IDIQ Contract for Bridge Maintenance and Repair

CONTRACT NO. 4400035210
May 21, 2026
Prepared for: Louisiana Department of Transportation and Development
Prepared by:

Stantec



Stantec Consulting Services Inc

Stantec

May 21, 2026

IDIQ CONTRACT FOR BRIDGE MAINTENANCE PRESERVATION AND REPAIR STATEWIDE

Contract No. 4400035210

Submitted to:
Louisiana Department of Transportation and Development
1201 Capitol Access Road
Baton Rouge, LA 70802

Submission from Stantec—A Partner for Louisiana's Infrastructure Success
Stantec Consulting Services Inc. 1200 Brickyard Lane
Suite 400
Baton Rouge, LA 70802
T: 225.765.7400

COVER LETTER

The Stantec Team is pleased to submit this proposal in response to the Louisiana Department of Transportation and Development (LADOTD) advertisement for IDIQ Contract for Bridge Maintenance Preservation and Repair, Statewide (Contract No. 4400035210). Stantec brings a strong foundation of local leadership and expertise, paired with a team of industry-leading engineers experienced in a wide variety of bridge types and services including inspection, design, preservation, and repair. Our deep-rooted relationships and thorough understanding of what the LADOTD Bridge Maintenance and Inspection Section expects from its consultant partners set us apart.

Stantec's knowledgeable staff is well-positioned to support LADOTD's bridge maintenance staff through this IDIQ Contract. With nearly three decades of collaborative experience on some of Louisiana's most complex structural projects, Stantec is eager to build upon our longstanding working relationship. We have performed a diligent review of the advertisement and clearly understand the scope of services, operational guidelines, and delivery standards required by LADOTD. Our team is fully equipped to deliver high-quality, technically superior services while strictly adhering to LADOTD's budget, safety, and scheduling benchmarks.

To provide LADOTD with a comprehensive approach, we have assembled a project team that combines our firm's core strengths with specialized sub-consultants. Our team for this contract includes:

- **Stantec Consulting Services Inc.** (Prime Consultant) - Project Management, Bridge Inspection and Design, Roadway Design, Traffic Engineering, and Environmental Services
- **Civil Design & Construction, Inc.** - Survey Services and Subsurface Utility Engineering
- **GeoEngineers, Inc.** - Subsurface Investigation and Geotechnical Services

Our key personnel meet or exceed all Minimum Personnel Requirements (MPRs) specified in the advertisement.

As both Contract and Project Manager, I will serve as the point of contact for this IDIQ Contract. Over my 20+ years with Stantec, I have worked with project and task managers throughout LADOTD and personally managed or worked on several LADOTD retainer/IDIQ contracts. This experience, along with trusted relationships with LADOTD staff, fosters open communication, allowing us to address issues proactively and prevent escalation.

Furthermore, we certify that our team presently maintains a highly competent, locally available staff with the capacity to complete all assigned task orders within the designated timeframes. In strict compliance with Louisiana procurement guidelines and state law, Stantec certifies that all information contained within our submittal is accurate and true.

We are highly appreciative of your time, review, and consideration of our team's credentials. We welcome the opportunity to continue our partnership with LADOTD, delivering dependable infrastructure assets that advance the safety and mobility of Louisiana's citizens.

Should you have any questions regarding our qualifications, team structure, or the attached DOTD Form 24-102 submittal, please feel free to contact me.

Sincerely,



Brian Johnson, PE, Project Manager
brian.johnson2@stantec.com | Office (225) 215-5130 | Mobile (225) 936-5534

DOTD FORM: 24-102

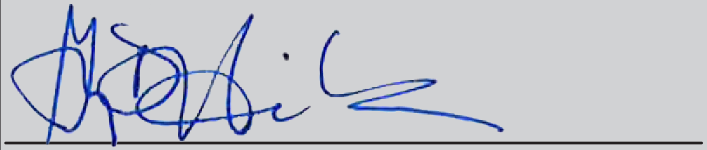
(Revised August 11, 2025)

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 CONTRACT FOR BRIDGE MAINTENANCE PRESERVATION AND REPAIR SERVICES STATEWIDE**
2.	Contract number(s) as shown in the advertisement	No. 4400035210
3.	State Project Number(s), if shown in the advertisement	N/A
4.	Prime consultant name ((name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20)	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	**Joseph 'Brian' Johnson, PE, Project Manager** (225) 215-5130 | brian.johnson2@stantec.com
9.	Name title, phone number, and email address of the official with signing authority for this proposal	**Gary Heitman, PE, Senior Principal, Operations Leader** (225) 215-5105 | gary.heitman@stantec.com

10.	This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response. 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: May 21, 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.	**Firms(s)** **Firm(s)' %:** **N/A**

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)	Civil Design & Construction, Inc.	GeoEngineers, Inc.	Each Discipline must total to 100%
Bridge	65%	100%			100%
Road	10%	100%			100%
Traffic	2%	100%			100%
Survey	10%		100%		100%
Geotech	10%			100%	100%
Environmental	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%	80%	10%	10%	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 committed to this contract *	Total number of personnel available in this DOTD Job Classification (if needed)
Stantec Consulting Services Inc.	Principal	1	2
Stantec Consulting Services Inc.	Supervisor - Eng	1	4
Stantec Consulting Services Inc.	Supervisor - Other	1	4
Stantec Consulting Services Inc.	Engineer	3	8
Stantec Consulting Services Inc.	Engineer Intern	4	10
Stantec Consulting Services Inc.	Senior Technician	2	4
Stantec Consulting Services Inc.	CADD Technician	2	6
Stantec Consulting Services Inc.	Environmental Manager	1	3
Stantec Consulting Services Inc.	Accountant	0	2
Stantec Consulting Services Inc.	Clerical	1	4
Stantec Consulting Services Inc.	Archaeologist	0	2
Stantec Consulting Services Inc.	Environmental Professional	0	2
Stantec Consulting Services Inc.	Biologist	0	2
Stantec Consulting Services Inc.	Historian	0	2
Civil Design & Construction, Inc.	Surveyor	1	2
Civil Design & Construction, Inc.	Party Chief	1	5
Civil Design & Construction, Inc.	Instrument Man	2	3
Civil Design & Construction, Inc.	Rodman	2	2
Civil Design & Construction, Inc.	CADD Operator	1	1
Civil Design & Construction, Inc.	Senior Technician	2	6
Civil Design & Construction, Inc.	Supervisor – Other	0	1

GeoEngineers, Inc.	Administrative	0	4
GeoEngineers, Inc.	CADD Technician	1	1
GeoEngineers, Inc.	Driller	2	3
GeoEngineers, Inc.	Engineer	2	9
GeoEngineers, Inc.	Engineer- Other	0	7
GeoEngineers, Inc.	Engineer Intern	1	3
GeoEngineers, Inc.	Principal	1	6
GeoEngineers, Inc.	Senior Technician	1	1
GeoEngineers, Inc.	Technician	1	11

*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.

14. **Organizational Chart:**



PRINCIPAL-IN-CHARGE / PROJECT MANAGER
- Joseph "Brian" Johnson, PE #1, 2, 3, 4 ❶❷

QA/QC
- Joseph "Joe" Cains III, PE * ᵀ #4 *(Maintenance of Traffic)*
- John Krebs, PE ᵀ #3, 4 ❶ *(Bridge)*

DEPUTY PROJECT MANAGERS
- Carl Gaudry, PE #3 ❶
- Heather Deare, PE ❶

BRIDGE
- Carl Gaudry, PE #3 ❶
- Heather Deare, PE ❶❷
- Kunal Malpani, PE #3 ❶
- Bagyalakshmi Shanmugam, PhD, EI ᵀ ❶

ROADWAY
- Mary Frances O'Rourke, PE ᵀ *(Utilities)*
- Hannah Krebs, PE ᵀ *(Maintenance of Traffic)*

SUPPORT SERVICES

Environmental / Public Outreach
- Scott Hoffeld, CEP *

Traffic Engineering
- Joseph "Joey" Lefante, PE, PTOE * ᵀ

Hydraulics
- Michael Whitney "Whit" Hawkins, PE

Surveying
- Karla Weston, PE
- Chris Ballard, PLS ᵀ
- Madison Mills, PLS ᵀ
- Clarence Goodspeed
- Scott Benton

Subsurface Investigations
- Larry Sant, PE
- James "Jim" Aronstein, Jr., PE
- Anthony (Chien-An) Ju, PE ᵀ
- Nicholas Hall ᵀ

Legend

- Stantec Consulting Services Inc.
- Civil Design & Construction, Inc.
- GeoEngineers, Inc.

\# Denotes MPR No.
ᵀ ATSSA Traffic Control Training
* Traffic Engineering Process and Report Training

❶ Meets NBIS Team Leader Criteria
❷ Has taken NHI 130078 Fracture Critical Inspection Techniques for Steel Bridges

15. **Minimum Personnel Requirements:**

MPR No.	Personnel Being Used to Meet the MPR *(Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the Advertisement)*	Firm Employed By	Type of License and Discipline Meeting MPR/ Certification & Number *(Ex: PE # - Civil)*	State of License	License/Certification Expiration Date
1.	Joseph “Brian” Johnson, PE	Stantec Consulting Services Inc.	PE #31273 - Civil	LA	9/30/2026
2.	Joseph “Brian” Johnson, PE	Stantec Consulting Services Inc.	PE #31273 - Civil	LA	9/30/2026
3.	Joseph “Brian” Johnson, PE John Krebs, PE Carl Gaudry, PE Kunal Malpani, PE	Stantec Consulting Services Inc.	PE #31273 - Civil PE #37259 - Civil PE #37365 - Civil PE #43016 - Civil	LA LA LA LA	9/30/2026 9/30/2026 3/31/2027 3/31/2027
4.	Joseph “Brian” Johnson, PE John Krebs, PE Joseph "Joe" Cains III, PE	Stantec Consulting Services Inc.	PE #31273 - Civil PE #37259 - Civil PE #33670 - Civil	LA LA LA	9/30/2026 9/30/2026 3/31/2028

16. **Staff Experience:**

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; NBIS Certified Team Leader**	

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 horizontally curved steel plate girders, prestressed concrete girders, steel truss vertical lift bridges, long span steel trusses, concrete box culverts, and retaining walls. He has overseen several NSBI bridge inspection projects and been involved in hydraulic studies for bridge replacement projects in both Mississippi and Louisiana. **Brian will serve as PRINCIPAL-IN-CHARGE and PROJECT MANAGER for this contract. Brian meets the following Minimum Personnel Requirements (MPRs) as specified in the advertisement for this project: 1, 2, 3, 4**
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc.
10/22 - 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. Three task orders are active (Box Culvert Initiative to replace 13 existing bridges, Box Culvert Initiative to replace 10 existing bridges, and Yellow Water River bridge replacement). 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.
09/12 – 09/17	**RETAINER CONTRACT FOR BRIDGE PRESERVATION | Contract No. 4400002536 | LADOTD | Statewide, LA** **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.
08/19 - 04/24	**I-10 LOYOLA DESIGN-BUILD | LADOTD Project No. H.011670 | New Orleans, LA** **Lead Structural Engineer.** Brian led 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. Oversaw construction support which included shop drawing reviews, addressing RFIs, and providing construction engineering services.
01/23 – 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.
07/15 - 12/20	**I-10 CLEAN, PAINT AND MISCELLANEOUS REPAIRS | LADOTD PROJECT NO. H.009461 | St. Martin and Iberville Parishes, LA** **Project Manager** for this bridge rehabilitation / repair project that included inspection, design, plan development, and construction support services on 19 structures along the I-10 corridor over the Atchafalaya Floodway. He coordinated introducing a bucket boat to perform inspections along long stretches of structure over low flow waterways to minimize traffic interruptions. Column, bearing, girder, deck, rail, and miscellaneous repair details were developed for the prestressed concrete and steel girder span bridges. These repairs were included in a catalog that was referenced throughout the layout plans**.**

03/24 - 06/25	**SR 28 OVER PEARL RIVER REPAIRS | MISSISSIPPI DOT | Copiah and Simpson Counties, MS** **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.
01/26 – Ongoing	**BRIDGE INSPECTION AND RELATED SERVICES IDIQ MASTER CONTRACT 2025 | 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 one was executed in January 2026 and will terminate in early 2027. Brian has managed this contract since first award in 2010.
11/22 - 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.
07/18 - 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.
04/24 - 03/25	**CANAL STREET BRIDGE REPAIRS | City of Natchez | Natchez, MS** **Project Manager.** Brian served as Project Manager for this bridge repair project that involved reinforcing steel girder web ends due to excessive corrosion that was compromising shear load capacity on this three-span structure. He was responsible for issuing closure of the bridge after a routine bridge inspection and load rating analysis under a separate contract. Repairs also included joint replacement to minimize water intrusion at the span ends. Brian coordinated with the City of Natchez over the duration of the contract and performed sites visits prior, during, and after construction.
12/15 - 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.
04/17 - 08/17	**SR 605 OVER THE INDUSTRIAL WATERWAY IN-DEPTH BRIDGE INSPECTION | Mississippi DOT | Gulfport, MS** **Project Manager.** Brian served as the project manager for the in-depth inspection of the 1390-ft long bridge that consists of a double leaf steel girder bascule span (211-ft) and prestressed concrete girder approach spans. Inspection types included routine NBI, element level, in-depth and fracture critical which include full electrical, mechanical, and structural inspection of all components of the bascule span. Brian's responsibilities included overseeing the project, scheduling and coordination of the field inspections, performing quality review checks of the draft and final inspection reports, and reviewing monthly invoices. Three different Stantec offices and one sub-consultant were involved in the inspections and report development. Due to the heavy traffic in these areas, inspections were limited to four business days which condensed field activities to a maximum of one week.
09/08 - 08/10	**JUDGE SEEBER BRIDGE REHABILITATION | LADOTD Project No. 046-31-0053 | New Orleans, LA** **Project Manager.** This multi-discipline project consisted of mechanical, electrical, architectural, and structural rehabilitation of an existing vertical lift steel truss bridge. To obtain the necessary funds for construction, this project required a 'fast-track' timeframe which was approximately four months to complete final plans. Brian managed design and plan development efforts, coordinated between subconsultants, developed special provisions, and oversaw construction support services which included reviewing shop drawings, addressing contractor RFIs, and performing construction engineering.

FIRM EMPLOYED BY	**Stantec Consulting Services Inc.**		
NAME	**Carl Gaudry, PE**	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	**1**
TITLE	**Senior Bridge Engineer**	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	**17**
DEGREE(S) / YEARS / SPECIALIZATION	**MS | 2011 | Civil Engineering // BS | 2007 | Civil Engineering**		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE	**PE No. 37365 | LA | 3/31/2027**		
YEAR REGISTERED: **2012**	DISCIPLINE: **Civil Engineering**		

Contract role(s) / brief description of responsibilities	Carl has over 17 years of experience working for LADOTD Bridge Design section. As a former employee of DOTD Bridge Design, the first 14.5 years had Carl serving as the Bridge Design Task Manager on many DOTD projects, both in-house design or consultant designed. The last 3 years of Carl's career at LaDOTD had him take on the role as DOTD's Road and Bridge Safety Hardware manager, serving as the department's expert on guardrail and end terminals, bridge rails, roadway barriers and breakaway structures. This role's responsibilities included oversight roadside and bridge safety (Standard Plans, specifications, policies and design waivers on projects) across the state of Louisiana, reviewing all overhead sign structure projects, and managing various urgent structural repair projects. **Carl will serve as DEPUTY PROJECT MANAGER and will provide BRIDGE services for this contract**. **Carl 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).
10/22 - 12/25	**US 190: US 61 OVERPASS INT. REPAIRS | LADOTD | East Baton Rouge Parish, LA** **LADOTD Project Manager** from the start of the project to the end of the construction contract. Project called for the strengthening of the existing concrete girders (circa 1930s) with Fiber Reinforced Polymer (CFRP). He managed the project for the department, oversaw plan development by the design consultant, and processed proposed updates to the NS-item specifications (special provisions to the contract). While most submittals related to the FRP system went to the design consultant, he provided reviews of the Structural Concrete Patching material for compliance with the LSSRB 2016 specs and the NS-item specs.
07/20 - 12/25	**I-12: US 61 BRIDGES GIRDER REPAIRS | LADOTD H.014591 | East Baton Rouge Parish, LA** **LADOTD Project Manager** from the start of the project until he left DOTD. Project started after the bridge was struck by an over-height load. The first task on this project was to have the design consultant perform a preliminary engineering assessment to determine the scope of repairs to both the recently impacted location and the remaining spans which have been impacted over the years. Once the scope of the project was restricted to heat straighten the most recent impact and the design phase started, another 2 spans were struck in 2024 around the time the project reached 95% Final Plans. The scope of the project was expanded to fix the remaining spans, for a total of four spans over traffic. Carl left the department before the design work for the additional spans could begin.
03/16 - Ongoing	**US HWY 190 (US 61X) CORRIDOR ENHANCEMENT SEGMENT 2 (FLORIDA BLVD) | City of Baton Rouge | Baton Rouge, LA** **Structural Designer.** Designed three (3) under-pavement catch basins with curb-opening inlets. Designs combined the drainage structure concepts from DOTD's standard plans CB-06 (curb opening catch basin), CB-08 (double combination curb opening catch basin), and CB-09 (Trunkline under pavement catch basin).
01/08 - 02/15	**LA 514 GRAND BAYOU BRIDGE | LADOTD H.001756 (100-01-0021) | Red River Parish, LA** **LADOTD Bridge Design Task Manager** responsible for the delivery of the Bridge Plans. Project was an in-house design project utilizing some of the slab span standard plans: design of curved, superelevated slab span bridge using the AASHTO LRFD 4th edition with 2009 interims; design/detail of bridge general plan per LADOTD Bridge Design Manual and AASHTO Green Book; and design of Guardrail in accordance with AASHTO RSDG 3rd edition and LADOTD GR-200 Standard Plan. At the end of plan development, Carl was responsible for bridge quantities and construction cost estimates. During construction, he performed construction related engineering services tied to the implementation of the plans and specifications, such as requests for information for clarification of the contract documents.
01/12 - 01/23	**LA 392 BRIDGES NEAR HORNBECK | LADOTD H.001881 | Vernon Parish, LA** **LADOTD Bridge Design Task Manager/Project Manager.** Initially the Project Manager, but due to restructuring of DOTD Bridge Design which created a Project Management unit (2020), I became the Bridge Design Task Manager for the project. As the PM, I developed the Stage 0 study, oversaw the development of the preliminary plans, and participated in the design checking of the Bridge preliminary plans. Around 98% Final Plans, project management duties were transferred to the Bridge Design Project Management unit.

01/08 - 09/12	**US 80 BLACK LAKE BRIDGE	LADOTD H.000127 (001-06-0048)	Bienville Parish, LA** **LADOTD Bridge Design Task Manager.** Task Manager responsible for the delivery of the Bridge Plans. This project was an in-house design project utilizing some of the slab span standard plans: design of skewed bent cap with 24" diameter piles using AASHTO LRFD 4th Edition with 2009 interims; design/detail of bridge general plan per LaDOTD Bridge Design Manual and AASHTO Green Book; and design of Guardrail in accordance with AASHTO RSDG 3rd edition and LADOTD GR-200 Standard Plan. At the end of plan development, Carl was responsible for the bridge quantities and construction cost estimates. During construction, performed construction related engineering services tied to the implementation of the plans and specifications, such as requests for information for clarification of the contract documents.
01/13- 01/15	**LA 1077: BLACK BAYOU BR NEAR MADISONVILLE	LADOTD H.008358	St. Tammany Parish, LA** **LADOTD Bridge Design Task Manager/Project Manager.** Initially the Project Manager, but due to restructuring of DOTD Bridge Design which created a Project Management unit (2020), I became the Bridge Design Task Manager for the project. As the PM, I developed the Stage 0 study, oversaw the development of the preliminary plans, and participated in the design checking of the Bridge preliminary plans. Task Manager responsible for the delivery of the Bridge Plans. This project was an in-house design project, requiring full design of bridge plans using AASHTO LRFD 4th edition with 2009 interims: design elements included slab spans, Pile Bent Caps, and span anchor plates per AASHTO LRFD; design/detail of bridge general plan per LaDOTD Bridge Design and Evaluation Manual and AASHTO Green Book; and design of Guardrail in accordance with AASHTO RSDG 4th edition and GR-MASH-ON Standard Plans. At the end of plan development, I was responsible for the bridge quantities and construction cost estimates. As Task Manager during the construction phase, I provided construction related engineering services, such as RFI responses and review of elastomeric bearing pads, span anchor plates, and detour bridge shop drawings in accordance with the Louisiana Standard Specifications for Roads and Bridges 2006 and the construction plans.
01/08 - 07/13	**LA 835 BRIDGES	LADOTD H.001756 H.005529 (834-07-0017)	LA** **LADOTD Bridge Design Task Manager.** Task Manager responsible for the delivery of the Bridge Plans. This project was an in-house design project utilizing the slab span standard plans requiring the design/detail of bridge general plan per LADOTD Bridge Design Manual and AASHTO Green Book; and design of Guardrail in accordance with AASHTO RSDG 3rd edition and LaDOTD GR-200 Standard Plan. At the end of plan development, Carl was responsible for the bridge quantities and construction cost estimates. During construction, performed construction related engineering services tied to the implementation of the plans and specifications, such as requests for information for clarification of the contract documents. He served as DOTD Project Manager under the department's mainframe database tracking of projects (TOPS) system, until the department upgraded their system to the SAP Project Systems in 2011. Under Project Systems, a Licensed professional engineer (PE) was required to be a project manager, which I did not receive until August 2012.
01/08 - 03/12	**LA 3051 DRAINAGE CANAL BRIDGES	LADOTD H.005530 (834-17-0006)	Morehouse Parish, LA** **LADOTD Bridge Design Task Manager.** Task Manager responsible for the delivery of the Bridge Plans. This project was an in-house design project, requiring full design of bridge plans using AASHTO LRFD 4th edition with 2009 interims: design elements included Quad Beam girders, Pile Bent Caps, and Continuous Deck Spans per AASHTO LRFD; design/detail of bridge general plan per LADOTD Bridge Design Manual and AASHTO Green Book and design of Guardrail in accordance with AASHTO RSDG 3rd edition and GR-200. At the end of plan development, Carl was responsible for the bridge quantities and construction cost estimates. Project Manager at DOTD under the department's mainframe database tracking of projects (TOPS) system, until the department upgraded their system to the SAP Project Systems in 2011. Under Project Systems, a Licensed professional engineer (PE) was required to be a project manager. During construction, performed construction related engineering services tied to the implementation of the plans and specifications, including fabrication shop drawing review (girders and end dams) and requests for information for clarification of the contract documents.
01/13 - 05/21	**LA 175 KCS RAILWAY OVERPASS	LADOTD H.001073	DeSoto Parish, LA** **LADOTD Bridge Design Task Manager - Construction Phase.** During the design phase, Carl provided the design check for the end and intermediate bent caps. He took over role of Task Manager for this project after the design engineer left LADOTD, during construction. Provided construction related engineering services, such as RFI responses; review of Steel Panel detour bridge and precast cap shop drawings in accordance with the Louisiana Standard Specifications for Roads and Bridges 2006 and the construction plans; and processing a change order for the vertical alignment affecting the bridge general plan.
01/14 - 01/25	**LA 410 - BLACKWATER BAYOU BRIDGE	LADOTD H.007963	East Baton Rouge Parish, LA** **LADOTD Bridge Design Task Manager, Project Manager.** Initially the Project Manager, but due to restructuring of DOTD Bridge Design which created a Project Management unit (2020), I became the Bridge Design Task Manager for the project. As the PM, I developed the Stage 0 study, oversaw the development of the preliminary plans, and participated in the design checking of the Bridge preliminary plans. Task Manager responsible for the delivery of the Bridge Plans. This project was an in-house design project, requiring partial design of bridge plans using AASHTO LRFD 7th edition to design the bridge approach slab on one end of the bridge and span anchor plates per AASHTO LRFD; design/detail of bridge general plan per LaDOTD Bridge Design and Evaluation Manual and AASHTO Green Book 6th edition; and design of Guardrail in accordance with AASHTO RSDG 4th edition and GR-MASH-ON Standard Plans. At the end of plan development, I was responsible for the bridge quantities and construction cost estimates.

FIRM EMPLOYED BY	**Stantec Consulting Services Inc.**			
NAME	**Heather Deare, PE**	YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER	**5**	
TITLE	**Bridge Inspection Engineer**	YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)	**13**	
DEGREE(S) / YEARS / SPECIALIZATION	**BS | 2007 | Civil Engineering**			
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE	**PE No. 36800 | LA | 3/31/2028**			
YEAR REGISTERED	**2011**	DISCIPLINE	**Civil Engineering**	

Contract role(s) / brief description of responsibilities	Heather has 18 years of engineering experience related to bridge design, bridge maintenance/repair, and NBIS bridge inspection. She has been involved in the design of a variety of structure types such as prestressed concrete girders, precast slab spans, concrete columns, pile-supported footings, drilled shafts, and retaining walls both MSE and concrete. Through her years of bridge design she gained a true understanding of bridge mechanics and behavior and began applying that to a path in bridge maintenance. During her time at the LADOTD she was responsible for the design and delivery of a variety of bridge maintenance projects across Louisiana ranging from pilot installations of innovative preservation products to emergency repairs resulting from collision accidents. She learned valuable skills regarding realistic and practical preventative maintenance and repair solutions while balancing the needs of an agency with limited resources. **Heather will serve as DEPUTY PROJECT MANAGER and will provide BRIDGE 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).
01/20 - 03/20	**INDIAN VILLAGE BRIDGE DECK SEALING PILOT PROJECT | LADOTD | Plaquemine Parish, LA** **Project Manager.** LADOTD's Bridge Maintenance section was exposed to a deck sealing product via a Bridge Preservation community that operates nationwide and decided to pursue a small, pilot installation to test it's effects. Heather worked closely with the manufacturer to select a good candidate and proceed with the project. She was responsible for lining up District crews to, first, properly clean the deck surface, and then to be on-site to apply the product under the supervision of the manufacturer's representatives. Coordination was required to ensure all parties involved were available and present on the day of install. The work was completed successfully and follow-up checks revealed that the presence of efflorescence did stop progressing once the sealant was applied.
10/21 - 08/23	**LA 3011: SALE BAYOU PILE PROTECTION | LADOTD H.015074 | Dulac, LA** **Project Manager.** The steel piles on the Sale Bayou Bridge were rapidly deteriorating due to the brackish nature of the water. This bridge is one of the only structures that crosses Sale Bayou in this coastal area. LADOTD Bridge Maintenance learned of a pile jacket product that was impregnated with a corrosion inhibiting gel that was supposed to extend the life of the piles drastically. Heather was responsible for all steps of project delivery from conception to completion including securing funding, getting environmental clearance, working with the Specialty Products Committee to get approval to use a non-AML product, generating construction details outlining installation limits, letting, and construction support.
01/21 - 02/23	**LA 1: BAYOU PLAQUEMINE BRIDGE STRENGTHENING | LADOTD H.014608 | Iberville Parish, LA** **Project Manager.** LA 1 is a major highway used by many commercial industries for transporting large/heavy equipment. This corridor should not be load posted unless absolutely necessary for public safety. A load rating at the time determined that the bridge over Plaquemine Bayou needed to be load posted until repairs could be made. Heather was the project manager and coordinated with the consultant to, first, perform a load test and, second, to design the necessary repairs as the load test still indicated that a load posting would be required. This project was accelerated due to the economic importance of keeping this corridor open. Due to the alignment of the roadway in this section of the highway extensive traffic control was required which involved moving southbound traffic over to the northbound lanes far in advance of the bridge location and, ultimately on to the northbound adjacent bridge. The repairs were completed quickly and the bridge load posting was removed.
02/26 - Ongoing	**BRIDGE INSPECTION AND RELATED SERVICES IDIQ MASTER CONTRACT 2025 | MISSISSIPPI OFFICE OF STATE AID ROAD CONSTRUCTION | STATEWIDE, MS** **Bridge Inspection Engineer.** Heather 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. Her responsibilities also include 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.

10/22 - 03/23	**I-10 BONNE CARRE SPILLWAY BRIDGE JOINT REPAIRS | LADOTD H.015437 | Caddo Parish, LA** **Project Manager.** There were four joint locations on this 11-mile bridge that needed to be replaced quickly before they posed a danger to the traveling public. The joint headers had been deteriorating over time but had reached a state that required timely attention. Heather designed and detailed the repair which consisted of breaking out the existing headers, placing new reinforcing bars ensuring that sufficient development length had been achieved, and pouring a quick-cure, high-strength grout to form up the new headers. This work had to be completed overnight using alternating lane closures in order to keep the interstate from being completely shut down, so it was imperative to take all steps to ensure an overnight installation was possible.
01/21 - 04/21	**I-20 AT BEAR CREEK FIRE REPAIR | LADOTD H.014613 | Bienville Parish, LA** **Project Manager.** In January 2021 a fuel tanker truck caught on fire and damaged sections of the slab span bridge that carried I-20 over Bear Creek. This accident occurring on an interstate accelerated the repair project substantially. Heather, as the project manager, moved forward with getting the emergency declaration that allowed LADOTD to bypass the traditional bid process. Heather was responsible for the design and detail of the structural repairs needed to the piles which involved chipping down to sound concrete and then encasing the piles in a quick-cure, high-strength grout. There were options for above and below water work to ensure the repaired piles were protected in the splash zone.
02/20 - 03/23	**SWING BRIDGE CYLINDER ANCHORAGE REPAIRS | LADOTD | Statewide, LA** **Structural Engineer.** Heather worked on several small swing bridge repair projects across South Louisiana while working at the LADOTD in Section 51. It was not uncommon for the pivot pier anchorage points to fail due to age, fatigue, or an outside impact force. Over time this can become a much larger maintenance issue, so it's important to address these situations in a timely manner. Heather designed and detailed a repair method that involved complete breakout of the existing anchors and replaces them with slightly more robust steel angles and channel beam sections. All pier reinforcing continuity was re-established before new concrete was poured back in place.
01/20 - 05/23	**BRIDGE MAINTENANCE PRECAST SLAB SPAN STANDARDS | LADOTD | Statewide, LA** **Project Manager.** LADOTD's Bridge Maintenance section has two in-house construction crews that can handle a variety of complex construction projects including slab span spot replacements and at the time they were following an older standard plan that no longer met the MASH criteria that the Department had moved towards. Heather took on the role of designing a new set of Bridge Maintenance precast slab span standards which included the precast panels themselves as well as the precast bent caps. She worked closely with one of the prominent precast fabricators in the area to develop a precast panel that would be easily constructable while meeting the MASH criteria. Achieving the appropriate barrier rail crash requirements involved casting the single-slope barrier rail directly onto the exterior panel to create a structurally adequate slab span when coupled with high-strength concrete closure pours. These standards have been used by the bridge maintenance construction crews since 2021 without issue.
02/20 - 03/23	**LOAD TESTING OF BRIDGES | LADOTD | Statewide, LA** **Project Manager.** Occasionally, the results of a load rating may appear to conflict with the physical condition of the bridge due to conservative calculation assumptions. In those cases where it is desired that the load rating results be verified, load tests would be utilized to accurately measure the bridge's response to known loading. Detailed models can then be created and analyzed to determine the true load carrying capacity. Heather managed several of these load tests across Louisiana as situations arose. These tests involved lining up instrumentation installation prior to the work, traffic control, nearby material stockpiles to accurately load the test trucks, mobile weight scales, and consultant availability.
03/23 - 01/26	**QUALITY ASSURANCE OF THE LADOTD BRIDGE INSPECTION PROGRAM | LADOTD | Statewide, LA** **Project Manager.** As an Engineer 6 in Bridge Maintenance, Heather was responsible for the management of four QA bridge inspectors whose job it was to constantly monitor the quality of the collection and delivery of bridge inspection data statewide. The QA inspectors traveled often to their assigned Districts to help train local bridge inspectors and answer any questions from the team regarding the new SNBI policies and procedures. They were also tasked with performing QA field inspections to update or verify previously collected inspection data. Heather would assign these QA field inspections based on prevalent errors observed, outdated collection policies that were still being used, or simply to conduct a synthesis across the state to monitor for consistency.
03/23 - 01/26	**UNDERWATER BRIDGE INSPECTION CONTRACT MANAGER | LADOTD | Statewide, LA** **Project Manager.** Heather managed two $6M Statewide Underwater Bridge Inspection IDIQ contracts that kept Louisiana compliant with the requirements of the NBIS. Consultants were required to inspect all assigned bridges on time or early based on the previous inspection date. The inspection reports themselves were required to be submitted to Heather within 60 days of the completion of the field work. She was responsible for reviewing and approving these reports within the 90 day window set forth in the NBIS. There was close communication with the consultants should any issues arise such as site hazards, bridge closures, or critical findings. In the event that an emergency inspection need to be performed, she would communicate with both consultants to determine which was available to complete the work in a timely manner. Throughout this process she was also handling several contract management tasks such as reviewing/approving invoices and completing past performance evaluations.

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 | 03/31/2026**			
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 provide MAINTENANCE OF TRAFFIC QA/QC services for this contract. Joe 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).
07/15 - 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.
04/15 - 06/18	**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.
11/10 - 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.
04/11 - 06/15	**I-210: COVE LANE INTERCHANGE AND IMPROVEMENTS PROJECT | LADOTD | Lake Charles, LA** **Assistant Project Manager and Lead Roadway Engineer.** This project proposed to reconstruct I-210 to overpass the extension of Cove Lane and widen it between the foot of the I-210 bridge over the Calcasieu River ship channel to the Nelson Road Interchange. 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, led the roadway design plan development efforts, 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 implementing environmental commitments into the design. Joe also performed internal QC on deliverables prior to external submittals. 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.

FIRM EMPLOYED BY	**Stantec Consulting Services Inc.**			
NAME	**John Krebs, PE**		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	**12**
TITLE	**Senior Bridge Engineer**		YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	**4**
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 Engineering**	



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 QA/QC for this contract. John meets the following Minimum Personnel Requirements (MPRs) as specified in the advertisement: 3, 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).
10/23 - Ongoing	**I-49 LAFAYETTE CONNECTOR | LADOTD Project No. H.004273 | Lafayette, LA** **Bridge Engineer.** John is responsible for developing bridge design plans for the new Kaliste-Saloom interchange configuration. Bridge structures include for ramps tying into a two-span, "table-top" structure that will move traffic to and from northbound and southbound I-49. Structure types consist of prestressed LG and horizontally curved structural steel plate girders. Existing and proposed constraints (railroad crossing, existing and proposed I-49, temporary roadways) required unique substructure placement and a variety of foundation types (pile footings, pile bents, drilled shafts). In addition, John oversaw plan development for new structures crossing Vermillion River that are to be included in the final structure report.
11/22 - 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. 210.9 consists of three 100-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 210.9 and is also in a horizontal curve. As the senior project engineer, John is the technical lead, QC/QA for the design and plan development, and assists with construction support.
10/17 - 01/19	**AASHTOWARE BRR BRIDGE LOAD RATING | MDOT | Statewide, MS** **Project Engineer** for the load rating of 120 bridges using AASHTOWare BrR. Structure types included steel plate girders, prestressed concrete girders, concrete T-beams, concrete slab spans, and integral reinforced concrete multi-cell box girders. Ratings were performed in accordance with the current MDOT and AASHTO standards. John was responsible for day-to-day support of the load rating engineers and performing QC/QA on finished load ratings.
04/11 - 03/15	**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.
12/15 - 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.

FIRM EMPLOYED BY	**Stantec Consulting Services Inc.**			
NAME	**Kunal Malpani, PE**		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	**12**
TITLE	**Structural Engineer**		YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	**0**
DEGREE(S) / YEARS / SPECIALIZATION	**MS | 2012 | Civil Engineering; BS | 2010 | Civil Engineering**			
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE	**PE No. 43016 | LA | 3/31/2027**			
YEAR REGISTERED	**2018**	DISCIPLINE	**Civil Engineering; NBIS Certified Team Leader**	
Contract role(s) / brief description of responsibilities	Kunal has 12 years of structural engineering experience with a primary focus in analysis, design, rating, and inspection of a variety of bridge types including prestressed concrete girders, structural steel plate girders, concrete slab spans, multi-column concrete bents, and pile bents. He is proficient in commercial software packages such as AASHTOWare BrDR, RC-Pier, CONSPAN, MDX, and STAAD. Kunal has also been involved in the design of highway sign structures and reviewing structural shop drawings. **Kunal will provide BRIDGE ENGINEERING services for this contract. Kunal 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).			
01/19 - 04/24	**I-10 LOYOLA DESIGN-BUILD INTERCHANGE | LADOTD | Kenner, LA** **Bridge Engineer.** Kunal performed design on the horizontally curved structural steel trapezoidal girders, substructure units, roadway barriers, sign structures and foundations, noise barrier, and miscellaneous structural components. He assisted with plan development on several design units. Additional responsibilities included reviewing shop drawings, addressing RFIs, and performing construction engineering. Kunal also performed QC on the load rating reports.			
09/15 - 07/16	**I-20 AND TARBUTTON ROAD INTERCHANGE | LADOTD | Ruston, LA** **Structural Engineer.** Project consisted of replacing an existing concrete overpass structure over I-20 near Ruston with a two-span structural steel plate girder structure. Substructure units were supported by drilled shafts to minimize the bridge footprint. Design was performed in accordance with AASHTO LRFD. Kunal assisted with quality control of the superstructure and substructure design and performed the as-designed load rating.			
01/19 - Ongoing	**NELSON ROAD EXTENSION BRIDGE | LADOTD Contract No. H.005967 | Baton Rouge, LA** **Structural Engineer.** Kunal assisted the design engineer with preparation of plans and specifications for this bridge extension to the surrounding roadway network. Design included design of bridge components, including substructure, footing and foundation, load bearing calculations, girders and barrier design. Other design elements include navigational lighting bridge attachments, steel bracket light supports with concrete anchors to the bridge structure.			
09/13 - 11/17	**BRIDGE PRESERVATION RETAINER PROJECTS | LADOTD | Statewide, LA** **Load Rating Engineer.** Kunal was responsible for developing LFR rating procedure using AASHTOWare BrR and STAAD for superstructure as per AASHTO MBE. Highlights of the project include rating Long Span Steel Through Trusses, Short span Steel Pony Trusses, and Masonry Arch Bridges.			
07/15 - 06/18	**US 90 (FUTURE I-49) AND LA 318 INTERCHANGE DESIGN BUILD | LADOTD | St. Mary Parish, LA** **Structural Design Engineer** for the twin bridges. Each bridge consists of LG-54 prestressed concrete girder spans on multi-column concrete bents and concrete wall piers. Responsibilities included performing design, as-designed load rating, reviewing shop drawings, and addressing construction submittals including RFIs and NCRs.			
01/17 - 10/18	**LOAD RATING AND POSTING OF 110 ON-SYSTEM BRIDGES | LADOTD | Statewide, LA** **Load Rating Engineer.** Project involved the load rating & posting of 110 on-system bridges. Bridges are located throughout the state and were load rated in accordance with LADOTD and AASHTO specifications. AASHTOWare BrR, CSI Bridge, and RC-Pier were used to determine rating factors and posting requirements. Kunal was responsible for developing load rating models and performing analyses. His main focus is a bridge structure on I-10 over city streets in New Orleans that is approx. 18,000-ft long with complex geometry and span arrangements.			
06/16 - Ongoing	**MISSISSIPPI COMPLEX BRIDGE INSPECTIONS AND LOAD RATINGS | MISSISSIPPI OFFICE OF STATE AID ROAD CONSTRUCTION | Statewide, MS** **Load Rating Engineer and Inspection Team Leader.** This project includes inspection and load rating of over 100 off-system bridges in 17 different Mississippi Counties. Inspections and load ratings are performed in accordance with current NBIS and procedures as outlined in the AASHTO MBE. Structure types include steel trusses, structural steel plate girders, steel railroad flat cars, reinforced concrete girders and slabs, reinforced concrete box culverts, and masonry arches. Kunal is responsible for field inspections, load ratings, inspection reports, and QC/QA on load ratings.			

FIRM EMPLOYED BY	**Stantec Consulting Services Inc.**			
NAME	**Bagyalakshmi "Bagya" Shanmugam, PhD, EI**		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	**3**
TITLE	**Bridge Engineer**		YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	**2.5**
DEGREE(S) / YEARS / SPECIALIZATION	**PhD | 2011 | Civil Engineering; MS | 2003| Structural Engineering**			
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE	**EI No. 0035308 | LA | 3/31/2027**			
YEAR REGISTERED	**2022**	DISCIPLINE	**Civil Engineering**	

Contract role(s) / brief description of responsibilities	Bagya has five years' experience as a structural design engineer. Her skill set involves analyzing, designing, inspecting and load rating of various types of bridge structures. She also has experience in analyzing and designing temporary steel shelters and ITS structures and their foundations. She is well versed in AASTOWARE BrR, CONSPAN, FBmultipier, RC Pier, STAAD-pro, MDX and CSi. **Bagya will provide BRIDGE ENGINEERING 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).
10/24 - Ongoing	**BASCULE LOAD RATING CONTRACT | Mississippi DOT** **Load Rating Engineer.** Stantec is responsible for developing a methodology to load rate bascule bridges in Mississippi and to use the developed methodology to load rate three bridges. Bagya developed an AASHTOWARE BrR model and CSIBridge model of one of the bascule bridges and compared the rating factors. Her responsibilities include proposing a methodology to obtain load rating factors of bascule bridges, load rating all three bridges and submitting load rating reports.
08/25 - 09/25	**SR 305 LIGHTING POLE FOUNDATION DESIGN | Mississippi DOT | Desoto County, MS** **Engineer in Training.** Bagya designed the foundation for low mast lighting pole and reviewed the foundation detail sheets for the pole and service rack.
06/24 - 12/24	**NICHOLSON AND WATER STREET SIGNAL PROJECT | City of Baton Rouge, LA** **Engineer in Training.** As part of this project, foundation of a dual arm DMS signal pole was designed according to the City of Baton Rouge standards, LADOTD specifications and AASHTO LRFD LTS. Bagya developed a spreadsheet to calculate the load (axial, shear, moment and torsion) on dual arm signal pole and to design its foundation using FBmultipier.
09/24 - 01/25	**BRIDGE INSPECTIONS AND LOAD RATINGS WA5 - WA7 | TX** **Engineer in Training.** This project involved checking inspection reports and load rating calculations of bridge structures from three districts according to the latest NBIS based on SNBI. Bagya reviewed on-system and off-system bridge inspection reports and load ratings from eight different sub-consultants to ensure consistency between reports being submitted. She also reviewed Stantec inspection reports.
05/24 - 07/24	**TXDOT LOAD RATING (WA4) | TX** **Engineer in Training.** Stantec was requested by TxDOT to perform an independent check of the load rating of a curved steel bridge structure in accordance with MBE and AASHTO standards. The structure comprised of curved steel girders framing into steel cap at the intermediate bent. The cap was supported by rotational bearings free to rotate longitudinally along the bridge. To simplify the bridge analysis process, Bagya built an MDX model of the superstructure. Rotational stiffness of the intermediate support in MDX was calculated by building a CSi bridge model of the intermediate support. MDX was used to calculate rating factors.
12/22 - 08/23	**SR 16/ SR 149 FLOODWAY CHANNEL YAZOO RIVER (BRIDGE NOS. 210.9, 211.1 & 211.8) | Project No.STP-0037-04(059)/ 107397-101100 | MS** **Engineer in Training.** The project consists of designing three bridges across Yazoo River in Mississippi. Bagya designed the substructure and superstructure of the two prestressed bridges and one steel bridge per AASHTO and MDOT Bridge design manual. Superstructure design involved load calculations, deck design, prestressed girder design, steel plate girder design, elevation calculations, intermediate and abutment bent design, back wall design, bearing design, joint width calculation and foundation design and as-design load rating of the bridge and estimating summary of quantities. AASHTO Bridge Rating Software, RCPier, MDX, FBMultpier and MS-excel software were utilized.
03/24 - 06/25	**SR 28 OVER PEARL RIVER REPAIRS | Mississippi DOT | Copiah and Simpson Counties, MS** **Engineer in Training.** Project included 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. Stantec completed 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.



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 provide ROADWAY 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).
07/15 - 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.
07/15 - 06/18	**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.
01/18 - 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.
10/17 - 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.
07/14 - 06/16	**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.
05/12 - 12/21	**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	**10**
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 10 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 provide ROADWAY 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.			
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, 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** **Engineer Intern.** Hannah provided analysis of existing project conditions through field work. She helped in providing recommendations to bring conditions up to current ADA standards. She met with residents and business owners impacted by the project at public meetings held by LADOTD. Hannah assisted with construction plans as well as exhibits for public information meetings. This project included a single-lane roundabout with bypass lanes at the Lobdell Ave. intersection.			
11/15 - 8/19	**W. PRIEN LAKE ROAD RELOCATION | LADOTD | Lake Charles, LA** **Engineer Intern.** 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 Contract No. H.011670 | New Orleans, LA** Roadway Engineer. Hannah was responsible for creating traffic control plans and modifying as needed during construction. This multi-million dollar project improves 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 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 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 using MOVEBR design criteria. 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 is responsible for all final design including roadway and traffic signal plans, subsurface drainage and culvert design, and wetlands permitting. Hannah produced the plan set that was submitted with the wetlands permit application.			
06/17 – 06/21	**NELSON ROAD EXTENSION AND BRIDGE | LADOTD | Lake Charles, LA** **Engineer Intern.** Hannah was responsible for organizing and completing a vessel survey during the Environment Assessment phase. Vessel owners were contacted to determine a bridge clearance business impact to a local shipyard. Hannah also assisted in the vertical profile design, drainage design, template design, and plan preparation for the preliminary submittal. The Nelson Road extension over Contraband Bayou will connect the community of Lake Charles and provide an alternate route to alleviate traffic from the interstate system.			

FIRM EMPLOYED BY	**Stantec Consulting Services Inc.**			
NAME	**Scott Hoffeld, CEP**		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	**5**
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 31 years of NEPA and permitting experience for LADOTD, spanning from EAs, CEs and re-evaluations to complete multi-phased and 3rd party EISs and supplemental EISs. His project experience has included IJRs; 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 provide ENVIRONMENTAL / PUBLIC OUTREACH 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).			
01/15 – 07/17	**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.			
07/15 - 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.			
10/15 - 03/17	**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.			
04/10 - 10/14	**EA FOR CHEF MENTEUR BRIDGE AND APPROACHES REPLACEMENT - WITH FONSI | LADOTD | Orleans Parish, LA** **Project Manager.** Responsible 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 were under consideration along three alignments in an area of environmental and design challenges. Built in 1930, the existing US 90 swing-span bridge over Chef Menteur Pass has two 10-ft 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 was initiated along with computerized renderings of postconstruction views to be used in the effort.			
01/20 - 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.			

FIRM EMPLOYED BY	**Stantec Consulting Services Inc.**			
NAME	**Joey Lefante, PE, PTOE**		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	**17**
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 Engineering | PTOE #3560**	
Contract role(s) / brief description of responsibilities	Joey has 17 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 provide TRAFFIC ENGINEERING 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).			
04/11 - 06/15	**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.			
03/14 - 05/15	**LA 511 JIMMIE DAVIS BRIDGE REHABILITATION | LADOTD Contract No. H.010662 | Bossier Parish, LA** **Traffic Engineer** who performed traffic analysis for the designated detour route as part of the TMP and proposed locations for temporary signal installations during the bridge closure. Detour routes included city streets on both side of bridge. Based on analysis, Joey designed and detailed traffic signal plans for temporary signal installations. Each selected improvement was needed to handle rerouting of all bridge traffic to the detoured route with minimal permanent pavement changes.			
11/10 - 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.			
08/14 - Ongoing	**I-49 LAFAYETTE CONNECTOR | LADOTD | Lafayette, LA** **Traffic Task Manager.** Joey is responsible for coordination with DOTD 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 DOTD 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 DOTD Traffic Engineering Process and Report (TEPR) Guidelines.			
08/09 - Ongoing	**I -49 INNER CITY CONNECTOR STAGE 0-1, STUDY & IJR | LADOTD | Shreveport, LA** **Traffic Engineer** performing NEPA investigations, developing IMR and IJR and providing quality assurance for this 3.5-mile final nationwide link of I-49 by connecting the existing I-49/I-20 interchange to the proposed I-49/I-220 interchange. NLCOG's Travel Demand Forecasting Model was modified and used to project future traffic for 3 alternatives representing different interchange combinations. HCS will be used to determine which roadway improvements would be necessary for each alternative.			
08/19 - 04/24	**I-10 LOYOLA DESIGN-BUILD | LADOTD Contract No. H.011670 | New Orleans, 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 and complete street accommodations such as sidewalks and a two-way cycle track.			

FIRM EMPLOYED BY	**Stantec Consulting Services Inc.**			
NAME	**Michael Whitney "Whit" Hawkins, PE, CFM**		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	**9**
TITLE	**Structural Engineer**		YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	**11**
DEGREE(S) / YEARS / SPECIALIZATION	**MBA | 2005 | Business Administration; BS | 2004 | Civil Engineering**			
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE	**PE No. 46867 | LA | 09/30/2026; Certified Floodplain Manager No. US-07-02689 | MS | N/A**			
YEAR REGISTERED	**2022**	DISCIPLINE	**Civil Engineering**	
Contract role(s) / brief description of responsibilities	Whit has 20 years of experience specifically related to hydraulic projects. This experience includes developing hydraulic and hydrologic studies for FEMA's Digital Flood Insurance Rate Maps, Letters of Map Revisions, Risk MAP program, hydraulics for bridge design, 2-D hydraulic modeling, Phase I and II bridge scour analyses, and design of roadway storm-drain systems. Prior to joining Stantec, Whit served as the Director of Public Works for the City of Madison, MS, for two years that involved leading the design, construction, and maintenance of city streets, water supply system, and storm and sanitary sewers. **Whit will provide HYDRAULICS ENGINEERING 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.
08/19 - 07/24	**I-10/LOYOLA DRIVE INTERCHANGE IMPROVEMENTS DESIGN-BUILD PROJECT | LADOTD | Kenner, LA** **Hydraulics Engineer.** Responsible for determining hydraulic impact of US Interstate 10 bridge expansion over Duncan Canal and determined placement of scuppers for roadway barriers, noise barriers, and bridges from roadway hydrology and hydraulic calculations.
10/20 - 05/23	**I-55 AT BIG BLACK RIVER AND 5 RELIEFS AND DRY CREEK AND BIG CYPRESS CREEK | Mississippi DOT | MS** **Hydraulics Engineer.** Performed Phase I and II scour analyses and developed 2-Dimensional Hydraulic Models using Aquaveo SMS Program to determine if six sets of Interstate 55 bridges over the Big Black River and two sets of bridges over Dry Creek and Big Cypress Creek are scour critical.
07/19 - 11/22	**KEMP BRIDGE REPLACEMENT PROJECT | City of Vicksburg | Warren County, MS** **Hydraulics Engineer.** Developed HEC-RAS model to design a new bridge over Hennesseys Bayou for the Kemp Bottom Road crossing in Warren County.
05/16 - 04/19	**BRIDGE SCOUR EVALUATION FOR LYNCH CREEK AT I-20 | Mississippi DOT | MS** **Hydraulics Engineer.** Developed a 2-Dimensional Hydraulic Model using Aquaveo SMS Program to determine if three sets of Interstate 20 bridges over Lynch Creek are scour critical.
04/25 - Ongoing	**BOX CULVERT INITIATIVE 13 BRIDGE REPLACEMENTS | LADOTD Project Nos. H.016311, H.016312 | Acadia Parish, LA** **Hydraulics Engineer.** Whit serves as EOR for the hydraulic designs and analyses to size box culverts for six sites. Aquaveo SMS was used to develop 2-D hydraulic models and FHWA HY-8 was used to determine box sizes.
09/17 - 03/21	**SR 7 OVER RIVERDALE CREEK AND GRENADA RAILROAD | Mississippi DOT | Grenada County, MS** **Hydraulics Engineer.** Developed HEC-RAS hydraulic models and proposed bridge designs to replace a bridge over Riverdale Creek and the Grenada Railway on SR 7 in Grenada County, Mississippi.
12/17 - 12/20	**US HIGHWAY 80 BRIDGE REPLACEMENTS | Mississippi DOT | Newton, MS** **Hydraulics Engineer.** Calculated flows to determine sizing of drain pipes for four bridge replacement sites in Newton County.
01/17 - 12/18	**SR 42 BRIDGE REPLACEMENT | Mississippi DOT | Perry County, MS** **Hydraulics Engineer.** Developed a 2-Dimensional Hydraulic Model using Aquaveo SMS Program to design a quarter-mile-long bridge replacement over Tallahala Creek in Perry County, MS.
08/05 - 04/14	**MISSISSIPPI FLOOD MAP MODERNIZATION INITIATIVE | MDEQ | Jackson, MS** **Hydraulics Engineer.** Whit was responsible for a variety of technical tasks necessary to update FEMA floodplain maps for counties throughout Mississippi. Some of these tasks included GIS data processing and analyses, hydrologic and hydraulic modeling, digital mapping, production of flood insurance studies, and community outreach and presentations.

FIRM EMPLOYED BY	**Civil Design & Construction, Inc. (CD&C)**			
NAME	**Karla E. Weston, PE**		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	**21**
TITLE	**President**		YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	**6**
DEGREE(S) / YEARS / SPECIALIZATION	**BS | 1999 | Civil Engineering**			
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE	**PE No. 31010 | LA | 03/31/2028**			
YEAR REGISTERED	**2004**	DISCIPLINE	**Civil Engineering**	
Contract role(s) / brief description of responsibilities	Karla's 27 years of experience with LADOTD and other municipal entities on transportation projects provides her the knowledge and ability to oversee the firm's role as a sub-consultant and ensure the work is completed to LADOTD standards. **Karla will provide SURVEYING 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).
11/24- 05/25	**H.015949 LA 335 | LADOTD | LA** **SUE Project Engineer.** 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. CD&C also provided all appropriate SUE reports, data and plans for this project.
11/25 - Ongoing	**BRMA FAA LINE** **SUE Project Engineer** for the firm's SUE work on this project. 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. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
02/16-09/19	**H.003047 PECUE LANE/I-10 INTERCHANGE | Baton Rouge, LA** **Principal-in-Charge** for the firm's role as a sub-consult for the engineering design services of the West Bound on Ramp to I-10, the West Bound Off Ramp from I-10, the extension to Rieger Road and Pecue Lane Extension. Karla worked to oversee the firms design, coordinate with the prime consultant and government agencies.
12/13 – 10/19	**H.02960 GRAMERCY BRIDGE | St. James Parish, LA** **Principal-in-Charge** for the firm's role as a subconsultant for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project
02/14 - 02/15	**H.010620 I-49 DESIGN BUILD | Lafayette, LA** **QA/QC** review for the Roadway Design Plans on this Design-Build Project for part of the I-49 South Corridor.
05/13 – 05/14	**H.009288.5 LA 1 RAILROAD BRIDGE AT DOW | WBR Parish, LA** **Principal-in-Charge** for the firm's role as a sub-consult for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project. She has worked to oversee the firms design and coordination with prime consultant team.
01/06 – 12/12	**EBR CITY/PARISH PROJECT NO. 06-CS-HC-0018, Fairchild-Badley Roadway | EBR Parish, LA** **Principal in Charge** for this project that was approx. 1.25 miles in length along Fairchild-Badley Road and also included approximately 600 linear feet of Elm Grove Garden Dr. CD&C designed the upgrade to the existing narrow roadway to a typical section of 2-11' lands with a 2' barrier curb and gutter, and a 6' adjacent sidewalk. This included the design of a new sub-surface drainage system throughout the length of the project as well.
03/12 – 07/12	**H.009104.5 - SUNSHINE BRIDGE PHASE 2** **Project Manager and Engineer** for CD&C's portion of this Bridge Rehab Retainer Contract project which included the Traffic Management plans for the project. CD&C provided the Traffic Control design plans including detour maps of local road network for the repairs and widening to the Sunshine Bridge.
05/11 – 04/12	**RED RIVER – JACKSON STREET BRIDGE | Alexandria, LA** **Project Manager and Engineer** for CD&C's portion of this Bridge Rehab Retainer Contract project. CD&C provided the Traffic Control design plans including detour maps of local road network for the replacement of the Jackson Street Bridge over the Red River.

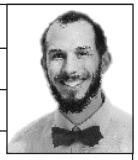
FIRM EMPLOYED BY	**Civil Design & Construction, Inc. (CD&C)**			
NAME	**Chris Ballard, PLS**		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	**10**
TITLE	**Survey Manager**		YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	**19**
DEGREE(S) / YEARS / SPECIALIZATION	**BS | 2004 | Biological Science**			
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE	**PLS No. 5033 | LA | 09/30/2026**			
YEAR REGISTERED	**2010**	DISCIPLINE	**Land Surveying**	
Contract role(s) / brief description of responsibilities	**Chris will provide SURVEYING services for this contract.** He will work to oversee the project stays on schedule, aid in both crew coordination and office production, and provide final QC on the firm's deliverable to the Prime Consultant. Chris 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.			

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).
12/23 – 05/23	**H.012618 LA 347 DRAINAGE IMPROVEMENTS** **Survey Manager.** Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR** **Survey Manager.** Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
09/18-01/20	**H.004100 I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12 | West and East Baton Rouge, LA** **Survey Manager.** CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.
04/17-07/17	**H.010006.5-3 LA 58 PETIT CAILLOU BRIDGE REHABILITATION (SARAH BRIDGE) | Terrebonne Parish, LA** **Survey Manager** for this project which included a complete topographic survey, utility coordination, channel cross sections, and the scanning of the existing vertical lift bridge for the design of its repairs/replacement. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning and hydrographic surveying.
02/19-09/19	**BRIDGE REPLACEMENTS IN EAST FELICIANA PARISH | Rural East Feliciana Parish, LA** **Survey Manager**. It includes the replacement of 2 bridges which were damaged from flooding and the repairs to many rural roadways throughout the parish. These projects are being funded thru FEMA and all documentation has to be in accordance with FEMA's policies and procedures.
01/17-12/17	**EAST BATON ROUGE PARISH BRIDGES | East Baton Rouge Parish, LA** **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.
09/17-09/17	**H.012650.5-1 DISTRICT 62 BRIDGES | Livingston and Tangipahoa Parishes, LA** **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.



FIRM EMPLOYED BY	**Civil Design & Construction, Inc. (CD&C)**		
NAME	**Scott Benton**	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	**10**
TITLE	**Survey Project Manager**	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	**5**
DEGREE(S) / YEARS / SPECIALIZATION	**N/A**		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE	**N/A**		
YEAR REGISTERED: **N/A**	DISCIPLINE: **N/A**		

Contract role(s) / brief description of responsibilities	Scott has over 15 years of surveying experience and works for CD&C as a Survey Project Manager. He is also one of our Remote Sensing Technician and is a FAA Licensed Drone Pilot. His duties include managing all Remote Sensing work on topographic survey projects for the firm by organizing the field crews to obtain scans, processing the scan data in the office, and producing the final extracted data for import into design-related software. **Scott will provide SURVEYING 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).
11/24- 05/25	**H.015949 LA 335 | LADOTD | LA** **3D Scanning Technician.** 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.
12/24 – 04/25	**H.014824.5 LA 317 - WAX LAKE B** **3D Scanning Technician** on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
10/24 – 01/25	**H.015849 US 190 R CUTS AT LA741** **3D Scanning Technician** on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
12/23 – 05/23	**H.012618 LA 347 DRAINAGE IMPROVEMENTS** **3D Scanning Technician** on this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015056 - LA 685** **3D Scanning Technician** on this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 BUSINESS** **3D Scanning Technician** on this project Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR** **3D Scanning Technician** on this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
10/20 – 01/21	**H014302 US 165 LIGHTING | Monroe, LA** **3D Scanning Technician** on this lighting project. CD&C was a sub-consultant on this project and was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.
12/19 – 01/2020	**H.004100 I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12 | West and East Baton Rouge, LA** **3D Scanning Technician** for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.

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	**Land Surveying**	
Contract role(s) / brief description of responsibilities	Madison 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. **Madison will provide SURVEYING 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).
11/24- 05/25	**H.015949 LA 335 | LADOTD | LA** **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.
12/24 – 04/25	**H.014824.5 LA 317 - WAX LAKE B** **Survey Project Manager** on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
10/24 – 01/25	**H.015849 US 190 R CUTS AT LA741** **Survey Project Manager** on this project. The topographic data for this survey was collected through a combination of conventional ground survey and Terrestrial LiDAR data collection methods. Project was completed to LADOTD Location and Survey Standards and practices.
12/23 – 05/23	**H.012618 LA 347 DRAINAGE IMPROVEMENTS** **Survey Project Manager** on this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	**H.015619.5 LA 106** **Survey Project Manager** on this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods was used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015056 - LA 685** **Survey Project Manager** on this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 BUSINESS** **Survey Project Manager** on this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 I-20 UPPR** **Survey Project Manager** on this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
08/22 – 02/23	**4400017091 LOUISIANA WATERSHED INITIATIVE REGION 5 – TASK ORDER 3** **Survey Project Manager** for this Louisiana Watershed Initiative project. Responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the final deliverables to the client. CD&C is a sub-consultant on this project.

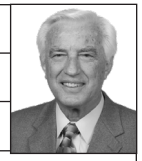
FIRM EMPLOYED BY	**Civil Design & Construction, Inc. (CD&C)**			
NAME	**Clarence J. Goodspeed**		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	**4**
TITLE	**SUE Manager**		YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	**30**
DEGREE(S) / YEARS / SPECIALIZATION	**N/A**			
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE	**N/A**			
YEAR REGISTERED	**N/A**	DISCIPLINE	**N/A**	



Contract role(s) / brief description of responsibilities	Clarence has 30+ years' experience in underground utilities. He 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. **Clarence will provide SURVEYING 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).
11/24- 05/25	**H.015949 LA 335 | LADOTD | LA** **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.
12/24 – 04/25	**H.014824.5 LA 317 - WAX LAKE B** **Utility Coordinator** for this project. CD&C was a sub-consultant and was responsible for a complete topographic survey as well as an existing drainage map. The topographic survey of all utilities included depths, drainage and finished floor elevations of all buildings that fell within the designated survey limits.
10/24 – 01/25	**H.015849 US 190 R CUTS AT LA741** **Utility Coordinator** for this project. CD&C was a sub-consultant and was responsible for a complete topographic survey as well as an existing drainage map. The topographic survey of all utilities included depths, drainage and finished floor elevations of all buildings that fell within the designated survey limits.
03/23 – 12/23	**MSY CAMPUS WIDE SEWER LOCATION** **SUE Manager** for this project. 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.
01/24 – 03/24	**RN NUCCIO RD SUE** **SUE Manager** for this bridge replacement project. CD&C provided SUE utility locations with SUE QL- B utility designation, and provided all SUE reports and data.
04/24 – 05/24	**BRMA FAA BORING**: **SUE Manager** for this project which 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.
03/24 – 08/24	**MSY EAST APRON EXPANSION** **SUE Manager** for this project which included 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.
03/24 – 05/24	**MSY EMPLOYEE PARKING** **SUE Manager** for this project which included SUE QL- B utility information and topographic survey for approximately 0.5 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.
02/24 – 05/24	**BRMA RADAR DECOMP** **SUE Manager** for this project which included SUE QL- B utility information and topographic survey for over 2 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	**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 | 9/30/2026**			
YEAR REGISTERED	**2010**	DISCIPLINE	**Civil Engineering**	

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 City-Parish, LADOTD, 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 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 SUBSURFACE INVESTIGATIONS 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.
04/24 - Ongoing	**P3 I-10 CALCASIEU RIVER BRIDGE GEOTECHNICAL ENGINEERING SERVICES | LADOTD | Lake Charles, LA** **Lead Geotechnical Engineer.** This historic public-private partnership (P3) redesigns and renovates 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.
10/21 – 06/22	**JIMMIE DAVIS BRIDGE PRELIM EXPLORATIONS | LADOTD | 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.
1/19 – 11/24	**I-10/LOYOLA INTERCHANGE DESIGN BUILD | LADOTD | 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.
05/18 – 04/19	**I-20/I-220 (BARKSDALE AFB) DESIGN BUILD, OV/QA | LADOTD | Bossier Parish, LA:** **Project Manager.** Larry is the project manager for GeoEngineers' OV/QA role in this design-build project which involved interchange improvements (piles, shafts, embankments and PDA / CAPWAP) that will increase access to the Barksdale Air Force Base in Bossier Parish.
08/17 – 11/20	**I-10 WIDENING (HIGHLAND TO LA-73) DESIGN BUILD, OV/QA | LADOTD |** 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.
04/15 – 11/17	**US-90/LA-318 INTERCHANGE DESIGN BUILD | LADOTD | 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 lead the geotechnical design including drilling, log review, test assignments, pile design, settlement analysis, embankment monitoring, and embankment design. GeoEngineers also conducted extensive settlement modeling to demonstrate that the aggressive schedule for this project can be met along with modeling driving in the wave equation analyses (WEAP). During construction we conducted PDA (Pile Driving Analyzer)/CAPWAP (Case Pile Wave Analysis Program) testing to keep the schedule progressing.

FIRM EMPLOYED BY	**GeoEngineers, Inc.**			
NAME	**James "Jim" Aronstein, Jr., PE, PLS**		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	**56**
TITLE	**Senior Geotechnical Engineer**		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 | 3/31/2027 / PLS No. 458 | LA | 3/31/2027**			
YEAR REGISTERED	**PE: 1969** **PLS: 1970**	DISCIPLINE	**Civil Engineering**	

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 LADOTD 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 LADOTD through local consultants; and work on the East Baton Rouge Parish Green Light roads and streets improvements plan. Jim's role has involved 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 SUBSURFACE INVESTIGATIONS 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.
10/21 – 06/22	**JIMMIE DAVIS BRIDGE PRELIM EXPLORATIONS | LADOTD | 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.
01/19 – 11/24	**I-10/LOYOLA INTERCHANGE DESIGN BUILD | LADOTD | Kenner, LA** **Principal in Charge.** GeoEngineers completed the geotechnical exploration, testing, engineering and 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. Jim is serving as Principal-in-Charge.
05/18 – 04/19	**I-20/I-220 (BARKSDALE AFB) DESIGN BUILD, OV/QA | LADOTD | Bossier Parish, LA** **Principal in Charge.** Jim is 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.
08/17 – 11/20	**I-10 WIDENING (HIGHLAND TO LA-73) DESIGN BUILD, OV/QA | LADOTD | Baton Rouge, LA** **Principal in Charge.** Jim is 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.
04/15 – 11/17	**US-90/LA-318 INTERCHANGE DESIGN BUILD | LADOTD | 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 wave equation analyses (WEAP). During construction we conducted PDA/CAPWAP testing to keep the schedule progressing 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 wave equation analyses (WEAP). During construction we conducted PDA/CAPWAP testing to keep the schedule progressing.
02/13 – 04/13	**I-49/US-90 WIDENING OVER LA182 AND BNSF RAILROAD | LADOTD | Lafayette, LA** **Principal in Charge.** A Louisiana 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.

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 | 3/31/2028**			
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 SUBSURFACE INVESTIGATIONS 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.
04/24 - Ongoing	**P3 I-10 CALCASIEU RIVER BRIDGE GEOTECHNICAL ENGINEERING SERVICES | LADOTD | Lake Charles, LA** **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.
10/21 - Ongoing	**CPRA, EAST ORLEANS LANDBRIDGE RESTORATION (PO-191) | Orleans Parish, LA** **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.
02/21 - 11/21	**CPRA, PHOENIX MARSH CREATION PROJECT – EAST INCREMENT (BS-0042) AND WEST INCREMENT (BS-0044) | Plaquemines Parish, LA** **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.
07/20 - 12/22	**CPRA, CAMERON MEADOWS MARSH CREATION AND TERRACING (CS-66) | Cameron Parish, LA** **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.
01/19 - 11/24	**LA DOTD, I-10/LOYOLA INTERCHANGE DESIGN BUILD | Kenner, LA** **Geotechnical Engineer.** 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	**2**
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 Grad 1: #02372372 | LA | 3/20/2031**			
YEAR REGISTERED	**2026**	DISCIPLINE	**Field Technician**	

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 SUBSURFACE INVESTIGATIONS 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.
09/25 - Ongoing	**UNIVERSITY LAKES, LLC, MAY STREET CONSTRUCTION SUPPORT SERVICES | Baton Rouge, LA** **Field Technician.** 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.
04/24 - Ongoing	**P3 I-10 CALCASIEU RIVER BRIDGE GEOTECHNICAL ENGINEERING SERVICES | LADOTD | Lake Charles, LA** **Field Technician.** 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.
04/24 - Ongoing	**CPRA, STATE WILDLIFE REFUGE (TV-0100) | Vermilion Parish, LA** **Field Technician.** 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.
07/20 - 12/22	**CPRA, CALCASIEU-SABINE LARGE SCALE MARSH CREATION CS-87.B | Cameron Parish, LA** **Field Technician.** 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.
02/23 - 03/26	**BASF, CONSTRUCTION MONITORING | Geismar, LA** **Field Technician.** 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.

17. **Firm Experience:**

FIRM NAME	**Stantec Consulting Services Inc.**			PAST PERFORMANCE EVALUATION CATEGORY(IES)*	**Bridge**
PROJECT NAME	**I-10 CLEAN, PAINT AND MISCELLANEOUS REPAIRS**			FIRM RESPONSIBILITY (prime or sub?)	**Prime**
PROJECT NUMBER	**H.009461**	OWNER'S NAME	**Louisiana Department of Transportation and Development**		
PROJECT LOCATION	**St. Martin and Iberville Parishes, Louisiana**			OWNER'S PROJECT MANAGER	**Danny Tullier, PE**
OWNER'S ADDRESS, PHONE, EMAIL	**1201 Capital Access Rd., Baton Rouge, LA 70808 | 225-379-1355 | Danny.Tullier@la.gov**				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	**07/15**	TOTAL CONSULTANT CONTRACT COST ($1,000's)			**$935**
SERVICES COMPLETED BY THIS FIRM (MM/YY)	**12/20**	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM ($1,000's)			**$783**

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

Stantec was responsible for developing bridge repair and rehabilitation plans, including maintenance of traffic plans, for 19 bridges along the I-10 corridor over the Atchafalaya Floodway Basin between Henderson, LA and Grosse Tete, LA.

TASK RELEVANCE:

- ☑ Condition Verification
- ☑ Bridge Repair and Rehabilitation Plans
- ☑ Traffic Control Plans

The bridge structure types consist of prestressed concrete girder spans and structural steel plate girder spans. Project limits extended over 22 miles and passed between two LADOTD Districts (03 & 61). Structure types included prestressed concrete and structural steel plate girder spans supported by column bents and hammerhead piers.





Deficiencies identified in the latest LADOTD bridge inspection reports were verified and quantified in the field prior to developing plans. Stantec was responsible for coordinating traffic control and equipment rentals during the field assessment phase. To minimize traffic interruptions during the field assessment, access was accomplished using a variety of methods included using an under-bridge access platform truck, a bucket boat, and from existing catwalks on the larger steel spans. A field condition report summarizing findings was delivered to LADOTD and used to develop repair details.

The plan set included cleaning and painting steel structures and miscellaneous repairs. Due to the project length and number of structures involved, a detailed layout system was introduce to assist locating repairs during construction. An all inclusive summary of repairs quantity table was developed to link structure with repair item number. Using the field condition report, deficiencies were grouped using type, size, location, and severity. This led to developing a **repair catalog** that could be easily identified on the bridge layout. Repair detail groups included (1) columns, (2) bearings, (3) girders, (4) decks, (5) rails, (6) joints, and (7) miscellaneous. Each repair identified on the layouts included the repair type and location. Stantec provided construction administration support services which included reviewing shop drawings, responding to contractor questions and RFIs, and performing site visits to provide clarity on repairs.



Repair details were developed for columns, prestressed girders, steel plate girders, concrete decks and bridge rails, deck joints, drainage systems, steel pipe piles, and painting existing steel structures. Final plans were delivered to LADOTD in the fall of 2017 and construction began in early 2018. Stantec is currently providing construction administration services which include responding to contractor questions and RFIs, reviewing contractor shop drawings, and developing plan change orders.

TEAM MEMBERS INVOLVED: **B. JOHNSON, K. MALPANI, J. CAINS, M. O'ROURKE**

FIRM NAME	**Stantec Consulting Services Inc.**	PAST PERFORMANCE EVALUATION CATEGORY(IES)*	**Bridge**
PROJECT NAME	**SR 28 OVER PEARL RIVER BRIDGE REPAIRS**	FIRM RESPONSIBILITY (prime or sub?)	**Prime**
PROJECT NUMBER	**SP-0013-02(037)/109589-101000 & 102000**	OWNER'S NAME	**Mississippi Department of Transportation**
PROJECT LOCATION	**Copiah & Simpson Counties, Mississippi**	OWNER'S PROJECT MANAGER	**Scott Westerfield, PE**
OWNER'S ADDRESS, PHONE, EMAIL	**401 North West Street, Jackson, MS 39201 | 601-359-7200 | swesterfield@mdot.ms.gov**		
SERVICES COMMENCED BY THIS FIRM (MM/YY)	**03/24**	TOTAL CONSULTANT CONTRACT COST ($1,000's)	**$220**
SERVICES COMPLETED BY THIS FIRM (MM/YY)	**06/25**	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM ($1,000's)	**$220**

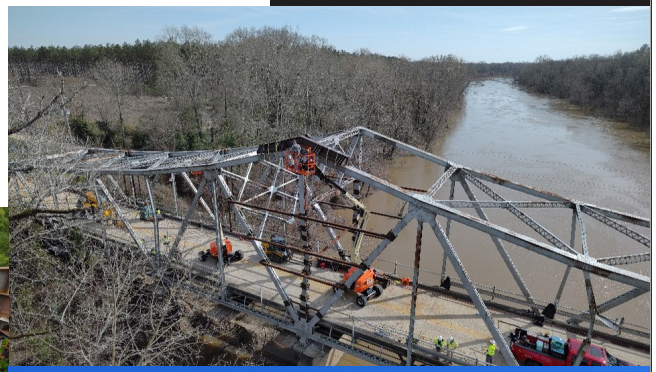
Describe the project including the firm's role and members involved. (Highlight members to be used in this proposal.)

Stantec performed an in-depth damage inspection one week after being notified by MDOT. A summary of findings was delivered six days after the inspection. Final plans were delivered in less than two months.

TASK RELEVANCE:

- ☑ Damage Inspection
- ☑ Bridge Inspection (NSTM)
- ☑ Inspection Reporting
- ☑ Maintenance & Repair Recommendations
- ☑ Final Bridge Plans
- ☑ Construction Support

The bridge, located on SR28, near Georgetown, MS, consists of a 550-ft three-span (150-250-150-ft) continuous steel through truss founded on reinforced concrete piers. On March 21, 2024, a hauling vehicle traveling west impacted several portals and sway frames due to carrying an oversized load. Several truss members in the bridge's main span and east anchor span were distorted or fractured, including two main load-bearing posts at the east pier. MDOT requested Stantec to perform a damage inspection to determine the extent of damage. On March 25, 2024, Stantec performed an initial site inspection and followed up with a detailed inspection of the east portion of the bridge on March 28, 2024. Rope access techniques were used to access lower and upper chord members, gusset plates, and floor beams; a bucket truck was used to inspect upper chord, vertical, diagonal, and sway bracing members and connections. During the inspection, member sizes and connection configurations were field verified against the existing plans and shop drawings. An upper chord member was found to have a full-depth fracture, which prevented opening the bridge to traffic until repairs could be completed. Stantec delivered a summary of the findings report and repair recommendations six days after the inspection.





Stantec developed repair plans that include limits for heat straightening and member replacement less than one month from the inspection date. To expedite the design phase, MDOT requested the stability analysis and member design be included in the construction contract. The project was advertised in May 2024. Stantec provided construction support, including reviewing contractor submittals, performing site observations, and addressing requests for information. Stantec performed weekly construction site observations the last few months of construction (March - April 2025) and performed final construction inspections above and below the bridge deck (May 2025). Construction was delayed for several months due to installing the temporary works.



TEAM MEMBERS INVOLVED: **B. JOHNSON, J. KREBS, K. MALPANI, B. SHANMUNGAM**

FIRM NAME	**Stantec Consulting Services Inc.**			PAST PERFORMANCE EVALUATION CATEGORY(IES)*	**Bridge**
PROJECT NAME	**I-10 TRINITY CANAL DRAINAGE CANAL BR REPAIR**			FIRM RESPONSIBILITY (prime or sub?)	**Prime**
PROJECT NUMBER	**H.015636**	OWNER'S NAME	**Louisiana Department of Transportation and Development**		
PROJECT LOCATION	**Iberville Parish, Louisiana**			OWNER'S PROJECT MANAGER	**Phillip Grasso, PE**
OWNER'S ADDRESS, PHONE, EMAIL	**1201 Capital Access Rd., Baton Rouge, LA 70808 | 225-379-1412 | Phillip.Grasso@la.gov**				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	**05/24**	TOTAL CONSULTANT CONTRACT COST ($1,000's)			**$118**
SERVICES COMPLETED BY THIS FIRM (MM/YY)	**01/26**	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM ($1,000's)			**$118**

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

Stantec prepared bridge plans to repair a damaged end bent wingwall and barrier rail along I-10 in Iberville Parish near Grosse Tete, Louisiana.

TASK RELEVANCE:

- ☑ Field Investigation
- ☑ Bridge Repairs
- ☑ Maintenance of Traffic

This project involved repairing the west end approach of the I-10 Eastbound bridge over Trinity Canal at mile post 37. The north end bent wingwall was impacted by a vehicle in December 2021 causing the wingwall to tilt and crack near the base of the wall.

An initial field investigation revealed the extents of damage are beyond what can be seen without extensive material removal. During the site visit it was determined to include additional repairs not associated with the impact to avoid a future contractor mobilization.



Repairs included replacing the northwest wingwall, including two new steel piles, replacing a portion of the north bridge rail on the first span, removing and reconstructing a portion of the west end approach, and repairing several concrete spalls on the cap of Bent 1.

Challenges associated with this project included determining if traffic could be shifted to the shoulder temporarily and developing a traffic management plan. According to previous overlay projects, it appears the shoulder was reinforced; however, field records confirming the typical section were not available. This corridor sees over 60,000 vehicles per day and any impact to vehicle flow would create significant queues and delays.

During construction, it was determined the shoulder was constructed to sustain heavy traffic for a short amount of time and no reports were received stating traffic congestion.

TEAM MEMBERS INVOLVED: **B. JOHNSON, J. CAINS, H. KREBS, B. SHANMUGAM**





FIRM NAME	**Stantec Consulting Services Inc.**	PAST PERFORMANCE EVALUATION CATEGORY(IES)*	**Bridge**
PROJECT NAME	**BOX CULVERT INITIATIVE**	FIRM RESPONSIBILITY (prime or sub?)	**Prime**
PROJECT NUMBER	**H.016311, H.016312, H.016314, H.016318, H.016319, H.016320, H.016325**	OWNER'S NAME	**Louisiana Department of Transportation and Development**
PROJECT LOCATION	**Acadia, Evangeline, Jackson, St. Landry Parishes, Louisiana**	OWNER'S PROJECT MANAGER	**Michael Chorazak, PE**
OWNER'S ADDRESS, PHONE, EMAIL	**1201 Capitol Access Rd, Baton Rouge, LA 70808 | 225-379-1091 | Michael.Chorazak@la.gov**		
SERVICES COMMENCED BY THIS FIRM (MM/YY)	**04/25**	TOTAL CONSULTANT CONTRACT COST ($1,000's)	**$1,568**
SERVICES COMPLETED BY THIS FIRM (MM/YY)	**Ongoing**	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM ($1,000's)	**$1,568**

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

TASK RELEVANCE:

- ☑ Environmental Services
- ☑ Bridge Hydraulics
- ☑ Maintenance of Traffic
- ☑ Minimizing Project Limits

Stantec is responsible for preparing seven project plan sets for 13 different bridge sites to replace existing timber bridges with precast concrete box culverts.

An initial project site visit was performed by the plan development team to determine project limits, verify survey accuracy, gather channel information for hydraulic design, and confirm area of environmental investigation. Project goals included minimizing project limits to avoid right-of-way acquisitions, expedite project delivery, and develop a project to shorten construction time. Environmental services included preparing the solicitation of views, categorical exclusion documentation, wetland study, cultural resources study, threatened and endangered survey, and navigability determination packet for each site. Using these results, Stantec prepared and facilitated obtaining necessary permits. To determine the required box size, a hydraulic analysis was performed in accordance with the DOTD Hydraulics Manuals and FHWA Hydraulic Engineering Circulars. Box sizes were established to ensure future flood events would not compromise the project site. A combination of software packages were used to perform the analysis and design including Aquaveo's Surface-water Modeling System (SMS), HEC-RAS, and FHWA HY-8.If feasible, boxes were lengthened to avoid being in the clear zone, thus eliminating the need for guardrail. Ultimately this will minimize future maintenance costs by eliminating replacing guardrail elements when impacted by vehicles. Milestone deliverables were limited to 60%, 90%, and 100% preliminary plans and 90% and 100% final plans. At this time, 90% final plans have been delivered to DOTD for all seven projects.

Projects included in this initiative:
H.016311 - LA 1123: Creek Bridges (3 sites)
H.016312 - LA 3116: Creek Bridges (3 sites)
H.016314 - LA 3048: Creek Bridge (1 site)
H.016318 - LA 3149: Bayou Bridges (2 sites)
H.016319 - LA 542: Creek Bridges (2 sites)
H.016320 - LA 3187: Creek Bridge (1 site)
H.016325 - LA 358: Creek Bridge (1 site)

TEAM MEMBERS INVOLVED: **B. JOHNSON, J. CAINS, C. GAUDRY, H. KREBS, S. HOFFELD, W. HAWKINS**







FIRM NAME	**Stantec Consulting Services Inc.**			PAST PERFORMANCE EVALUATION CATEGORY(IES)*	**Bridge**
PROJECT NAME	**CANAL STREET BRIDGE REPAIRS**			FIRM RESPONSIBILITY (prime or sub?)	**Prime**
PROJECT NUMBER	**2411**	OWNER'S NAME	**City of Natchez**		
PROJECT LOCATION	**Natchez, Mississippi**			OWNER'S PROJECT MANAGER	**Mayor Dan Gibson**
OWNER'S ADDRESS, PHONE, EMAIL	**124 South Pearl St., Natchez, MS 39120 | 601-445-7500 | mayor@natchez.ms.us**				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	**04/24**	TOTAL CONSULTANT CONTRACT COST ($1,000's)			**$31**
SERVICES COMPLETED BY THIS FIRM (MM/YY)	**03/25**	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM ($1,000's)			**$31**

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

The Canal St. Bridge in Natchez, MS, is a 3-span (35-40-35-ft) rolled weathering steel girder bridge over the Natchez Railroad.

TASK RELEVANCE:

- ☑ Bridge (NBIS) Inspection
- ☑ Element Level Inspection
- ☑ Inspection Reporting
- ☑ Maintenance & Repair Recommendations
- ☑ AASHTO Load Rating

During the routine inspection in 2023 (under our current OSARC complex inspection report) Stantec determined the section loss in the webs and flanges of the girder ends warranted structural review. A load rating analysis of the superstructure was performed, and it was determined that the structure was in critical condition. Stantec issued a temporary posting until adequate repairs were made. The City of Natchez then tasked Stantec with designing repairs to restore capacity and prolong the life of the structure.

Girder end repairs were designed utilizing welded web and flange support plates at each girder end. Additionally, the expansion joints were repaired with preformed seals to prevent further water intrusion, effectively arresting the corrosion. Single-lane closures were coordinated with the City of Natchez so that limited traffic disruption for the duration of the construction. Stantec also coordinated with the Natchez Railway to ensure rail traffic was not interrupted.

Stantec made regular site visits during construction to observe progress and ensure quality. Following construction, Stantec completed an in-depth inspection of the structure under our current OSARC complex inspection contract. A formal inspection report and new load rating was then completed and submitted to the Office of State Aid Road Construction Assetwise database. The duration of the project was 11 months.

TEAM MEMBERS INVOLVED: **B. JOHNSON, B. SHANMUGAM**



FIRM NAME	**Civil Design & Construction, Inc.**		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 Fields (Stanley Consultants)**
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 or 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: **K. WESTON, C. BALLARD, M. MILLS, C. GOODSPEED, S. BENTON**



FIRM NAME	**Civil Design & Construction, Inc.**		DISCIPLINE(S)		**Survey**
PROJECT NAME	**LA 317 - WAX LAKE B**			FIRM RESPONSIBILITY (prime or sub?)	**Sub**
PROJECT NUMBER	**H.014824.5**	OWNER'S NAME	**Louisiana Department of Transportation and Development (sub to Stanley Consultants)**		
PROJECT LOCATION	**St. Mary Parish**			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: **K. WESTON, M. MILLS, S. BENTON, C. GOODSPEED**

FIRM NAME	**Civil Design & Construction, Inc.**		DISCIPLINE(S)		**Survey**
PROJECT NAME	**LA 443: TANGIPAHOA RIVER EMERGENCY BRIDGE REPLACEMENT**			FIRM RESPONSIBILITY (prime or sub?)	**Sub**
PROJECT NUMBER	**H.02728.5**	OWNER'S NAME	**Louisiana Department of Transportation and Development (sub to Huval & Assoc.)**		
PROJECT LOCATION	**Tangipahoa Parish, LA**			OWNER'S PROJECT MANAGER	**Thomas Gattle (Huval & Assoc.)**
OWNER'S ADDRESS, PHONE, EMAIL	**922 W. Point Des Mouton Rd., Lafayette, LA 70507 | 337-234-3798 | tgattle@huvalassoc.com**				
SERVICES COMMENCED BY THIS FIRM (MM/YY)	**10/16**	TOTAL CONSULTANT CONTRACT COST ($1,000's)			**N/A**
SERVICES COMPLETED BY THIS FIRM (MM/YY)	**11/16**	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM ($1,000's)			**$81**

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

Project Description: This Project was for the Emergency replacement of the bridge on LA 443 over the Tangipahoa River due to the Historic Floods in August of 2016. The project is located Northeast of Hammond, Tangipahoa Parish, Louisiana, 4 miles Northeast of the intersection of La 1064 and La 443. The survey total length was approximately 1500'. The width of the survey and DTM was extended to a total of 170 feet (90 feet North of the existing centerline of La 443 and 80 feet South of the existing centerline of La 443).



CD&C's Role: 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 cross-sectional 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 fieldwork was completed in less than 3 weeks.

Performed in LA: 100%



TEAM MEMBERS INVOLVED: **K. WESTON, C. BALLARD**

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.010151**	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	**P.O. Box 94245, Baton Rouge, LA 70816 | 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, Calcasieu Parish. 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 heighted even more to ensure the safety of everyone working on the project and to the ongoing traffic.

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



FIRM NAME	**GeoEngineers, Inc.**		DISCIPLINE(S)		**Geotech**
PROJECT NAME	**DESIGN-BUILD US90 @ LA318 INTERCHANGE**			FIRM RESPONSIBILITY (prime or sub?)	**Sub**
PROJECT NUMBER	**S.P. H.004932**	OWNER'S NAME	**Louisiana Department of Transportation and Development**		
PROJECT LOCATION	**St. Mary Parish, LA**			OWNER'S PROJECT MANAGER	**Timothy Nickel, PE**
OWNER'S ADDRESS, PHONE, EMAIL	**P.O. Box 94245, Baton Rouge, LA 70816 | 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 an surcharge to reduce post-construction embankment settlement, including field monitoring.
- Field monitoring of pile dynamic testing including WEAP and PDA/CAPWAP analysis.

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



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	**Timothy Nickel, PE**
OWNER'S ADDRESS, PHONE, EMAIL	**1201 Capitol Access Road, Baton Rouge, LA 70804 | 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)	**11/24**	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM ($1,000's)			**$1,100**

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**

18. **Approach and Methodology:**

PROJECT UNDERSTANDING

The Louisiana Department of Transportation and Development (DOTD) is seeking a qualified bridge design consultant to assist with condition assessment, project planning, and delivery with the goal being quick, turn-key packages that are construction-ready. Task orders are anticipated to be centered around a particular bridge site, or batch of bridges, that have been identified as needing timely solutions for either preventative maintenance or immediate structural concerns. Depending on the project site, additional services could be needed in addition to structural analysis and design including survey, utility coordination, environmental permitting, maintenance of traffic, preparation of project specifications, construction cost estimates, and development of public outreach and stakeholder strategies.

When meeting the DOTD PM prior to advertisement, it was learned that projects will be prioritized based on DOTD's urgency. Solutions will be designed with potential impacts to the environment and traveling public in mind.

Stantec has served, and is currently serving, DOTD on bridge-focused IDIQs and understands the expectations set forth in the scope of services. With this knowledge, the Stantec team is confident that we have the expertise to successfully manage the challenges while working on several projects at once that each have their own delivery requirements.

TEAM APPROACH AND METHODOLOGY

Stantec will serve as the prime consultant and will work closely with subconsultants **Civil Design & Construction, Inc. (CD&C)** and **GeoEngineers Inc.** to provide the necessary services outlined in Attachment "A" of the advertisement related to structure asset management plan development, structure preservation project development, post-design construction support services, and contract management. Once a Task Order has been assigned to our team, we will reach out to the DOTD PM to establish communication protocols and determine dates for the scoping / kickoff meeting to discuss DOTD's goals and objectives for the site(s) included.

CONTRACT / TASK ORDER CONTROLS

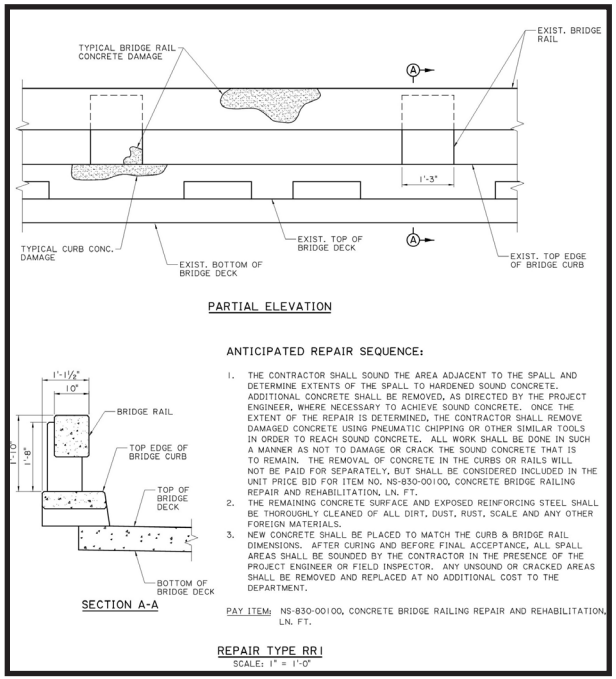
Although not specifically mentioned in the advertisement, the Stantec team suggests establishing contract / task order tools and standards to assist with condition assessment, proposed solutions, and preparing repair plans. These controls can include, but are not limited to, an Action Matrix and Repair Detail Catalog, which are explained below. An initial Task Order would allow these items, and others as deemed appropriate by DOTD, to be developed to use through the IDIQ's duration.

Action Matrix - Appendix C: Component Condition Rating Guidance from the Specifications for the National Bridge Inventory can be the basis for developing the matrix. A concept of what might be included in this matrix is shown below. Incorporating deficiency (defect) severity and extent with other factors associated with the likelihood of a deficiency reoccurring in the future and estimated repair costs will allow a preliminary action to be selected without a significant amount of effort. If this step is unclear on an obvious action, additional analyses can be performed with the understanding rehabilitation is an option.

Action Matrix Concept

Type of Work	Unit	Quantity	Unit Cost
Concrete Spall Repair Break back to sound concrete, clean and apply corrosion mitigation to exposed reinforcing, proper surface preparation, formwork as needed, pour.	Isolated/Some (SQFT)		
	Widespread (SQFT)		
Steel Member Strengthening/Replacement Deficiency limits determined and repair solution designed, detailed, load rated, and installed.	Strengthening (EACH)		
	Replacement (EACH)		
Crutch Bent Installation Design, detail, load rating, and the installation of a straddle bent or helper bent, depending on the situation.	Helper Bent (EACH)		
	Straddle Bent (EACH)		

Repair Detail Catalog - would include details to repair common deficiencies found on different bridge types. In Section 17, we include a project performed along I-10 over the Atchafalaya Floodway which required a field condition assessment and plan preparation for bridge repairs of all types. Included were repairs to bearing anchor bolts, concrete and steel girders, cross-frames, concrete and steel grid decks, concrete barrier rails, a variety of joint types, and miscellaneous non-structural elements. A snippet from the plans is shown to the right as an example.



To establish which repairs should be included, we will work with the DOTD PM to gather a sample set of inspection reports, and previously developed repair plans, which cover different bridges, deficiencies, and repairs. One repair that typically requires extensive analysis (load rating) is adding cover plates to steel

girders/beams. To develop a catalog for this repair type, we would recommend preparing an inventory of beam sizes and lengths to understand cover plate limitations and establish "standard" sizes for use with specific beams. A table of dimensions can be included in the repair plans to assist the contractor.

STRUCTURE ASSET MANAGEMENT PLAN DEVELOPMENT

Condition Assessments and Identified Deficiencies - the first step of a Task Order will begin by mobilizing a team to review available documents, such as existing / as-built drawings for the project site(s), previous inspection and load rating reports, construction data, and other available data, to determine the level of on-site field condition assessment efforts needed, if any, to accurately and completely document deficiencies requiring mitigation. When major deficiencies or damage are found during our document review, our pre-inspection process of obtaining appropriate information to develop bridge rehabilitation and/or repair plans will be initiated. Stantec has decades of experience performing inspections on a variety of different structure types, ranging from short, rural structures to large, long span major river crossings so we can quickly develop an approach. Data collection and condition assessment will be completed using appropriate methods for each situation including ladders, boats, drones, manlifts, bucket boats, and under-bridge inspection trucks. Each inspection team will be selected based on skill and expertise to ensure all required information is collected efficiently and in one deployment, if possible. Once these needs are identified, the team will notify the DOTD PM of our proposed schedule to perform field work. Field inspections will be performed to gather the data required to proceed with the appropriate bridge maintenance solution. Having one team complete the evaluation of similar bridge elements and components helps keep collected data consistent. A summary of our inspection findings, at the request of DOTD, can be entered into and assembled in InspectX as an NBIS Special Inspection; alternatively, our findings can be outlined, in detail, and included in a structural assessment report.

Recommended Preservation, Rehabilitation or Replacement Actions - using the above findings, and the previously mentioned **Action Matrix**, we will quickly assess if the structure meets criteria to be repaired or requires replacement. This outcome will also determine if additional analyses are needed to accurately provide recommendations to DOTD.

LOAD RATING - Oftentimes, the initial step towards diagnosing problem areas on a structure will lead to a complete load rating, whether an inspection finding raises concerns that it warrants a new load rating, or a routine load rating indicates necessary load restriction. When previous load rating results are unavailable, Stantec will proceed with load rating analysis using data and information gathered during the initial condition assessment phase. The load rating will be performed using AASHTOWare BrR, accompanied by other appropriate software packages, to identify areas and elements that may need to be strengthened or replaced to meet established rehab criteria.

Stantec has managed contracts and performed load ratings on several IDIQ contracts:

- DOTD (2013) – 40 bridges (steel & concrete girders, trusses, concrete slabs)
- DOTD (2017) – 635 bridges (steel & concrete girders, trusses, concrete slabs)
- MDOT (2019) – 120 bridges (tee-beams, steel & concrete girders, concrete box girders)
- MDOT (2022) – 4 steel through trusses
- MDOT (2025) – 3 steel bascule spans
- ALDOT (2021) – 42 bridges (steel & concrete girders, tee-beams, concrete slabs)

Prioritization of Improvements, Where Requested - structures deemed repairable will be reviewed to decide if imminent repairs are needed to improve load capacity or serviceability. These issues will be presented to the DOTD PM and prioritized as needed.

Planning-Level Cost Estimates - although results from the **Action Matrix** included a construction cost estimate, each structure will be assessed to determine if additional assumptions and contingencies are required. This could include factors such as access to the project site and bridge elements, material availability, uniqueness of repair, environmental impacts, and timeframe to complete the repairs.

Assessment Report - after completing the previously mentioned tasks, an assessment report will be developed and delivered to DOTD for review and further input. These reports will provide DOTD with several repair options, when possible, and enough information to make a calculated decision on what approach to adopt for a project.

STRUCTURE PRESERVATION PROJECT DEVELOPMENT

Using the assessment report and its findings, we will begin by determining what other information is needed to develop a complete preconstruction package from planning through final design. We will work with the DOTD PM to establish milestones and relative deliverables. These services may include:

Survey and Subsurface Investigations - when additional field data is needed, we will call upon:

- **CD&C:**

  to provide survey services, including Subsurface Utility Engineer (up to Quality Level A). As a team, we will work to establish project limits and needs which will be delivered to DOTD for their review and concurrence. CD&C has an abundance of knowledge and experience preparing and delivering topographic surveys for DOTD.

GEOENGINEERS:

to perform subsurface investigations including field investigations, non-destructive testing (NDT) existing foundations, laboratory testing and analysis, site characterization, soil boring logs, and construction services. As a team, we will determine the minimum number of borings to accurately determine deep foundations requirements. Evaluation of bridge foundation types will be carried out in accordance with relevant DOTD guidelines and national specifications.

Utility Coordination and Deconfliction - when preparing bridge repair plans, we will make every effort to avoid, or at least minimize, utility impacts. When conflicts are unavoidable, we will prepare a utility conflict matrix for review and coordination with the affected utility providers. Stantec has experience working directly with utility companies to develop and implement relocation plans, as necessary.

Environmental Permitting - early during the condition assessment, our environmental support team will collaborate with the design team to identify potential maintenance activities that may trigger permitting requirements, which may include, USACE wetland permits, Louisiana Scenic Stream Permit, and NPDES and Construction Stormwater Permits. We do not expect that the planned maintenance activities will necessitate lengthy individual permits; however, wetlands permits and routine requirements such as stormwater management may be needed.

Engineering Analysis and Design - analysis and design are uniquely different from one bridge type to another; however, all share common efforts and tasks. Our team has extensive experience in the repair and rehabilitation of deficient bridges using traditional and non-traditional techniques, e.g., advanced composite materials (also known as Fiber Reinforced Polymers) for concrete structures and heat straightening for steel structures. Designs will meet the most recent AASHTO bridge design specifications and the DOTD Bridge Design and Evaluation Manual (BDEM). Stantec has access to a variety of software packages necessary to complete structural design such as LEAP, CSi Bridge, STAAD, and FB Pier, along with in-house developed design spreadsheets.

Typically, the design manager develops a project task tracking spreadsheet which identifies each design task and plan sheet anticipated to complete the project. This tool is updated regularly to indicate the level of completeness for each project and can be shared with the DOTD PM for review and comment. Throughout the project, tasks might be added, modified, or removed to coincide with progress. Expertise in specific areas (for example, steel design) is identified in this tool so we can get the appropriate personnel engaged in the project. Each design task starts and ends with a design summary which includes design references (AASHTO, BDEM, etc.), known bridge data, assumptions / engineering judgment, approach to complete the analysis, and results. A senior engineer is responsible for reviewing the calculations and design summary which will be included in the final calculation booklet.

Plan production begins with the plan sheet index determined in the project task tracking spreadsheet. Using the assessment report, repairs will be selected from the catalog, or developed as needed, by the engineer to include in the plan set. Each sheet will be signed and sealed by a licensed LA PE.

Repair details will be developed based on structure complexity varying from a simple pile reinforcement / replacement or replacing a primary truss member requiring temporary supports and shoring as shown in the following photographs.



SR 28 over Pearl River Emergency Bridge Repairs, MS



Timber Pile Substructure Repair

Maintenance of Traffic (MOT) and Staging - construction sequencing and maintenance of traffic plans will be produced in compliance with the latest DOTD Temporary Traffic Control standard plans, DOTD Road Design Manual, MUTCD, and AASHTO Roadside Design Guide. Our team will produce site-specific, scaled traffic control layouts, identifying constraints early, such as utility impacts, required construction servitudes, access management, and anticipated lane closures, detours, or diversions. Our plan will consider worker and public safety through the work zone, while minimizing disruptions to the traveling public. A Transportation Management Plan (TMP) will be developed for the site in accordance with EDSM VI.1.1.8, ensuring operational efficiency and coordination with stakeholders according to the traffic control concept's level of impact on the existing corridor. If needed, our team will work with contractors under construction and maintenance work orders to create traffic control plans for projects under construction, requiring close coordination on field observations, constraints, and innovative solutions to promote job efficiency while maintaining traffic.

Preparation of Specifications and Estimates - we will work with the DOTD PM to determine final specifications that are needed for each project. Not every preservation or repair solution will strictly align with the established procedures in the DOTD Specifications, nor will every recommended material or product be included in the Approved Materials List. In those situations, we will draft appropriate non-standard (NS) construction or material specifications, as needed. If a new product or material appears to be the optimum solution for a repair, we are prepared to assist with presenting to the Specialty Products Committee for their review. Construction cost estimates will be developed using the latest available costing data for each pay item. When data is not available, we will compare costs on similar pay items with other states and, if needed, contact suppliers and vendors to determine acceptable unit costs.

Development of Public Outreach and Stakeholder Strategies - Stantec has a full complement of experienced public and agency outreach and coordination specialists with experience in related efforts for NEPA and design, which has been employed for recent DOTD bridge-replacement bundles and various other DOTD NEPA and environmental permitting support efforts. During the Structure Asset Management Plan development and preconstruction package development, field reconnaissance will be completed to identify obvious adjacent residential, institutional, commercial, and other interests in the vicinity of each project. Our team will also collaborate with DOTD to support, or lead if directed, necessary or helpful coordination with Parish and City leaders to communicate project maintenance plans related to duration, construction times, required detours and/or lane-restrictions. All directed outreach efforts including incoming/outgoing correspondence, graphics and meeting records will be retained and summarized for DOTD's task order records. As directed by DOTD, Stantec also has the experience and local staff to expand outreach to include more formal efforts that may include Solicitation of Views, small-group meetings, and publicly advertised events such as open houses, local kiosks, and meetings.

POST- DESIGN CONSTRUCTION SUPPORT SERVICES

At the onset of construction, Stantec will establish one point of contact that will be responsible for distributing submittal / RFI reviews to each discipline, maintaining the status of each review, and coordinating site observations. Stantec has developed a tracking log process that manages contractor submittal and RFI reviews, communications, and progress meetings throughout construction.

CONTRACT MANAGEMENT

Consultant Project Manager - as shown on the organizational chart, Brian Johnson, PE, will serve as the primary point of contact and responsible for overall management. Each Task Order will be assigned to a Project Manager who will report directly to Brian. The selected Project Manager and team's experience will line up with the needs on the specific Task Order.

Reporting and Administration - Stantec is familiar with DOTD invoicing requirements. Included with each invoice will be a progress report that details items completed during this period, problems encountered, unresolved issues, and items to be completed next period.



Canal Street Bridge Repairs, Natchez, MS

TASK ORDER SCHEDULE

Schedules will depend on the priority of the project, structure type, project location, DOTD task order scope and expectations. For a Task Order that spans over several months, the schedule will be updated, as needed, to include any disruptions, delays, or other issues that may affect overall project schedule. A typical schedule for an all-inclusive task order, assuming a non-complex bridge, is expected to be as follows:

TASK ORDER SCHEDULE		Year 1			
		MONTH 1	MONTH 2	MONTH 3	MONTHS 4 - 7
NTP & Kickoff Meeting		◆			
1	**Structure Asset Management**				
	Mobilize - data review, pre-inspection	■			
	Condition assessment, recommendations	■	◆		
2	**Structure Preservation Project Development**				
	Survey, subsurface, utility (if required)	■	■	■	
	Environmental permitting (if required)	■	■	■	
	Engineering analysis / design / plans	■	◆	■	◆
3	**Construction Support**				■

◆ NTP & Kickoff Meeting ◆ Transmit Design Criteria
◆ Transmit Assessment Report ◆ Transmit Preconstruction Package

QA/QC PLAN

With notification of award on the Contract, and at the request of the DOTD PM, we will develop and transmit a draft Quality Management Plan (QMP) that will serve as the basis of our quality control and assurance on each deliverable to DOTD.

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
	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: KCS RR Overpass (HBI) [Caddo Parish]; Bridge	$753,632
		4400023922; H.016311	IDIQ Contract for Bridge Preservation; LA 1123: Creek Bridges [Acadia Parish]	$104,588
		4400023922; H.016312	IDIQ Contract for Bridge Preservation; LA 3116: Creek Bridges [Acadia Parish]	$114,367
		4400023922; H.016314	IDIQ Contract for Bridge Preservation; LA 3048: Creek Bridge [Richland Parish]	$41,205
		4400023922; H.016318	IDIQ Contract for Bridge Preservation; LA 3149: Bayou Bridges [Evangeline Parish]	$102,507
		4400023922; H.016319	IDIQ Contract for Bridge Preservation; LA 542: Creek Bridges [Jackson Parish]	$86,807
		4400023922; H.016320	IDIQ Contract for Bridge Preservation; LA 3187: Creek Bridge [Evangeline Parish]	$63,799
		4400023922; H.016325	IDIQ Contract for Bridge Preservation; LA 358: Creek Bridge [St. Landry Parish]	$38,615

Stantec Consulting Services Inc.	Bridge	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
		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.06496.6	IDIQ Contract for Engineering and Technical Support Services for Critical Projects; DIST02/61/62 Bridge Bundle SFY25-26 [Statewide]	752
	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
	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
	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
	Survey	440004128; H.004273.5	Lafayette Regional Airport to I-10/I-49/US 167 Interchange [Lafayette Parish]; Survey	$22,731
	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
		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
	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

Stantec Consulting Services Inc.	Environmental	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
		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	$21,041
	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; I-12: Essen Ln to Walker Rd. ITS Ramp Meter Upgrades SA #1 [East Baton Rouge & Livingston Parishes]	$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
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
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

(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, please place N/A in the remaining unpaid balance column. NOTE: ALL FIRMS MUST BE REPRESENTED IN THIS TABLE. LEAVING THE "REMAINING UNPAID BALANCE" COLUMN BLANK IS NOT ACCEPTABLE.

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

STANTEC CONSULTING SERVICES INC.



Louisiana SECRETARY OF STATE NANCY LANDRY

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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, 8TH 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



U.S. Department Of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

NATIONAL HIGHWAY INSTITUTE
Training Solutions for Transportation Excellence

Brian Johnson

has participated in

FHWA-NHI-130055 Safety Inspection of In-Service Bridges

hosted by
Office of State Aid Road Construction

Date: December 5-16, 2011
Location: Jackson, Mississippi

Hours of Instruction: 60

Instructor

Instructor

Local Coordinator

Richard Barnaby, Director
National Highway Institute



U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

nhi 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
Location: Virtual Delivery, LA

Hours of Instruction: 18

Digitally signed by Cailein A. MacDougall, P.E. Date: 2021.04.27 13:47:37 -04'00'

Instructor

Randall Leonard, P.E. Digitally signed by Randall Leonard, P.E. Date: 2021.04.22 14:23:51 -05'00'

Instructor

Allison H. Landry

Local Coordinator

Thomas Harman

Thomas Harman, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

nhi national highway institute

Brian Johnson

has Successfully Completed

FHWA-NHI-130078 Fracture Critical Inspection Techniques for Steel Bridges

hosted by

Office of State Aid Road Construction

Date: *February 07-10, 2023*
Location: *Ridgeland, MS*

Hours of Instruction: 25

Instructor

Instructor

Local Coordinator

Thomas Harman, Director
National Highway Institute

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THIS CERTIFICATE HEREBY RECOGNIZES THAT

John Krebs
has attended
Traffic Control Supervisor-LA State Specific
Training Course

11/30/2022 to 11/30/2026
Training Valid Through

Baton Rouge, LA
Location

Director of Training

President, CEO

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John Krebs
has attended
Traffic Control Technician-LA State Specific
Training Course

11/29/2022 to 11/29/2026
Training Valid Through

Baton Rouge, LA
Location

Director of Training

President, CEO

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Federal Highway Administration

National Highway Institute

Certificate of Training

NHI NATIONAL HIGHWAY INSTITUTE
Training Solutions for Transportation Excellence

John Krebs

has participated in

NHI Course No. 130055 -
Safety Inspection of In-Service Bridges

hosted by

LA DOTD/LTRC

Date: **April 30-May 11, 2012**
Location: **Baton Rouge, LA**

Hours of Instruction: **67**

Instructor

Instructor

Local Coordinator

Richard Barnaby, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

John P. Krebs

has Successfully Completed

FHWA-NHI-130053 Bridge Inspection Refresher Training

hosted by

Office of State Aid Road Construction

Date: *August 30-September 01, 2022*
Location: *Ridgeland, MS*

Hours of Instruction: 18

Instructor

Instructor

Local Coordinator

Thomas Harman, Director
National Highway Institute

Certificate of Completion

presented to

Joseph Cains III

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Joseph Cains III
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

Director of Training

President, CEO

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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

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*

U.S. Department of Transportation
Federal Highway Administration

nhi national highway institute

CERTIFICATE OF TRAINING

Carl Gaudry

has successfully completed

NHI Course 130053

Bridge Inspection Refresher Training

Date: 05/14/2026
Location: Baton Rouge
Instructor(s): Cailein MacDougall, Brett Sposito

Instructional Hours: 22

Stacey J. Caston
Stacey J. Caston, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

nhi national highway institute

Certificate of Training

CARL GAUDRY

has participated in

FHWA-NHI-130056 Safety Inspection of In-Service Bridges for Professional Engineers

hosted by

LA DOTD/LTRC

Date: October 11-15, 2021
Location: Baton Rouge, LA

Hours of Instruction: 34

Instructor
Instructor

Allison H. Landry
Local Coordinator

Thomas Harman
Thomas Harman, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

nhi national highway institute

Certificate of Training

CARL GAUDRY

has participated in

FHWA-NHI-380032A Roadside Safety Design

hosted by

LA DOTD/LTRC

Date: March 19-21, 2024
Location: Baton Rouge, LA

Hours of Instruction: 18

Instructor
Instructor

Allison H. Landry
Local Coordinator

Stacey J. Caston
Stacey J. Caston, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

HEATHER DEARE

has Successfully Completed

FHWA-NHI-130053 Bridge Inspection Refresher Training

hosted by

LA DOTD/LTRC

Date: *January 10-12, 2023* *Hours of Instruction:* 18
Location: *Baton Rouge, LA*

Instructor
Instructor

Local Coordinator
Thomas Harman, Director
National Highway Institute

U.S. Department Of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

NATIONAL HIGHWAY INSTITUTE
Training Solutions for Transportation Excellence

KUNAL MALPANI

has participated in

FHWA-NHI-130055 Safety Inspection of In-Service Bridges

hosted by

Office of State Aid Road Construction

Date: *July 14-25, 2014* ***Hours of Instruction:*** 67
Location: *Jackson, Mississippi*

Instructor
Instructor

Local Coordinator
Richard Barnaby, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

NATIONAL HIGHWAY INSTITUTE

HEATHER PATTON

has participated in

FHWA-NHI-130056 Safety Inspection of In-Service Bridges for Professional Engineers

hosted by

LA DOTD/LTRC

Date: *May 13-17, 2019* *Hours of Instruction:* 34
Location: *Baton Rouge, LA*

Instructor
Instructor

Local Coordinator
Michael Davies, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

HEATHER DEARE

has Successfully Completed

FHWA-NHI-130078

Fracture Critical Inspection Techniques for Steel Bridges

hosted by

LA DOTD/LTRC

Date: *October 24-27, 2023* *Hours of Instruction:* 25
Location: *Baton Rouge, LA*

Instructor
Instructor

Local Coordinator
Stacey J. Caston, Director
National Highway Institute

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

Kunal Malpani

has successfully completed

FHWA-NHI-130053 Bridge Inspection Refresher Training

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Louisiana Department of Transportation and Development

Date: *June 25-27, 2024* *Hours of Instruction:* 22
Location: *Baton Rouge, LA*

Mark Nyerges — Digitally signed by Mark Nyerges Date: 2024.07.10 15:35:44 -04'00'
Instructor

Earl Dubin — Digitally signed by Earl Dubin Date: 2024.07.11 10:19:31 -04'00'
Instructor

Allison Landry
Local Coordinator

Stacey Caston — Saved to this PC
Stacey Caston, Director
National Highway Institute

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THIS CERTIFICATE HEREBY RECOGNIZES THAT

Bagyalakshmi Shanmugam
has attended
Traffic Control Technician-LA State Specific
Training Course

11/29/2022 to 11/29/2026
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Director of Training

Baton Rouge, LA
Location

President, CEO

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Certificate of Training

Bagyalakshmi Shanmugam

has successfully completed

FHWA-NHI-130055 Safety Inspection of In-Service Bridges

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Louisiana Department of Transportation & Development

Date: *March 31 - April 11, 2025* *Hours of Instruction:* 68
Location: *Baton Rouge, LA*

Richard Kerr — Digitally signed by Richard Kerr Date: 2025.04.21 10:47:31 -04'00'
Instructor

Matthew Donahue — Digitally signed by Matthew Donahue Date: 2025.04.21 10:51:35 -04'00'
Instructor

Allison Landry
Local Coordinator

Stacey Caston
Stacey Caston, Director
National Highway Institute

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Bagyalakshmi Shanmugam
has attended
Traffic Control Supervisor-LA State Specific
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Location

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

2/7/2023 to 2/7/2027
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Baton Rouge, LA
Location

Vice President of Education and Technical Services

President, CEO

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THIS CERTIFICATE HEREBY RECOGNIZES THAT

Hannah Krebs
has attended
Traffic Control Supervisor Refresher-LA State Specific
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6/24/2022 to 6/24/2026
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Mary O'Rourke
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Training Course

2/8/2023 to 2/8/2027
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Baton Rouge, LA
Location

Vice President of Education and Technical Services

President, CEO

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THIS CERTIFICATE HEREBY RECOGNIZES THAT

Joseph Lefante
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course

6/24/2022 to 6/24/2026
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Baton Rouge, LA
Location

Director of Training

President, CEO

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Certificate of Completion

presented to

Joey Lefante

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: July 16, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

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

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Scott Hoffeld

for completing the

Traffic Engineering Analysis Process & Report
Module 3

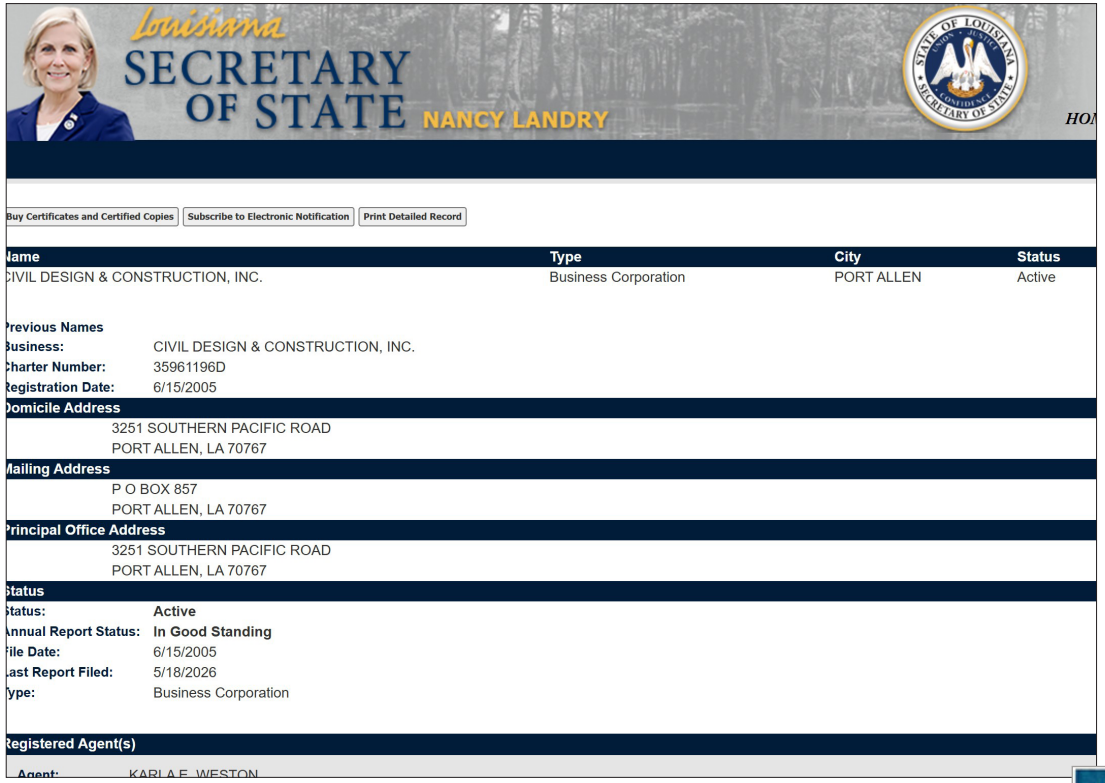
Date: March 11, 2021
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor | *Authorized Instructor* | *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

CIVIL DESIGN & CONSTRUCTION, INC.



Louisiana SECRETARY OF STATE NANCY LANDRY

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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



ATSSA American Traffic Safety Services Association
SAFER ROADS SAVE LIVES

This is to affirm that

CHRIS BALLARD

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 2/29/2024
Exp. Date 2/29/2028
State Issued LA

Debbie Purcella
Instructor Name
Debbie Purcella
Instructor Signature

V0000287042 Verify at Flagger.com



ATSSA
Safer Roads Save Lives

Christopher Ballard

has attended
Louisiana Traffic Control Supervisor Refresher

Completed: 14-MAR-2025

CEU (If Applicable): 0.75

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This certificate provides proof of training, not certification.



ATSSA
Safer Roads Save Lives

Scott Benton

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.

ATSSA CERTIFIED



ATSSA
SAFER ROADS SAVE LIVES
American Traffic Safety Services Association

This is to affirm that

SCOTT BENTON

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 2/2/2024
Exp. Date 2/2/2028
State Issued LA

Debbie Purcella
Instructor Name
Debbie Purcella
Instructor Signature

V0000258961
Verify at Flagger.com



ATSSA
SAFER ROADS SAVE LIVES
American Traffic Safety Services Association

This is to affirm that

MADISON MILLS

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 8/1/2023
Exp. Date 8/1/2027
State Issued LA

Debbie Purcella
Instructor Name
Debbie Purcella
Instructor Signature

V0000201560
Verify at Flagger.com



ATSSA TRAINED

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Madison Mills
has attended
Louisiana Traffic Control Supervisor
Training Course

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

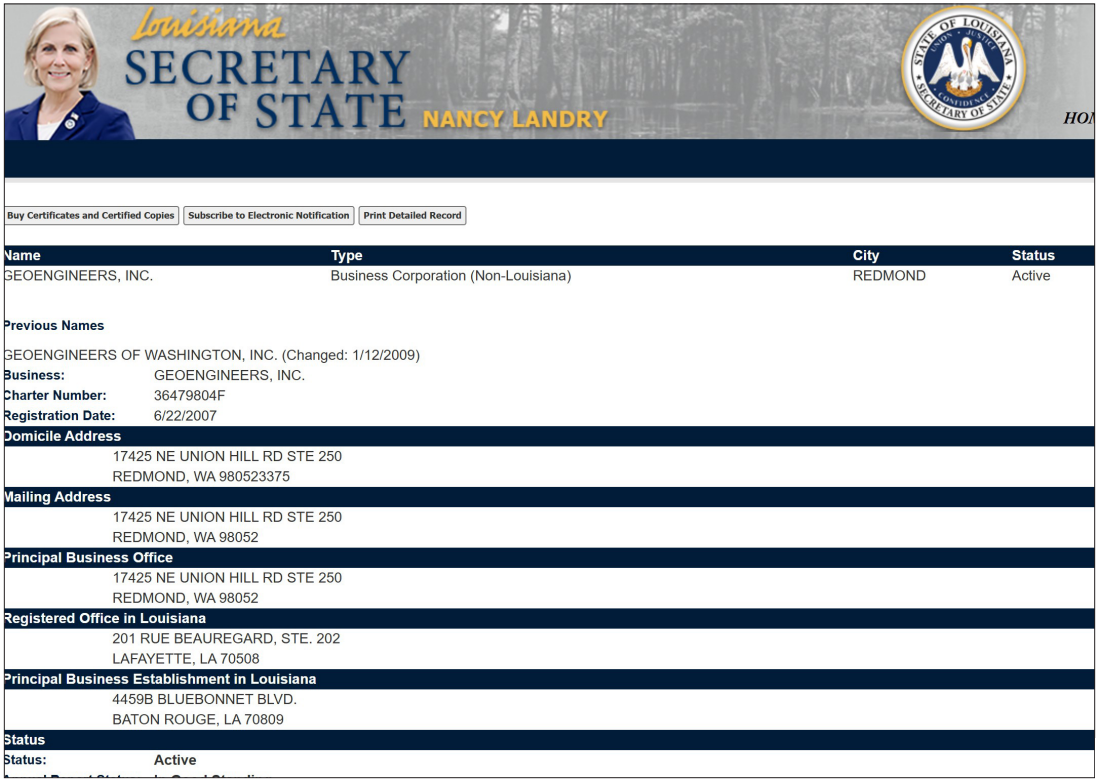
Baton Rouge, LA
Location

Vice President of Education and Technical Services

President, CEO

ATSSA American Traffic Safety Services Association ATSSA.com

GEOENGINEERS, INC.



Louisiana SECRETARY OF STATE NANCY LANDRY

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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: 36479804F
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
4459B BLUEBONNET BLVD.
BATON ROUGE, LA 70809

Status
Status: Active



ATSSA TRAINED

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

Vice President of Education and Technical Services

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com



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

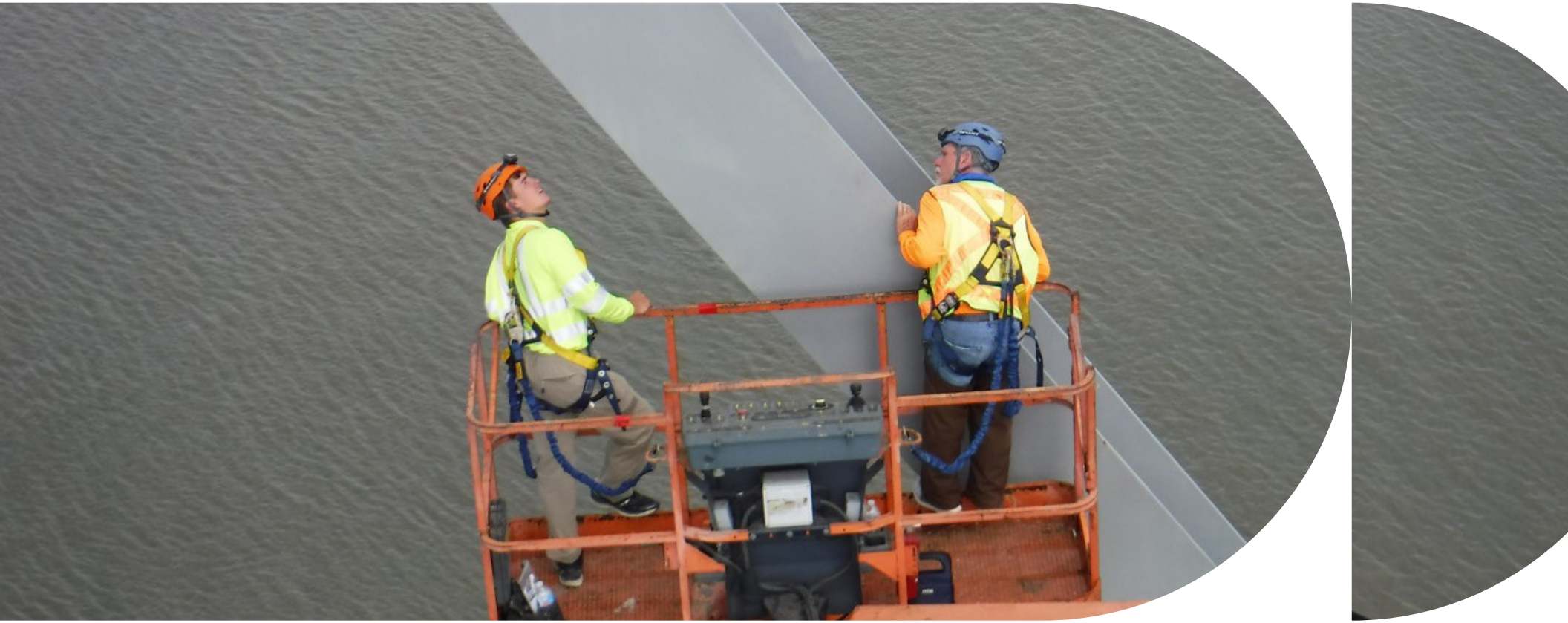
21. **QA/QC Plan:**
If the advertisement requires submission of a QA/QC plan or Work plan, include them here. Otherwise, leave this section blank. If a QA/QC plan is included in this section and was not required by the advertisement, it will be redacted.

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
Civil Design & Construction, Inc.	PO Box 857 Port Allen, LA 70767	Karla E. Weston, PE Kweston@cdcbr.com	(225) 765-1802
GeoEngineers, Inc.	11923 Sun Belt Court Baton Rouge LA 70809	Larry Sant, PE LSant@geoengineers.com	(225) 663-1522

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.**

US 84 Bridge Repairs



Stantec is a global leader in sustainable architecture, engineering, and environmental consulting. The diverse perspectives of our partners and interested parties drive us to think beyond what's previously been done on critical issues like climate change, digital transformation, and future-proofing our cities and infrastructure. We innovate at the intersection of community, creativity, and client relationships to advance communities everywhere, so that together we can redefine what's possible.