-shoulder” review takes place as the work progresses, and precedes the formal reviews that occur as part of the **Checking** and **Verification Procedure**.
- (ii) Where available, the **Designer** may use discipline-specific, client-specific, project-specific or other similar checklists to verify that design, construction and presentation aspects and details are being adequately addressed.

A.4.1.3 Client Requests for Unchecked In-progress Drawings

- (i) Clients occasionally request non-contractual, unscheduled, interim or in-progress submittals of drawings for any number of purposes. Given the risks associated with providing unchecked documents to a client and the potential for client complaints, it is always intended that drawings be reviewed in accordance with the **Checking** and **Verification Procedure** prior to submission. However, when circumstances demand, unchecked drawings may be released if the following minimum requirements are met:
 - (a) The **Project Manager** shall review the drawing set to confirm that the drawings have progressed to the completion level anticipated by the client and to confirm that the non- contractual progress submittal would not be deemed as unacceptable by the client in any way.
 - (b) A disclaimer statement (or bold stamp) shall be placed on the drawing set indicating that “IN-PROGRESS” and are being provided for “INFORMATION ONLY” at the request of the client.”
 - (c) The **Project Manager** shall submit the non-contractual progress submittal with a cover letter stating that the drawing set is being provided for “INFORMATION ONLY” as requested by the client. The cover letter shall also state that the IN-PROGRESS submittal has not yet been reviewed in accordance with project procedures and is subject to revision in concept and detail as work progresses.

A.4.1.4 Signing and Sealing of Drawings

- (i) Drawings issued for construction shall be signed and sealed in accordance with the laws of the applicable State, typically that where the project is located, not

where the design takes place. **Discipline Leaders** shall be responsible for understanding the practice and implementing on the project. Any discrepancy or confusion shall be brought to the attention of **Project Manager**.

A.5 Software Validation Procedure

A.5.1. Purpose and Scope

A.5.1.1 This procedure describes minimum requirements to ensure that technical software used on the project has been validated before use.

A.5.1.2 This procedure applies to software used for any of the following:

- (i) Performing calculations;
- (ii) Developing input for use in calculations;
- (iii) Creating designs or drawings using embedded calculations;
- (iv) Generating output provided directly to clients;
- (v) Generating output included in deliverables to clients; or
- (vi) Software that is developed and delivered to a client as a contractual obligation.

For purposes of this procedure, such software is referred to as “technical software.” Exclusions from this procedure include software:

- (i) That does not conform to the definitions provided in the list above;
- (ii) Used to produce output that is checked and verified manually;
- (iii) Inherent to equipment for measuring and testing, which is periodically verified and calibrated in accordance with the manufacturer’s specifications; or
- (iv) Designed to enable the operation and maintenance of a computer system and its associated programs (systems software).

A.5.1.3 Mathematical, formulaic and logic-based programming developed within standard office-type platforms such as Excel and Mathcad may typically be validated as calculations in accordance with the **Checking and Verification Procedure**. Advanced or complex programs that are not amenable to standard checking/verification shall be validated in accordance with this procedure.

A.5.2. Terms and Definitions

A.5.2.1 **Approver** – The individual, independent of the **Validator**, that reviews the validation output and accepts the software for use on the project.

A.5.2.2 **Industry-Standard Software** – Commercially available technical software that is widely used and accepted in a discipline or practice area, and that does not require significant adaptation.

A.5.2.3 **Legacy Software** – Technical software regularly used in the current version for at least three years and for which no problems have been reported, or for which problems have been reported and corrected.

A.5.2.4 **Non-Standard Software** – Technical software that is not widely used and accepted in the industry.

A.5.2.5 **Software Register** – An up-to-date listing of validated technical software maintained by each **Discipline Leader** and posted in a location accessible to all staff.

A.5.2.6 **Validation** – The process of accepting technical software for use by an LCP Company.

A.5.2.7 **Validator** – The individual that performs the validation.

A.5.3. Procedure

A.5.3.1 Staff Responsibilities with Technical Software

All staff using technical software shall help ensure that technical software is used properly, that it is appropriate for the task at hand, and that any resulting errors, input/processing problems, or questionable output are reported to their **Discipline Leader**.

A.5.3.2 Technical Software Register

Discipline Leaders shall maintain a register, accessible to project staff that lists technical software that has been validated for use. The register shall include, at a minimum, the vendor name, software name/description, and version number.

A.5.3.3 Responsibility for Software and Validation

Discipline Leaders are responsible for monitoring the use of technical software within their departments, disciplines and/or practice areas and ensuring that such software meets the requirements of this procedure. When appropriate, **Discipline Leaders** may serve as Validators and/or Approvers.

A.5.3.4 Software Classification

Technical software shall be classified by the appropriate **Discipline Leader** into one of the following categories, as defined above:

- (i) Legacy Software
- (ii) Industry-standard Software
- (iii) Non-standard Software

A.5.3.5 Validation Process

The appropriate **Discipline Leader** shall assign a **Validator** and **Approver** who shall process the technical software in accordance with its classification as follows:

- (i) Legacy Software – Acceptance is based on previously documented and satisfactory internal production experience.
- (ii) Industry-Standard Software – The software developer/vendor shall be requested to provide a signed statement or certification that the software has undergone a quality control validation process confirming that it performs as intended. Based on this certification, such software requires no further validation other than a run with sample data to verify that the program functions properly. When no such statement or certification is available, the software shall be treated as Non-standard Software.
- (iii) Non-standard Software – Shall be validated using either of the following test procedures:
 - (a) Run the software using input from a known solution and verify that the program output matches the known solution. All significant design options/methodologies offered by the program shall be verified.
 - (b) Perform a manual calculation to verify the results obtained using the software.

A.5.3.6 Validation Approval

The **Validator** shall provide the results and documentation of the validation process to the assigned **Approver**, who shall review the information and, if found acceptable, approve the software for use. The **Approver** shall take the necessary steps to have the technical software added to the LCP validated software register. Technical software shall not be used in production until it has been accepted by the **Approver**.

A.5.3.7 Validation of Software Revisions

- (i) New versions of technical software that have been previously validated shall be reviewed by a **Validator** by running the input file or database from the previous version and comparing results. Any differences between the outputs shall be justifiable.
- (ii) When approving new versions, changes that may affect previous output shall be noted and communicated by the **Validator** to the **Discipline Leader**.
- (iii) The widespread use and acceptance of the new version of the software in our industry, without apparent concern regarding its performance, may also be considered as a basis for accepting new versions.
- (iv) New versions of technical software shall not be used prior to acceptance by the **Approver**.
- (v) Consideration shall be given to whether only the latest version of the software is to be maintained, keeping in mind that the use of older versions may still be required by the client or for continuity with earlier output.

A.5.3.8 Software Validation Documentation

The validation process shall be documented.

A.5.3.9 Software Errors

Errors discovered by any user in previously validated software that have the potential to affect completed work shall be reported to the appropriate **Discipline Leader**. The **Discipline Leader** shall then be responsible for:

- (i) Notifying the software developer/vendor and **Project Manager**
- (ii) Identifying projects that have used or are using the software
- (iii) Assessing the impact of the error on both completed and ongoing projects, including notification of other **Discipline Leaders** as appropriate.
- (iv) Developing a corrective action plan for all affected projects
- (v) Revising the validation documentation, including the software register, as necessary

Appendix B: Guidelines for Processes

B.1 Project Processes

We believe that a Project's desired result is achieved more efficiently when activities and related resources are managed as a Process. In achieving desired results, Process Guidelines must be identified and documented. Stantec develops typical Process Guidelines based upon past experiences. Unique Process Guidelines (PG's) are also developed for certain projects.

Our PG's are defined as those functions necessary for managing the Project as well as those that are necessary to realize the project's deliverable. Project processes include:

- administrative processes; and,
- technical processes

Our QMP provides Process Guidelines (PG's) for all known project processes. PG's outline a quality process to be performed; and becomes part of the QMP for the Project.

Basic Elements of a Process Guideline should include:

- purpose
- process description
- key elements
- responsibility/authority

Appendix C: QC Checklist & Comment Forms

QC DESIGN CHECKLIST & COMMENT FORM			
PROJECT ELEMENT			
ORIGINAL CALC	☐ Yes	☐ No	IF REVISED, REV'N NO.
DESIGNER		QC DESIGN CHECKER	
ENGINEER OF RECORD			
CALCULATION TYPE ☐ Hand calculation ☐ Spreadsheet ☐ Vendor Software ☐ Other			
1. If SPREADSHEET, has it been approved by Stantec's Project Manager?		☐ Yes	☐ No
2. If VENDOR SOFTWARE, is it on the LDOTD, Bridge Design Section website, pre-approved list?		☐ Yes	☐ No
3. If not on pre-approved list, has it been approved for use by LDOTD, Bridge Design Section?		☐ Yes	☐ No
4. If OTHER, please describe			
DESIGN INPUT VERIFICATION			
1. Has design input been generated from another source?		☐ Yes	☐ No
2. Has source information been checked and approved?		☐ Yes	☐ No
CALCULATION CHECK (If response is <u>No</u> , provide applicable comments)			
1. Has the DESIGNER signed and dated the calculation?		☐ Yes	☐ No ☐ N/A
2. Is the calculation in accordance with a standard approach to preparing the design?		☐ Yes	☐ No ☐ N/A
3. Is the calculation consistent with contractual requirements of the Scope of Work?		☐ Yes	☐ No ☐ N/A
4. Are any new DTM's by LDOTD required to be implemented in this design?		☐ Yes	☐ No ☐ N/A
5. Has the Project Design Criteria been included & followed?		☐ Yes	☐ No ☐ N/A
6. Is a Project "GO-BY" required for this design?		☐ Yes	☐ No ☐ N/A
7. Has the Project "GO-BY" been followed?		☐ Yes	☐ No ☐ N/A
8. Have assumptions for the design been reviewed and confirmed?		☐ Yes	☐ No ☐ N/A
9. Are results & conclusions consistent & reasonable considering the inputs & approach?		☐ Yes	☐ No ☐ N/A
10. Are special provisions or Non-Standard Specification required for this design?		☐ Yes	☐ No ☐ N/A
11. Have any NON-CONFORMANCE REPORTS been prepared?		☐ Yes	☐ No ☐ N/A
Comments:			
QC DESIGN CHECKER SIGNATURE _____		DATE: _____	

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QC DETAIL CHECKLIST & COMMENT FORM			
PROJECT DRAWINGS CHECKED			
ORIGINAL DRAWINGS	☐ Yes ☐ No	IF REVISED, REV'N NO.	
ORIGINATOR(S)		QC DETAIL CHECKER	
CHECK LEVEL	☐ 30% Final	☐ 95% Final	☐ 98% Final ☐ PS&E
DESIGN, QUANTITIES, MATERIALS, SPECIFICATIONS & NOTES			
1. Has the DESIGN INFORMATION been checked and approved?	☐ Yes	☐ No	☐ N/A
2. Have the QUANTITIES been checked and approved?	☐ Yes	☐ No	☐ N/A
3. Are the MATERIALS properly coordinated with the Project specifications?	☐ Yes	☐ No	☐ N/A
4. Are special provisions or Non-Standard Specifications required for any of the design elements or materials shown on the DRAWINGS?	☐ Yes	☐ No	☐ N/A
5. Do the NOTES include proper references for DESIGN & MATERIALS and proper cross-references to other DRAWINGS?	☐ Yes	☐ No	☐ N/A
DRAWING CHECK (If response is <u>No</u>, provide applicable comments)			
1. Are titles and sheet numbers properly shown & matching the Sheet Index?	☐ Yes	☐ No	☐ N/A
2. Have comments from previous internal reviews been addressed?	☐ Yes	☐ No	☐ N/A
3. Have comments from previous LDOTD reviews been addressed?	☐ Yes	☐ No	☐ N/A
4. Is the DESIGN INFORMATION properly and correctly presented?	☐ Yes	☐ No	☐ N/A
5. Is completeness sufficient for the REVIEW LEVEL?	☐ Yes	☐ No	☐ N/A
6. Have the appropriate CAD standards been followed?	☐ Yes	☐ No	☐ N/A
7. Are the DRAWINGS properly formatted in accordance with the "GO-BY"?	☐ Yes	☐ No	☐ N/A
8. Are there any constructability issues presented on the DRAWINGS?	☐ Yes	☐ No	☐ N/A
9. Have the appropriate CAD standards been followed?	☐ Yes	☐ No	☐ N/A
10. Have dimensions been independently verified?	☐ Yes	☐ No	☐ N/A
11. Are critical dimensions and clearances correct?	☐ Yes	☐ No	☐ N/A
12. Have redundancy and duplication issues been eliminated?	☐ Yes	☐ No	☐ N/A
13. Have the DRAWINGS' information been properly interfaced with other disciplines?	☐ Yes	☐ No	☐ N/A
14. Have Project geometrics been verified with other discipline drawings?	☐ Yes	☐ No	☐ N/A
15. Have any NON-CONFORMANCE REPORTS been prepared?	☐ Yes	☐ No	☐ N/A
Comments:			
QC DETAIL CHECKER SIGNATURE _____			DATE: _____

Appendix D: QA Checklist & Comment Forms

QA REVIEW & COMMENT FORM	
DESCRIPTION OF QA PACKAGE: Designs Included in Package: Drawings Included in Package:	
QA REVIEWER	
REVIEW LEVEL ☐ 95% Final ☐ 98% Final ☐ PS&E	
QA PACKAGE PREPARATION	
Has the QA PACKAGE been properly prepared for review? ☐ Yes ☐ No Have INDEPENDENT CHECKS been properly prepared & included in the QA PACKAGE? ☐ Yes ☐ No	
Comments:	
PACKAGE REVIEW (If response is <u>No</u> , provide applicable comments)	
1. Have all DESIGNS been properly checked in accordance with the 5-step method? 2. Have all DESIGN COMMENTS been properly resolved? 3. Have all DRAWINGS been properly checked in accordance with the 5-step method? 4. Have any NON-CONFORMANCE REPORTS been prepared?	☐ Yes ☐ No ☐ N/A ☐ Yes ☐ No ☐ N/A ☐ Yes ☐ No ☐ N/A ☐ Yes ☐ No ☐ N/A
Comments:	
QA REVIEWER SIGNATURE _____	DATE: _____

Appendix E: Independent Review & Comment Form

INDEPENDENT REVIEW & COMMENT FORM	
DESCRIPTION OF QA PACKAGE: Designs Included in Package: Drawings Included in Package:	
INDEPENDENT REVIEWER	
REVIEW LEVEL ☐ 95% Final	
IR PACKAGE PREPARATION	
Has the IR PACKAGE been properly prepared for review? ☐ Yes ☐ No	
Comments:	
COMPLETENESS & CONSTRUCTIBILITY REVIEW (If response is <u>No</u> , provide applicable comments)	
1. Do the PLANS & SPECIFICATIONS satisfactorily complete the Project SOW?	☐ Yes ☐ No ☐ N/A
2. Are the design concepts & technical solutions suitable to the Project's SOW?	☐ Yes ☐ No ☐ N/A
3. Are the PLANS & SPECIFICATIONS presented with completeness for bidding?	☐ Yes ☐ No ☐ N/A
4. Do the PLANS & SPECIFICATIONS provide the contractor with clear, concise information that can be utilized to prepare a competitive, cost-effective bid?	☐ Yes ☐ No ☐ N/A
5. Can the Project, as detailed in the PLANS & SPECIFICATIONS, be constructed using standard construction methods, materials and techniques?	☐ Yes ☐ No ☐ N/A
6. When constructed in accordance with the PLANS & SPECIFICATIONS, can the Project be maintained in a cost-effective manner?	☐ Yes ☐ No ☐ N/A
Comments:	
INDEPENDENT REVIEWER SIGNATURE _____ DATE: _____	

Appendix F: LADOTD Bridge Design QC/QA Plan

In addition to the **QC/QA** procedures described in this **QMP, LADOTD Bridge Design and Evaluation Manual (2014)** have established requirements for all bridge design and rating projects. This **Appendix F** has been developed with respect to the current **LADOTD Bridge policies**. Stantec's **QMP** program is well aligned with the **LADOTD Bridge Policy**.

Consistent with our **QMP** program, Stantec clearly understands, and believes, that the responsibility for Quality in our services and deliverables is **100% ours**. We also recognize that expectation of LADOTD Bridge and its staff is only to provide oversight on the design and rating process. For typical LADOTD Bridge assignments, the following Checklists are incorporated and become the requirement of the project/assignment. Where discrepancies arise between the Stantec QMP and the LADOTD Bridge Design QC/QA Plan, the LADOTD Bridge Design QC/QA Plan shall govern.

- F1: LADOTD Bridge Design (Design Criteria Checklist)
- F2: LADOTD Bridge Design (Final Calculation Book Checklist)
- F3: LADOTD Bridge Design (QA Information Packet Checklist)
- F4: LADOTD Bridge Design (QC/QA Certification)
- F5: LADOTD Bridge Design (Peer Review Resolution Agreement)
- F6: LADOTD Bridge Design (Consultant Project Bridge Design Kick-Off Meeting Agenda Checklist)

F1: LADOTD Bridge Design (Design Criteria Checklist)

Design criteria for each project shall include, but not limited to, the following sections:

- **Cover sheet** - The following information must be included on the cover sheet:
 - LADOTD project number
 - Project name
 - Revision date
 - The Supervisor or Team Leader's signature and date
- **Governing Design and Construction Specifications and Other References** - A list of governing design and construction specifications and other references used for the project shall be included in this section. The edition number, interim revisions, and/or publication date must be specified for each reference.
- **Design Assumptions and Design Exceptions** - All design assumptions and design exceptions received must be included in this section along with supporting documents.
- **General Information** - The general information as listed below should be included in this section:
 - Bridge information (no. of bridges, bridge clear width, length, no. of lanes, lane width, shoulder width, etc.)
 - Road information (roadway classifications, design speed, traffic data, etc.)
 - Vertical datum
 - Vertical and horizontal clearances
 - Other relevant information
- **Hydraulic Design Criteria** - All hydraulic design criteria (design year, design water elevations, scour depth and scour elevation, etc.) shall be included in this section and the information shall be provided by the Hydraulic Engineer.
- **Design Factors** - The ductility factor Γ_D , redundancy factor Γ_R , and operational importance factor Γ_I shall be listed in this section.
- **Design Loads** - All design loads (dead load, live load, wind load, thermal loads, vessel collision loads, seismic load, wave loads, etc.) used for the project shall be included in this section.
- **Limit States** - All applicable limit states for this project shall be listed in this section.
- **Bridge Barrier** - The design criteria, types, and test levels for bridge barriers shall be listed in this section. Standard plans and special details should be listed if they are utilized.
- **Guardrail** - The design criteria, types, and test levels for guardrails shall be listed in this section. Standard plans and special details should be listed if they are utilized.
- **Approach Slab** - Design criteria for approach slab shall be included in this section. Standard plans and special details should be listed if they are utilized.
- **Deck and Deck Drainage** - All design criteria for deck and deck drainage design shall be included in this section. Standard plans and special details should be listed if they are utilized.

QUALITY MANAGEMENT PLAN

CONTRACT NOS. 4400035363, 4400035364, 4400035365, 4400035366, and 4400035367

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- **Bearing** - All bearing types and design criteria for each bearing type shall be included in this section. Standard plans and special details should be listed if they are utilized.
- **Joint** - All joint types and design criteria for each type shall be included in this section. Standard plans and special details should be listed if they are utilized.
- **Superstructure** - All superstructure types and design criteria for each type shall be included in this section. Standard plans and special details should be listed if they are utilized.
- **Substructure** - All substructure types and design criteria for each type shall be included in this section. Standard plans and special details should be listed if they are utilized.
- **Piles and Drilled Shafts** - All pile types, sizes, and structural design criteria shall be included in this section. Standard plans and special details should be listed if they are utilized.
- **Geotechnical Design** - All geotechnical design criteria shall be included in this section and the information shall be provided by the Geotechnical Engineer. Standard plans and special details should be listed if they are utilized.
- **Mechanical Design** - All mechanical design criteria shall be included in this section if applicable. Standard plans and special details should be listed if they are utilized.
- **Electrical/Lighting Design** - All electrical design criteria shall be included in this section if applicable. Standard plans and special details should be listed if they are utilized.
- **As-Designed Bridge Rating Criteria** - All as-designed bridge rating criteria shall be included in this section.
- **Software** - All software used for design and check shall be included in this section.

F2: LADOTD Bridge Design (Final Calculation Book Checklist)

The final calculation book for each project shall include, but not limited to, the following sections:

— **Cover Sheet** - The following information must be included on the cover sheet:

- LADOTD project number
- Project name
- The title of "Final Calculation Book"
- The EOR's seal with signature and date

— **Final Calculation Book Check List**

— **QC/QA Certifications**

— **Peer Review Resolution Agreement (if peer review is performed)**

— **Design Criteria**

— **Final Hydraulic Analysis Report from Hydraulic Engineer**

— **Final Geotechnical Analysis Report from Geotechnical Engineer**

— **Superstructure Design Calculations**

— **Substructure Design Calculations**

— **Quantity Calculations**

— **Special Provisions/NS-Items**

— **Construction Cost Estimate**

— **As-Designed Rating Report**

— **List of All Final Electronic Design Files and File Locations
(ProjectWise directory name)**

Consultants shall submit the final calculation book to LADOTD bridge task managers; the submittal shall be on a CD or Flash Drive or placed to a designated ProjectWise folder including the following information:

— **A PDF File of the Calculation Book**

— **All Electronic Design Files**

— **A PDF File of the As-Designed Rating Report Only**

The final calculation book for in-house projects shall include the same files listed above for consultant projects. The final calculation book and other final design documents for all projects including in-house and consultant projects shall be uploaded to the archiving location designated in the record retention policy within 30 calendar days after the stamped final plans are delivered.

F3: LADOTD Bridge Design (QA Information Packet Checklist)

QA INFORMATION PACKAGE CHECKLIST (Bridge Design Section QC/QA Policy (October 2012) – Appendix C)		
PROJECT NO.:		
Project Description:		
PREPARER		
REVIEW LEVEL	☐ 95% Final	☐ 98% Final ☐ PS&E
QA PACKAGE CHECKLIST		
Are the CALCULATION BOOKS included?	☐ Yes ☐ No	
Are the PLANS included?	☐ Yes ☐ No	
Are the SPECIAL PROVISIONS included?	☐ Yes ☐ No	
Is the COST ESTIMATE included?	☐ Yes ☐ No	
Are there OTHER DOCUMENTS included?	☐ Yes ☐ No	
OTHER DOCUMENTS:		
PREPARER SIGNATURE _____		DATE:

F4: LADOTD Bridge Design (QC/QA Certification)

QC/QA CERTIFICATION						
(Bridge Design Section QC/QA Policy (October 2012) – Appendix D)						
Team Members	Name	LA PE No.	Responsibility			Signature
			Plan Sheet(s)	Special Provision(s)	Cost Estimate	
Designers						
Design Checkers						
Detailers						

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QC/QA CERTIFICATION						
(Bridge Design Section QC/QA Policy (October 2012) – Appendix D)						
Detail Checkers						
Reviewers						
Peer Reviewer						
Geotech Engineer						
Hydraulic Engineer						
EOR						

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F5: LADOTD Bridge Design (Peer Review Resolution Agreement)

Project No.:

Project Name:

We, the undersigned Peer Reviewer, Supervisor or Team Leader of the design team, and LADOTD Representative for this project, have reviewed and accepted the attached peer review resolutions. We certify that the peer review has been performed in accordance with the LADOTD Bridge Design Section policy on QC/QA.

Team Members	Name	Signature
Peer Reviewer		
Supervisor or Team Leader		
LADOTD Representative		

F6: LADOTD Bridge Design (Consultant Project Bridge Design Kick-Off Meeting Agenda Checklist)

A kick-off meeting with the Consultant's bridge design team shall be initiated by the LADOTD Bridge Design Task Manager once the project is awarded. The meeting agenda shall include, but not limited to, the following items:

- Introduce LADOTD Bridge Task Manager and the Consultant's Key Team Members (The Supervisor or Team Leader and Key Designers/Design Checkers/Reviewers)
- Discuss Consultant's Staffing Plan and Implementation of QC/QA Plan Document (The staffing plan should include names and responsibilities of the designers, detailers, checkers, reviewers, and the EOR.)
- Determine Schedules for Project Submittals (Design Criteria, TS & L, 30%, 60%, 90%, 100% of Preliminary Plans and Final Plans, Final Calculations, etc.)
- Share Expectations and Consultant Rating Criteria (Consultant rating will be performed for all project submittals shown on the project submittal schedule.)
- Discuss Design Criteria
- Discuss Budget, Supplemental Requests, Invoices, and Importance of Avoiding Claims (Staff shown on invoices will be reviewed in accordance with the staffing plan.)

Appendix G: Non-Conformance Report Form

NON-CONFORMANCE REPORT

NCR # _____

Activity #: _____

Activity: _____

Location: _____

NCR Prepared By: Name: _____ Date: _____

Company: _____

NCR Given to: Name: _____ Date: _____

Company: _____

Non-Conformance Description: _____

☐ No Impact or Assessed Impact: _____

☐ No Action or Action Required: _____

References/Attachments _____

Action(s) To Be Implemented By (Name & Date): _____

Action(s) Completed By
(name & signature): _____ Date: _____

Remarks: _____

Date copied: _____ Fax No. _____

Comments: _____

Guidelines for NCR use

1. NCRs record non-conforming work incorporated into the project and could include, but not be limited to, deviations from design requirements, unexpected soil conditions, material defects, dimensional defects or other deviations in the work.
2. NCRs do not replace routine inspections, diary entries, or materials delivery or testing reports, but can refer to them.
3. Ideally, the person whose actions or decisions create the need for a NCR will issue it, but in other cases the person who finds the non-conformance issues the NCR.
4. The person who issues the NCR ensures it is completed to the point where a copy can be sent within 24 hours to the Quality Assurance Manager.
5. It is implicit that if non-conforming work is not to be repaired or replaced (i.e., no assessed impact) the finished deliverable will meet project requirements.
6. The assessment of the situation will include a review of whether or not the non-conformance is likely to re-occur and if so, a description of the measures that will be implemented to prevent this.
7. The NCR event should be resolved at the lowest appropriate decision making level and escalated only if necessary. The NCR process is not meant to replace quick decision-making in the field or replace communications between the parties involved.
8. The status of unresolved NCRs shall be reviewed in any regular progress meetings and in the Quality Audit summaries done by the Project Quality Assurance Manager.

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
G.E.C., Inc.	8282 Goodwood Blvd. Baton Rouge, LA 70806	Cary Bourgeois, PE cbourgeois@gecinc.com	(225) 612-4121
Surveying and Mapping, LLC	3867 Plaza Tower Drive, 1stFloor, Baton Rouge, LA 70816	Matthew Estopinal, PE Matt.Estopinal@SJBGroup.com	(225) 769-3400
Civil Design & Construction, Inc.	PO Box 857 Port Allen, LA 70767	Karla E. Weston, PE Kweston@cdcbr.com	(225) 765-1803
GeoEngineers, Inc.	11923 Sun Belt Court Baton Rouge, LA 70809	Larry D. Sant, PE lsant@geoengineers.com	(225) 663-1522
Franklin Associates, LLC	250 S Foster Drive Baton Rouge, LA 70806	Perry J. Franklin perry@franklinassociates.com	(225) 768-9060
Reich Landscape Architecture, L.L.C.	301 TJ Jemison Blvd. Baton Rouge, LA 70802	William Reich bill@reichla.com	(225) 336-5890
LATSC, LLC	12225 North Oak Hills Pkwy, Baton Rouge, LA 70810	David Scott Courtright brtreeguru@gmail.com	(225) 337-0474
Krebs Corporation.	P.O. Box 980910 Park City, UT 84098	Rick Krebs rkrebs@krebscorp.com	(801) 635-7101

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.**



WE DESIGN WITH COMMUNITY IN MIND