



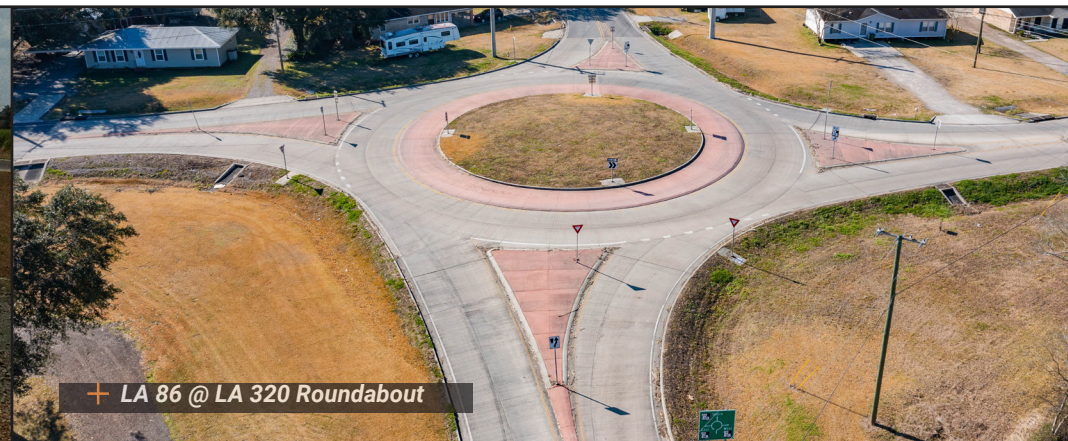
# IDIQ CONTRACT FOR ROADWAY DESIGN SERVICES DISTRICT 03

**CONTRACT NO. 4400024832**

Prepared for  
LOUISIANA DEPARTMENT OF  
TRANSPORTATION AND DEVELOPMENT

Prepared by  
STANTEC CONSULTING SERVICES INC.

SEPTEMBER 29, 2022



# DOTD FORM: 24-102


(Revised March 1, 2022)

## PROPOSAL TO PROVIDE CONSULTANT SERVICES

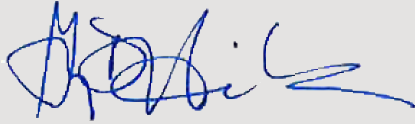
Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.

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

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

1.	Contract title as shown in the advertisement.	<b>IDIQ Contract for Roadway Design Services District 03</b>
2.	Contract number(s) as shown in the advertisement	No. 4400024832
3.	State Project Number(s), if shown in the advertisement	N/A
4.	Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	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	<b>Gary Heitman, PE, Senior Principal</b> (225) 215-5105   gary.heitman@stantec.com
9.	Name title, phone number, and email address of the official with signing authority for this proposal	<b>Gary Heitman, PE, Senior Principal</b> (225) 215-5105   gary.heitman@stantec.com



10.	<p>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.</p>	<p><b>Signature (shall be the same person as #9):</b></p>  <hr/> <p>Date: September 29, 2022</p>	
11.	<p>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.</p>	<p><u>Firms(s)</u> Civil Design &amp; Construction, Inc.</p>	<p><u>Firm(s) %:</u> 10%</p>

12. **Past Performance Evaluation Discipline Table:**

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

The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other. The crosswalk from the old categories to the new categories can be found at the link below: [http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/CCS/General%20Information/CPPR%20Crosswalk%20to%20New%20Evaluation%20Disciplines.pdf](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/General%20Information/CPPR%20Crosswalk%20to%20New%20Evaluation%20Disciplines.pdf).

**Sub-consultants are allowed to be used for this proposal.** Fill in the table by identifying only those evaluation disciplines consistent with the approach and methodology proposed in Section 19 of the DOTD Form 24-102\*, the name of each firm that is part of the proposal, and the percentage of work in each past performance evaluation discipline to be performed by that firm. The percentage estimated for each evaluation discipline is for evaluation purposes only and will not control the actual performance or payment of the work. The percentages for the prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as the overall total percent of the contract.  
(Add rows as needed)

Evaluation Disciplines	% of Overall Contract	Stantec Consulting Services Inc. (Prime)	Civil Design & Construction, Inc.
★ Road	79%	100%	0%
★★ Bridge	10%	100%	0%
Survey	7%	0%	100%
Right-of-Way	3%	0%	100%
CPM	1%	100%	0%
Identify the percentage of work for the <b>overall contract</b> to be performed by the prime consultant and each sub-consultant.			
Percent of Contract	100%	90%	10%

★ Includes Prelim. and Final Roadway Plans, Estimates, Hydraulic Analysis and Design, Road Design Services for Environmental, Special Provision Write-ups, TMPs, Quality Plan Reviews, Pre-bid Services and Roadway Construction Support

★★ Includes Bridge Design, non-standard box culverts, sign trusses, bridge hydraulic and load ratings.



13. **Firm 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 (xxxx)" and include the classification title inside the parentheses. The DOTD Job Classification(s) to be used can be found at the following link:

[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/CCS/Job\\_Qualification/Job%20Classifications%20with%20Descriptions.pdf](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf)

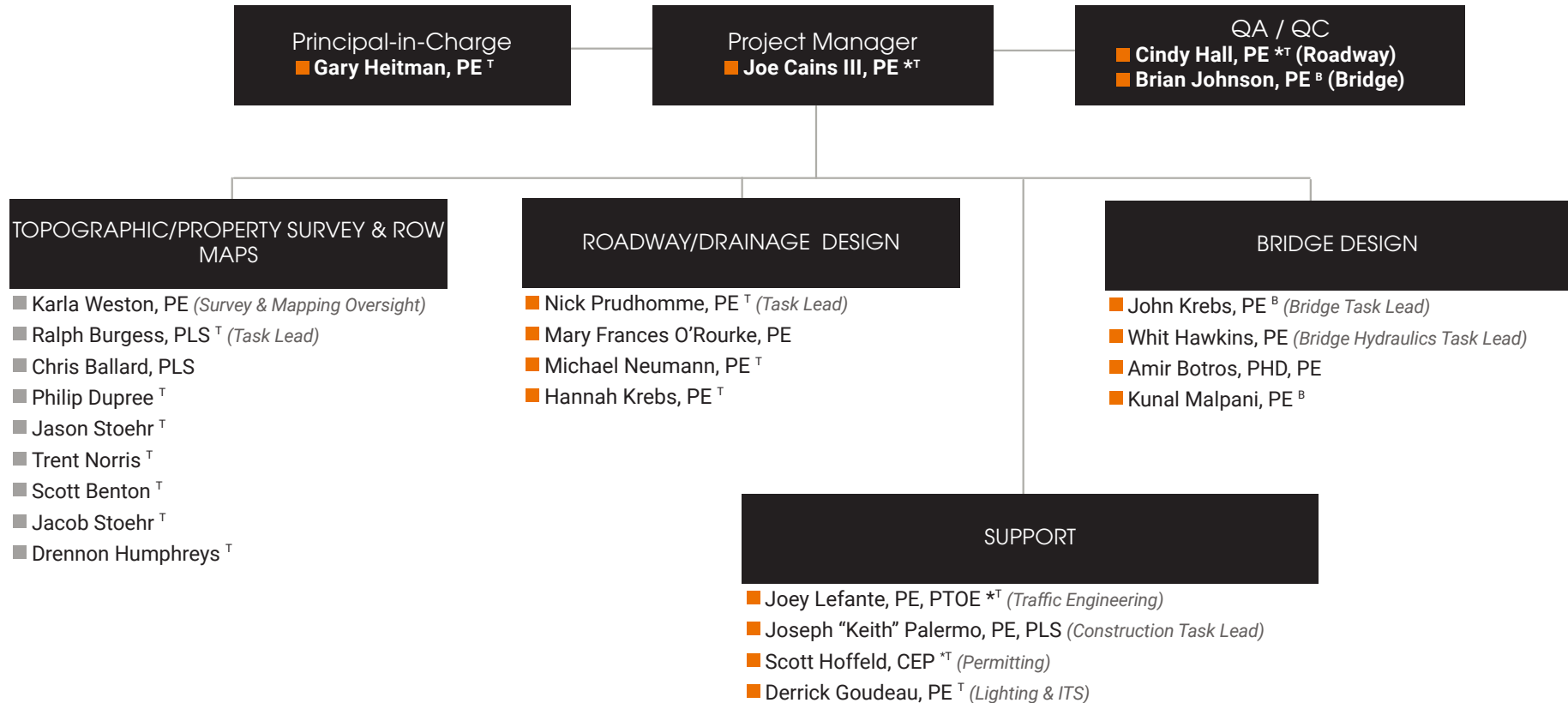
Firm Name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
Stantec Consulting Services Inc.	Principal	1	3
Stantec Consulting Services Inc.	Supervisor - Eng	2	2
Stantec Consulting Services Inc.	Engineer	4	19
Stantec Consulting Services Inc.	Engineer Intern	6	6
Stantec Consulting Services Inc.	Senior Technician	3	5
Stantec Consulting Services Inc.	CADD Technician	1	3
Stantec Consulting Services Inc.	Administrative	1	2
Stantec Consulting Services Inc.	Planner	1	2
Civil Design & Construction, Inc. (CDC)	Supervisor Engineer	1	1
Civil Design & Construction, Inc. (CDC)	Engineer Intern	1	1
Civil Design & Construction, Inc. (CDC)	Surveyor	2	2
Civil Design & Construction, Inc. (CDC)	Party Chief	3	5
Civil Design & Construction, Inc. (CDC)	Instrument Man	2	3
Civil Design & Construction, Inc. (CDC)	Rodman	2	2
Civil Design & Construction, Inc. (CDC)	CADD Operator	1	1
Civil Design & Construction, Inc. (CDC)	Senior Technician	3	5
Civil Design & Construction, Inc. (CDC)	Supervisor - Other	1	1

14. **Organizational Chart:**

Provide an organizational chart showing ALL **relevant** prime consultant and sub-consultant (if applicable) personnel assigned to the contract, area of project responsibility for each, and reporting lines for the purposes of this contract. An individual's role does not necessarily have to match their DOTD job classification identified in Section 13. If applicable, identify all personnel performing traffic engineering analysis and/or QC of traffic engineering analysis by placing an asterisk next to their name. Include the certificates required by the Traffic Engineering Process and Report Training Requirements article of the Advertisement in Section 20. It is acceptable to use an 11x17 format for Section 14.







Legend

- Stantec
- Civil Design & Construction, Inc.
- \* Traffic Engineering Process and Report Training
- <sup>T</sup> Has work-zone training
- <sup>B</sup> Meets NBIS Team Leader Criteria



15. **Minimum Personnel Requirements:**


Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR.


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 / certification & number	State of license	License / certification expiration date
1.	Gary Heitman, PE	 Stantec	PE No. 24670	LA	9/30/2024
2.	Gary Heitman, PE	 Stantec	PE No. 24670	LA	9/30/2024
3.	Joe Cains III, PE	 Stantec	PE No. 33670	LA	3/31/2024
	Supporting Staff: Gary Heitman, PE Cindy Hall, PE Nick Prudhomme, PE Mary Frances (Bratton) O'Rourke, PE	 Stantec	PE No. 24670 PE No. 27073 PE No. 35996 PE No. 41444	LA LA LA LA	9/30/2024 9/30/2023 3/31/2023 9/30/2023
4.	Ralph Burgess, PLS	 C&E INCORPORATED	PLS No. 5040	LA	9/30/2024
	Chris Ballard, PLS	 C&E INCORPORATED	PLS No. 5033	LA	9/30/2024

1. At least one (1) principal of the prime consultant shall be a registered professional engineer in the state of Louisiana.
2. At least one (1) principal or other responsible member of the prime consultant shall be currently registered in the state of Louisiana as a professional civil engineer.
3. At least one (1) principal or responsible member of the prime consultant shall be a professional civil engineer, registered in the state of Louisiana, and shall have a minimum of five (5) years of experience in responsible charge of the preparation and the development of roadway design plans.
4. At least one (1) professional land surveyor, registered in the state of Louisiana, shall have a minimum of five (5) years of experience in conducting topographic surveys.





## 16. Staff Experience:

FIRM EMPLOYED BY		Stantec Consulting Services Inc.			
NAME	Joseph "Joe" Cains, III, PE		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER		19
TITLE	Senior Associate		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   03/31/2024			
YEAR REGISTERED	2008	DISCIPLINE	Civil Engineering		
Contract role(s) / brief description of responsibilities	Joe will serve as <b>PROJECT MANAGER</b> for this contract. He has over 19 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 experience with innovative intersections, including roundabouts, DDIs, 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's role for this contract will include Project Management, and his 14+ years of Project Management experience will help him fulfill his role on this contract for contract management (scope, schedule, and budget), client coordination, project coordination, design oversight, and adherence to contract and task order requirements. <b>Joe meets the following Minimum Personnel Requirements (MPRs) as specified in the advertisement for this project: 3</b>				
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc.				
07/15 - Ongoing	<b>I-49 LAFAYETTE CONNECTOR   LADOTD   Lafayette, LA</b> Lead Roadway Engineer. Joe's responsibilities include assisting with the completion of Task 4 Geometrics, of a 15 task project that is being carried out with a team of 15 design firms. Task 4 involves the evaluation and recommendations for previously proposed geometry, (interchanges, intersections, horizontal & vertical alignments, design vehicles & criteria, etc.), investigation of the 5 design modifications recommended during the environmental process (ROD obtained in early 2000s), investigation of 20+ potential design modifications, public coordination, and final design report document development for future segmentation & design of independent utility segments.				
04/15 - 06/18	<b>US 90 AT LA 318 INTERCHANGE DESIGN-BUILD PROJECT   LADOTD   St Mary Parish, LA</b> 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, as well as construction support during the process.				
11/10 - Ongoing	<b>NELSON ROAD EXTENSION AND BRIDGE   LADOTD   Lake Charles, LA</b> <b>Project Manager.</b> Joe served as Project Manager for the Environmental Assessment as well as the Preliminary and Final Design Phases of this project, that proposes 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 3 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.				
08/14 - 08/19	<b>W. PRIEN LAKE ROAD RELOCATION   LADOTD   Lake Charles, LA</b> <b>Project Manager.</b> Joe served as Project Manager for the Preliminary and Final Design Phases of this project, that proposed to realign W. Prien Lake road for approx. 1.4 miles to improve interchange operations at I-210 and Nelson Road. Joe designed the original horizontal and vertical geometry for the project, and later oversaw the final design of the horizontal and vertical geometry, as well as provided general oversight, guidance, and coordination of plan development for the various disciplines involved, including roadway design, drainage design, structural design, traffic signal design, and lighting design performed by a subconsultant.				




03/07 - 12/12	<b>RIVER ROAD (LA 327) RELOCATION FOR PINNACLE CASINO DEVELOPMENT   LADOTD   Baton Rouge, LA</b> Lead Roadway Engineer and <b>Assistant Project Manager</b> . Joe led roadway design and plan development efforts to relocate River Road for approx. 1.1 miles and install three new single-lane roundabout intersections for the proposed development access that mitigated impacts for this \$400M+ casino development (L'Auberge Baton Rouge). In addition to the River Road Relocation effort, he led the management, design, and plan development for 5 offsite intersections also associated with the traffic impact for this development. In addition to designing the horizontal and vertical geometry for these improvements, Joe also designed the drainage elements for the project (paved gutter drains, culvert design, and open ditch design), striping & signage, and maintenance of traffic plans, and also assisted with coordination of utilities and lighting for the project. He was heavily involved in the client coordination and project coordination efforts during the planning of the development. Joe was also heavily involved in the construction phase of the project, including construction support and construction administration.
04/11 - 06/15	<b>I-210: COVE LANE INTERCHANGE AND IMPROVEMENTS PROJECT   LADOTD   Lake Charles, LA</b> <b>Assistant Project Manager</b> 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, maintenance of construction, as well as ROW acquisition, Utility Coordination & Relocation, and implementing environmental commitments into the design. Joe was also involved with the development of the Transportation Management Plan, and the development and approval of several Special Provisions for the project. Lastly, he was heavily involved in the construction process, which included frequent trips to the project site, answering RFIs, and assisting LADOTD with maintaining the project schedule.
07/19 - Ongoing	<b>MOVEBR PROGRAM MANAGEMENT   City of Baton Rouge   Baton Rouge, LA</b> <b>Deputy Program Management</b> . Joe serves as the Deputy Program Manager for Engineering for the \$313M Community Enhancement Program of the overall MOVEBR program. This \$1.1B Program proposes to improve key roadways and roadway corridors by focusing on either adding new capacity or adding community enhancement features in various areas throughout the parish. Joe's responsibilities include the oversight and compliance with MOVEBR guidelines, management of Project Managers for the 23 planned projects and sub-programs associated with the Community Enhancement Program. Joe is also heavily involved in the procurement phase for projects, providing assistance to the Engineer & Survey Selection Board thorough the planning, prioritization, advertisement, selection, and procurement of professional service firms. Lastly, Joe manages the QC Review Team, ensuring that design reviews are properly facilitated with subject matter experts, and ensuring that comments are properly adjudicated and coordinated if conflicts arise. Joe also ensures that policies are processes are properly followed, and that contract scope requirements are fulfilled prior to moving to the next phase of project delivery.
08/19 - Ongoing	<b>I-10/LOYOLA INTERCHANGE DESIGN-BUILD   LADOTD   New Orleans, LA</b> Lead Roadway Engineer. Joe serves as lead roadway engineer of this multimillion-dollar design-build project that will improve access and traffic operations to and around the new Northfield Terminal at the New Orleans International Airport. Project consists of a Diverging Diamond Interchange and flyover ramps leading to/ from the Airport on the east side of the interchange.
11/09 - 08/12	<b>I-12 WIDENING DESIGN-BUILD   LADOTD Contract No. 454-02-0071   Livingston Parish, LA</b> Roadway Engineer. Joe was responsible for Stantec's roadway design efforts to widen a four-mile stretch of Interstate. Design included widening, removal, overlay and replacement of various pavement sections, ramp deceleration lane improvements, and widening of the Gray's Creek Bridge, and the 4-H Club Road and Range Avenue overpasses. The project required extensive maintenance of traffic and traffic control plans on this heavily traveled stretch of interstate.
03/17 - Ongoing	<b>PERKINS ROAD (SIEGEN TO PECUE) WIDENING TRAFFIC STUDY, ENVIRONMENTAL ASSESSMENT (EA), PRELIMINARY PLANS, FINAL PLANS AND RIGHT-OF-WAY MAPS   City of Baton Rouge Contract 12-CS-HC-0015   Baton Rouge, LA</b> QC Manager. Under the MOVEBR Program, Stantec is currently completing 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. Final plans for this project should be completed by the end of 2022.

FIRM EMPLOYED BY		Stantec Consulting Services Inc.			
NAME	Gary Heitman, PE		YEARS OF RELEVANT EXPERIENCE WITH THIS EMPLOYER		23
TITLE	Senior Principal		YEARS OF RELEVANT EXPERIENCE WITH OTHER EMPLOYER(S)		12
DEGREE(S) / YEARS / SPECIALIZATION		BS   1986   Civil Engineering			
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 24670   LA   9/30/2024			
YEAR REGISTERED	1992	DISCIPLINE	Civil Engineering		
Contract role(s) / brief description of responsibilities	Gary will serve as <b>PRINCIPAL-IN-CHARGE</b> for this contract. He has over 35 years of experience and led our Highway Division for over 23 years leading various project types, including interstates and interchanges, arterials and collector highways, local roads, bridge replacement projects, roundabouts and other similar transportation systems, on both existing highway alignments and new locations. His experience includes traditional and alternative delivery types as well as Construction Administration services,allowing him to apply lessons learned in the construction arena to the design process and thereby provide a more comprehensive deliverable. He is currently serving as the leader of the entire Baton Rouge office. Gary's role for this contract will include client management and support and general contract oversight. <b>Gary meets the following Minimum Personnel Requirements (MPRs) as specified in the advertisement for this project: 1, 2. He's also available to support MPR #3 if needed.</b>				
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).				
07/15 - Ongoing	<b>I-49 LAFAYETTE CONNECTOR   LADOTD Contract No. H.004273.5   Lafayette, LA</b> Assistant Program Manager and Geometrics Task Manager. Gary is assisting with the Program Management task, including overseeing the implementation of an extensive QC/QA plan. Managing geometric design of the corridor, which includes segments of at-grade and elevated mainline, frontage roads, urban interchanges and slip ramps, as well as connections/modifications to the existing roadway network. Geometric team's task includes conceptual constructability and maintenance of traffic plans, conceptual drainage design, and estimates of probable construction costs throughout the project.				
04/15 - 06/18	<b>US 90 AT LA 318 INTERCHANGE DESIGN-BUILD   LADOTD   St. Mary Parish, LA</b> Roadway Independent QC. This project constructed a diamond interchange to replace the current at-grade signalized intersection of US90 and LA 318, as well as frontage roads and ramps through the project limits. Gary assisted with alternatives to the concept presented in the RFP. Performed independent QC and assurance reviews on the roadway design packages.				
10/12 - 09/17	<b>LADOTD RETAINER CONTRACT FOR ROADWAY PROJECTS   LADOTD H.4400002748   Statewide, LA</b> Project Manager. Gary provided project management throughout the duration of this retainer that included the completion of the following projects: Essen Lane Widening, Government Street and West Prien Lake Road Relocation. He was involved in all project meetings, supervised the design, plan development and the preparation of exhibits, coordinated directly with LADOTD and City personnel to ensure the project schedules, quality goals and other LADOTD requirements were met. Gary supervised all phases of work including: completion of the environmental phase, development of final roadway, signal, and bridge plans, and continued coordination with all parties to ensure timely delivery of the final construction documents.				
02/13 - 07/16	<b>LADOTD RETAINER CONTRACT FOR TRAFFIC ENGINEERING ROAD MANAGEMENT   LADOTD H.4400002748   Statewide, LA</b> Contract Manager and QA/QC. Under this retainer, Stantec designed five roundabout projects, including: Cleo Road, US 79 Bypass at LA 9, LA 75 Roundabouts (Plaquemine), LA 86 & LA 320 Roundabout (New Iberia) and LA 447 / I-12 Interchange. Gary managed the contract, performed QA/QC, provided geometric guidance and oversight during plan development				
11/10 - Ongoing	<b>NELSON ROAD EXTENSION AND BRIDGE   LADOTD   Lake Charles, LA</b> Roadway Division Manager. Gary oversaw the design effort for this new high-level bridge and approaches over Contraband Bayou, a navigable waterway in the Lake Charles area. This will provide a crucial link to downtown and the Port of Lake Charles by extending Nelson Road over Contraband Bayou to West Sallier Street.				







<b>04/11 - 06/15</b>	<b>I-210: COVE LANE INTERCHANGE AND IMPROVEMENTS PROJECT   LADOTD   Lake Charles, LA</b> Roadway Division Manager. Gary oversaw the roadway design efforts on this fast-paced project to improve access to the casino site located on I-210 between Cove Lane and Nelson Road Interchanges. Stantec led the initial study regarding appropriate access needs to and from the casino along I-210 as prior access to the site was not sufficient for the expected increase in traffic. Deliverables included a final report meeting all LADOTD requirements for a traffic impact study based on the proposed development and Stage 0 requirements for long-term improvements at the I-210/Cove Lane and I-210/Nelson Road interchanges, in each case reflecting all agency comments with no outstanding comments or further review required.
<b>08/19 - Ongoing</b>	<b>I-10/LOYOLA INTERCHANGE DESIGN-BUILD   LADOTD   New Orleans, LA</b> Roadway Design QC. Gary is providing roadway design quality control for this multimillion-dollar project that will improve access and traffic operations to and around the new Northfield Terminal at the New Orleans Airport. This project consists of a Diverging Diamond Interchange, in addition to flyover ramps leading to/ from the Airport on the east side of the interchange.
<b>08/05 - 12/13</b>	<b>STARING LANE EXTENSION AND BRIDGE   City of Baton Rouge   Baton Rouge, LA</b> Roadway QA/QC. This GLP project required a design study and plan development for a new four-lane urban boulevard with a 30-foot median with subsurface drainage, sidewalks, and traffic signals. Gary's responsibilities included technical assistance in the study and design phases, QA/QC of roadway plans, and participation in regular project meetings as well as public meetings.
<b>01/18 - Ongoing</b>	<b>DIJON DRIVE PHASE I &amp; PHASE II   City of Baton Rouge   Baton Rouge, LA</b> Project Manager. Stantec designed this roadway on new alignment for the City of Baton Rouge as an access roadway to the new Our Lady of the Lake Children's Hospital. This fast-paced project includes 4-lane divided roadway on new alignment, sanitary sewer force main, subsurface drainage, signalization and off-site intersection improvements. Gary led the team in the environmental study, line and grade, and the current design/plan development phases of the project. He also led construction support services for Phase I provided by Stantec.
<b>11/09 - 08/12</b>	<b>I-12 WIDENING DESIGN-BUILD   LADOTD Contract No. 454-02-0071   Livingston Parish, LA</b> Project Design Manager. Gary was responsible for coordination of design and plan development efforts to widen this four-mile stretch of Interstate, from the Amite River to the Juban Road interchange, as part of the selected Design-Build team. Project design elements included widening, removal, overlay, and replacement of various pavement sections, ramp deceleration lane improvements, interchange lighting, permanent signing, permanent concrete median barrier, median subsurface drainage, and widening of the Gray's Creek Bridges and the 4-H Club Road and Range Avenue overpasses. The project required erosion control plans addressing storm water runoff during construction, as well as extensive maintenance of traffic and traffic control plans for this heavily traveled stretch of interstate and connecting ramps. In addition to the design and plans developed for the construction elements, Gary was actively involved in construction progress meetings, and assisted the contractor during construction, after designs and plans were approved, working with the team to address construction questions and issues in the field. At the completion of construction, as-built plans and electronic files were created for the project, again with Gary serving as the Project Design Manager for all of the plan and design elements.
<b>03/07 - 12/12</b>	<b>RIVER ROAD (LA 327) RELOCATION FOR PINNACLE CASINO DEVELOPMENT   LADOTD   Baton Rouge, LA</b> QA/QC Lead and Design Oversight. Gary provided oversight and guidance for design of the relocation of Louisiana 327 (River Road) for about a 1-mile segment in order to create a more contiguous site for development. During planning, design, and construction phases of the roadway work, he provided extensive coordination with the LADOTD Headquarters and District 61 staff, to ensure timely plan approvals and permitting. He provided QC reviews for the roadway plans and documents prepared by staff under his direct supervision, and answered questions that arose during construction. In addition, plans for off-site improvements identified in the Traffic Impact Study, including several intersections, were developed. Gary's roles for the offsite work included direct oversight of the roadway design and plan development, as well as QA/QC support and assistance with the LADOTD permitting process. Gary also developed a wayfinding signage plan directing traffic from I-10 approximately 13 miles along various state highways to the site, and assisted the developer with obtaining LADOTD input and approvals for this additional signage.


FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Cindy Hall, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	30	
TITLE	Principal, Transportation Infrastructure Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	0	
DEGREE(S) / YEARS / SPECIALIZATION		BS   1992   Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 27073   LA   09/30/2023		
YEAR REGISTERED	1997	DISCIPLINE	Civil Engineering	
Contract role(s) / brief description of responsibilities	Cindy's 30 years of experience have included the design and project management of various civil and transportation projects. As Roadway Division Manager, Cindy manages the productivity of the roadway staff and oversees the quality of the plans and specifications developed by the Roadway Division. She has also served as project manager on many transportation projects including interstate and interchange improvements, rural arterials, and urban roadways with subsurface drainage and traffic signalization. Cindy has been involved in numerous projects implementing innovative geometric solutions including continuous flow intersections, a diverging diamond interchange and roundabouts. She has also recently been involved in three Design-Build projects for LADOTD. In addition to her transportation experience, Cindy has designed and managed many wastewater pipeline and pump station projects over the course of her career. Cindy will serve as <b>QA/QC - ROADWAY</b> for this contract. <b>Cindy meets the Minimum Personnel Requirements (MPRs) #3 and is available for support if needed.</b>			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc.			
05/15 - 06/18	<b>US 90 AT LA 318 INTERCHANGE DESIGN-BUILD   LADOTD   St. Mary Parish, LA</b> Design Manager. Cindy managed the design for this Design-Build project which improved the intersection of US 90 at LA 318 to a grade separated interchange and brought US 90 up to interstate standards as a part of the Future I-49 Corridor. The project included dual overpass bridges, ramps, and frontage road relocations. Stantec proposed an alternative technical concept to the proposed alternative in the RFP. This ATC conserved right of way and lessened impacts to the community and the environment, and saved construction cost. Stantec was also responsible for acquiring the right of way while construction was ongoing. Cindy also managed the relocation of utilities during construction and designed water and sewer relocations for St. Mary Parish. Stantec remained involved throughout construction and participated in resolving design and construction non-conformance issues and requests for information. Construction was complete in January of 2018.			
10/09 - 06/11	<b>US 90 AT LA 85 INTERCHANGE DESIGN-BUILD   LADOTD Contract No. 424-04-0032   Iberia Parish, LA</b> Design Quality Control Manager. Cindy led the design QC effort for this project to elevate the rural arterial to urban interstate standards. The Design-Build Team designed upgrades involving construction of a concrete girder span bridge over Louisiana 85 along the US 90 corridor, an extensive rehabilitation of frontage roads and ramps, and the installation and upgrade of permanent drainage structures. As Design Quality Control Manager, Cindy was responsible for developing the Design Quality Control Manual, managing the Design Quality Control Reviews, responding to comments, holding design review meetings, distributing plan submittals, and documenting quality control records. During construction, she was responsible for adherence to the construction plans and the resolution of design non-conformance reports. Construction was completed, and the interchange opened to the public, in June 2011.			
05/12 - 12/21	<b>GOVERNMENT STREET ROAD DIET: STUDY THROUGH FINAL DESIGN   LADOTD   Baton Rouge, LA</b> Project Manager. Cindy managed the evaluation of alternatives during the environmental phase for this 4 mile portion of Government Street. She attended public meetings, managed public preliminary and final plan development phases. Cindy coordinated with LADOTD, City of Baton Rouge, BREC, CATS and other project stakeholders. The project rehabilitates and restripes existing roadway from a 4-lane section to a 3-lane section (Road Diet). Restriping the roadway allows the reclaimed pavement to be used to provide multi-modal and streetscape improvements. Bike lane improvements and vegetative median islands were added to the corridor and sidewalks were brought up to ADA compliance. This project includes a single-lane roundabout with bypass lanes designed for the Lobdell Avenue intersection, complete street improvements, access management and community enhancements. Cindy provided construction support services during construction, which was completed at the end of 2021.			

<b>11/12 - Ongoing</b>	<p><b>PERKINS ROAD (SIEGEN TO PECUE) WIDENING TRAFFIC STUDY, ENVIRONMENTAL ASSESSMENT (EA), PRELIMINARY PLANS, FINAL PLANS AND RIGHT-OF-WAY MAPS   City of Baton Rouge Contract 12-CS-HC-0015   Baton Rouge, LA</b></p> <p>Project Manager. This project initially included an EA and Preliminary Plans for improving 3.4 miles of Perkins Road (LA 427) from the existing 2-lane roadway to a 4-lane divided curb and gutter roadway with raised median, sidewalk, sewer and subsurface drainage. During the EA phase, Cindy was responsible for Line and grade alternatives study, stakeholder coordination, public outreach, led EA phase, preliminary plans (geometry, drainage, sequence of construction, signalization, preliminary construction cost estimate) and final ROW maps. Under the MOVEBR Program, Stantec is currently completing 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. Final plans for this project should be completed by the end of 2022.</p>
<b>08/19 - Ongoing</b>	<p><b>I-10/LOYOLA INTERCHANGE DESIGN-BUILD   LADOTD   New Orleans, LA</b></p> <p>Design Manager. Cindy manages this multimillion-dollar project that will improve access and traffic operations to and around the new Northfield Terminal. Cindy is overseeing the design and plan preparation efforts to add two directional ramps, I-10 Westbound to Loyola Southbound &amp; Loyola Northbound to I-10 Eastbound. Cindy has worked with the contractor to develop phased construction plans and design unit plan sets to construct critical path items first. She has worked with the D-B team to implement cost/schedule savings through design modifications and alternative material selections.</p>
<b>04/11 - 06/15</b>	<p><b>I-210: COVE LANE INTERCHANGE AND IMPROVEMENTS PROJECT   LADOTD   Lake Charles, LA</b></p> <p>Roadway Engineer. Cindy was responsible for the sequence of construction and maintenance of traffic plans for this complex tight diamond interchange which required ramps elevated on MSE walls, two new bridges and surface street improvements including a new roundabout. Cindy was also responsible for the Level 2 Transportation Management Plan required for the project including safety and traffic analyses and traffic management strategies.</p>
<b>01/18 - 08/18</b>	<p><b>DIJON DRIVE PHASE I &amp; PHASE II   City of Baton Rouge   Baton Rouge, LA</b></p> <p>Quality Control. Stantec designed this roadway on new alignment for the City of Baton Rouge as an access roadway to the new Our Lady of the Lake Children's Hospital. This fast-paced project includes 4-lane divided roadway on new alignment, sanitary sewer force main, subsurface drainage, signalization and off-site intersection improvements. Cindy was responsible for quality control during the course of this project which was broken into 2 phases. Cindy reviewed each phase of work two times and offered comments before major milestone submittals.</p>
<b>11/09 - 08/12</b>	<p><b>I-12 WIDENING DESIGN-BUILD   LADOTD Contract No. 454-02-0071   Livingston Parish, LA</b></p> <p>Lead Roadway Engineer. Cindy was responsible for Stantec's roadway design efforts to widen a four-mile stretch of Interstate, from the Amite River to the Juban Road interchange. Design included widening, removal, overlay and replacement of various pavement sections, ramp deceleration lane improvements, and widening of the Gray's Creek Bridge, and the 4-H Club Road and Range Avenue overpasses. The project required extensive maintenance of traffic and traffic control plans on this heavily traveled stretch of interstate. In addition to designing the construction plans, Cindy was actively involved in the construction phase, assisting the contractor by developing quality, cost-effective solutions that met or exceeded contract scope requirements.</p>
<b>08/05 - 12/13</b>	<p><b>STARING LANE EXTENSION AND BRIDGE   City of Baton Rouge   Baton Rouge, LA</b></p> <p>Project Manager. This GLP project required a design study and plan development for a new four-lane urban boulevard with a 30-foot median with subsurface drainage, sidewalks, and traffic signals. Cindy led construction plan development and design of preliminary and final plans including geometrics, intersections, earthwork modeling, striping, quantities, signal design, sanitary sewer force main design and quality control. She also attended public meeting and coordinated with City and sub-consultants.</p>
<b>07/19 - Ongoing</b>	<p><b>MOVEBR PROGRAM MANAGEMENT   City of Baton Rouge   Baton Rouge, LA</b></p> <p>Quality Control Project Reviewer. Cindy serves as QC Project Reviewer concentrating on Roadway and Complete Streets reviews. Cindy has reviewed design studies, preliminary and final plans, quantities and construction cost estimates for corridor, signal and sidewalk improvement projects.</p>





FIRM EMPLOYED BY		Stantec Consulting Services Inc.			
NAME	Brian Johnson, PE		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER		17
TITLE	Principal, Bridge Division Leader		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   9/30/2024			
YEAR REGISTERED	2004	DISCIPLINE	Civil Engineering		
Contract role(s) / brief description of responsibilities	Brian brings over 22 years of engineering experience specifically related to structural projects and serves as the Structural Section Manager in the Baton Rouge office. His primary expertise lies in analysis, design, rating, inspection, and rehabilitation of bridges. Brian has managed bridge projects with a variety of structure types such as prestressed concrete girders, steel truss vertical lift bridges, long span steel trusses, horizontally curved steel plate girders, concrete box culverts, and retaining walls. He has overseen several NSBI bridge inspection projects and been involved in several hydraulic studies for bridge replacement projects in both Mississippi and Louisiana. Brian will serve as <b>QA/QC - BRIDGE</b> 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.				
07/15 - 06/18	<b>US 90 INTERCHANGE AT LA 318 DESIGN-BUILD   LADOTD   St. Mary Parish, LA</b> Structural QA/QC Manager. Brian served as the structural quality control manager for this design-build project which consisted of a new twin structures and a diamond interchange. This stretch of US 90 has been designated as the future I-49 corridor. The bridges consisted of LG-54 prestressed concrete girder spans with lengths up to 111-ft supported by multi-column concrete bents. Brian performed independent reviews of the reported designs and the proposed construction plans.				
12/15 - Ongoing	<b>NELSON ROAD EXTENSION AND BRIDGE   LADOTD Contract No. H.005967   Lake Charles, LA</b> 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, 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.				
08/14 - 07/19	<b>WEST PRIEN LAKE ROAD RELOCATION   LADOTD   Lake Charles, LA</b> Lead Structural Engineer. Brian was responsible for leading design and plan development efforts for a two-cell, 12-ft x 12-ft reinforced concrete box culvert. The culvert is 117-ft long supporting four travel lanes, a shared use path, and a sidewalk. An architectural railing was installed along the headwall length. Brian oversaw construction administration activities which included reviewing shop drawings, addressing contractor RFIs, and providing construction engineering.				
07/15 - 10/20	<b>I-10 ATCHAFALAYA CLEAN, PAINT &amp; MISC. REPAIRS   LADOTD Contract No. H.009461   St. Martin &amp; Iberville Parishes, LA</b> Project Manager. Brian oversaw plan production, scheduling field activities, reviewing assessment reports, and construction support services. Project included developing repair and rehabilitation plans for approx. 18.5 miles of structure. Structural steel plate girder and prestressed concrete girder spans founded on multi-column concrete bents were the primary structure types. Repair solutions included concrete deck and barrier rail repairs, concrete and steel girder repairs, bridge bearing replacements, and painting existing structural steel.				
08/19 - Ongoing	<b>I-10/LOYOLA INTERCHANGE DESIGN-BUILD   LADOTD Contract No. H.011670   New Orleans, LA</b> Lead Structural Engineer. Brian leads the structural design efforts of two new flyover ramps, one bridge widening, noise barriers, precast box culverts, roadway and pier protection barriers, and miscellaneous structural elements. During design Brian orchestrated a series of meetings with the contractor, fabricators, vendors, and suppliers to optimize and streamline the design. He oversees construction support which includes shop drawing reviews, addressing RFIs, and providing construction engineering services.				
04/11 - 03/15	<b>I-210: COVE LANE INTERCHANGE AND IMPROVEMENTS PROJECT  LADOTD H.010151   Lake Charles, LA</b> Lead Structural Engineer. Brian managed the structural design of a single-span, 130-ft long, prestressed concrete girder bridge along I-210 over Cove Lane and twin concrete slab span bridges over Cline Canal. He provided construction support by reviewing shop drawings, addressing RFIs, attending weekly progress meetings and performing construction engineering. All design was performed in accordance with AASHTO LRFD Bridge Design Specifications.				


FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Nick Prudhomme, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	16	
TITLE	Roadway Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	0	
DEGREE(S) / YEARS / SPECIALIZATION		BS   2006   Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 35996   LA   3/31/2023		
YEAR REGISTERED	2011	DISCIPLINE	Civil Engineering	
Contract role(s) / brief description of responsibilities	Nick has over 16 years of experience in feasibility/alternative studies and preliminary and final design of interstates, entrance and exit ramps, arterials, local roads, bridge replacement projects, and other similar transportation systems along both existing and proposed alignments. His experience also includes training courses for Traffic Control Supervisor, Traffic Control Design Specialist, and training in the Highway Safety Manual. Nick will serve as <b>ROADWAY/DRAINAGE DESIGN TASK LEAD</b> for this contract. <b>Nick meets the Minimum Personnel Requirements (MPRs) #3 and is available for support if needed.</b>			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc.			
05/15 - 06/18	<b>US 90 AT LA 318 INTERCHANGE DESIGN-BUILD   LADOTD   St. Mary Parish, LA</b> Roadway Engineer. Nick performed subsurface drainage analysis and design, earthwork modeling, cross section generation, and quantity calculations. The project included dual overpass bridges, ramps, and frontage road relocations. Stantec proposed an alternative technical concept to the proposed alternative in the RFP. This ATC conserved right of way and lessened impacts to the community and the environment, and saved construction cost. Nick remained involved throughout construction and participated in resolving design and construction non-conformance issues and requests for information.			
01/14 - 03/18	<b>LA 86 AT LA 320 ROUNDABOUT   LADOTD   New Iberia, LA</b> Project Engineer. Nick's responsibilities included project management, client coordination, and the design and supervision of all areas of plan development including horizontal and vertical design, sight distance calculations, drainage design, earthwork modeling, cross section development, striping layout, sequence of construction, quantity calculations, and cost estimation.			
08/19 - Ongoing	<b>I-10/LOYOLA INTERCHANGE DESIGN-BUILD   LADOTD Contract No. H.011670   New Orleans, LA</b> Assistant Roadway Lead and Drainage Lead. As Drainage Lead, Nick oversees the drainage design consisting of subsurface drainage systems along Loyola Drive and the new airport access road, drainage systems/cross drains on I-10, and the extension of 2-8'x7' box culverts in Canal 13. As Assistant Roadway Lead, Nick has designed horizontal and vertical geometry, graphical grades, and Inroads roadway modeling. Nick also performs construction support by reviewing and approving drainage shop drawings as well as RFIs and NCRs relating to drainage and roadway design. This project will serve as a main entrance to the new airport terminal recently constructed for the Louis Armstrong New Orleans International Airport.			
11/12 - Ongoing	<b>PERKINS ROAD (SIEGEN TO PECUE) WIDENING TRAFFIC STUDY, ENVIRONMENTAL ASSESSMENT (EA), PRELIMINARY PLANS, FINAL PLANS AND RIGHT-OF-WAY MAPS   City of Baton Rouge Contract 12-CS-HC-0015   Baton Rouge, LA</b> Roadway Lead. Initially included EA and Preliminary Plans for improving 3.4 miles of Perkins Road (LA 427) from the existing 2-lane roadway to a 4-lane divided curb and gutter roadway with raised median, sidewalk, sewer and subsurface drainage. During the EA phase, Nick assisted with the alternative analyses, conceptual drainage design, public meeting materials and presentations, and the development of the EA report and documentation. During preliminary plan development, he assisted in all areas of design and plan development including client interaction, drainage design, drainage report, roadway modeling and earthwork analyses using InRoads, quantity calculations, and construction cost estimate. Under the MOVEBR Program, Stantec is currently completing Final Plans using MOVEBR design criteria and is responsible for all final design including roadway and traffic signal plans, subsurface drainage and culvert design, and wetlands permitting. Final plans should be completed by the end of 2022.			
04/11 - 06/15	<b>I-210: COVE LANE INTERCHANGE AND IMPROVEMENTS PROJECT   LADOTD H.010151   Lake Charles, LA</b> Roadway Engineer. Nick assisted in the design and plan development for the proposed full tight diamond interchange at Cove Lane and I-210. He was responsible for all the earthwork calculations for the interchange improvements, as well as the extension of existing Cove Lane to the north. The project included retaining walls and a load transfer platform which were included in Nick's cross section design. Nick was also involved with geometric modeling and quantity calculations.			


FIRM EMPLOYED BY		Stantec Consulting Services Inc.			
NAME	Mary Frances O'Rourke, PE		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER		12
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   09/30/2023		
YEAR REGISTERED	2017	DISCIPLINE	Civil Engineering		
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 perform <b>ROADWAY/DRAINAGE DESIGN</b> for this contract. <b>Mary meets the Minimum Personnel Requirements (MPRs) #3 and is available for support if needed.</b>				
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc.				
07/15 - Ongoing	<b>I-49 LAFAYETTE CONNECTOR   LADOTD   Lafayette, LA</b> Roadway Engineer. Mary is responsible for developing permanent intersection and ramp terminal signage concepts and assisting with roadway designs, quantity and cost estimating, drainage designs and MOT concepts.				
07/15 - 06/18	<b>US 90 AT LA 318 INTERCHANGE DESIGN-BUILD   LADOTD   St. Mary Parish, LA</b> Roadway Engineer. Project replaced a signalized intersection with a roundabout while maintaining traffic. Mary's responsibilities involved 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 3 detour roads and a temporary subsurface drainage system, quantity calculations, and cost estimate for the construction.				
08/19 - Ongoing	<b>I-10/LOYOLA INTERCHANGE DESIGN-BUILD   LADOTD Contract No. H.011670   New Orleans, LA</b> Design-Build ROW/Utilities Manager for this multimillion-dollar design-build project that will improve access and traffic operations to and around the new Northfield Terminal at the New Orleans International Airport. Project consists of a Diverging Diamond Interchange, in addition to flyover ramps leading to/from the Airport on the east side of the interchange. Mary's responsibilities also included developing the signing and striping layout, assisting with the geometric layout, assisting with the drainage design which included using HYDRWIN to design to DOTD standards, developing joint layouts, quantity calculations, and coordination with the contractor to answer RFIs. Mary assisted with ROW Acquisition and leads the utility relocation coordination efforts for the project				
10/17 - 10/19	<b>NELSON ROAD EXTENSION AND BRIDGE   LADOTD   Lake Charles, LA</b> Lead Roadway Engineer. Mary's duties included geometric design, roadway modeling, drainage, signing and striping, joint layout, and sequence of construction. Mary also assisted with the NEPA Environmental Assessment process and coordination between all of the stakeholders. Stantec is lead designer for this new high-level bridge (56-foot clearance) and approaches over the navigational channel of Contraband Bayou. This project provides a crucial link to downtown Lake Charles and the Port of Lake Charles by extending Nelson Road over Contraband Bayou to West Sallier Street.				
07/14 - 06/16	<b>US 79 BYPASS AT LA 9 ROUNDABOUT   LADOTD   Claiborne Parish, LA</b> Roadway Engineer. Project replaced a signalized intersection with a roundabout while maintaining traffic. Mary's responsibilities involved 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 3 detour roads and a temporary subsurface drainage system, quantity calculations, and cost estimate for the construction.				
05/12 - 12/21	<b>GOVERNMENT STREET ROAD DIET: STUDY THROUGH FINAL DESIGN   LADOTD   Baton Rouge, LA</b> Roadway Engineer. Mary designed bike lane facilities and signing/striping layout for this preliminary and final plan design project to upgrade a 4-mile portion of Government Street. Mary assisted with designs/plan development including typical sections, plan sheets, geometric details, signing and striping and sequence of construction. She calculated quantities and developed the cost estimate for construction and provided construction support.				




FIRM EMPLOYED BY		Stantec Consulting Services Inc.			
NAME	Michael Neumann, PE		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER		7
TITLE	Roadway Engineer		YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)		0
DEGREE(S) / YEARS / SPECIALIZATION			BS   2015   Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE			PE No. 45396   LA   9/30/2023		
YEAR REGISTERED	2021	DISCIPLINE	Civil Engineering		
Contract role(s) / brief description of responsibilities	Michael is a Civil Engineer with experience in designing subsurface and open channel drainage systems, roadway geometry through intersections, and striping plans along a major corridor. His work has encompassed both improvements to existing roadways and roadways on new alignments. Michael has also had a hand in analyzing existing conditions for a high-profile rehabilitation of an existing roadway. He has had both governmental and private client experience in his projects. Michael is familiar with technical programs including: MicroStation, AutoCAD, ArcGIS, InRoads, AutoTURN, and HYDR2009. Michael will perform <b>ROADWAY/DRAINAGE DESIGN</b> 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.				
10/17 - 10/19	<b>NELSON ROAD EXTENSION AND BRIDGE   LADOTD   Lake Charles, LA</b> Roadway Engineer. This project provides a crucial link to downtown Lake Charles and the Port of Lake Charles by extending Nelson Road over Contraband Bayou to West Sallier Street. Stantec has led the design effort for this new high-level bridge (56-foot clearance) and approaches over the navigational channel of Contraband Bayou. Michael assisted with the NEPA Environmental Assessment process and coordination between stakeholders. He also assisted with drainage and earthwork design.				
05/15 - 12/17	<b>GOVERNMENT STREET ROAD DIET: STUDY THROUGH FINAL DESIGN   LADOTD   Baton Rouge, LA</b> Engineer Intern. Michael provided analysis of existing project conditions through field work. Michael also provided recommendations to bring conditions up to current ADA standards. Through public meetings held by LADOTD, he met with residents and business owners impacted by the project. Michael also produced construction plans as well as exhibits for public information meetings.				
08/19 - Ongoing	<b>I-10/LOYOLA INTERCHANGE DESIGN-BUILD   LADOTD Contract No. H.011670   New Orleans, LA</b> Roadway Engineer for this multimillion-dollar design-build project that will improve access and traffic operations to and around the new Northfield Terminal at the New Orleans International Airport. Project consists of a Diverging Diamond Interchange, in addition to flyover ramps leading to/from the Airport on the east side of the interchange. Michael modeled the cross sections in InRoads and calculated earthwork quantities. He also designed the subsurface drainage systems along Loyola/Airport Access Road.				
01/18 - Ongoing	<b>DIJON DRIVE PHASE I &amp; PHASE II   City of Baton Rouge   Baton Rouge, LA</b> Engineer Intern. Stantec designed this roadway on new alignment for the City of Baton Rouge as an access roadway to the new Our Lady of the Lake Children's Hospital. Fast-paced project includes a 4-lane divided roadway on new alignment, sanitary sewer force main, subsurface drainage, signalization and off-site intersection improvements. Michael performed field condition analysis and floodplain identification through LIDAR data analysis. He also performed open channel design and culvert analysis, subsurface drainage design, and coordinated with LADOTD.				
06/20 - Ongoing	<b>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</b> Drainage Design Engineer. Under the MOVEBR Program, Stantec is currently completing Final Plans for Perkins Road from Siegen Lane to Pecue Lane using MOVEBR design criteria. This 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. Michael is leading the design of five subsurface drainage systems and culvert design, and the drainage report. Final plans for this project should be completed by the end of 2022.				


FIRM EMPLOYED BY		Stantec Consulting Services Inc.			
NAME	Hannah Krebs, PE		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER		7
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   3/31/2024			
YEAR REGISTERED	2021	DISCIPLINE	Civil Engineering		
Contract role(s) / brief description of responsibilities	Hannah has seven 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 perform <b>ROADWAY/DRAINAGE DESIGN</b> 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	<b>I-49 LAFAYETTE CONNECTOR   LADOTD Contract No. H.004273.5   Lafayette, LA</b> Roadway Engineer. Hannah is responsible for developing cost estimates for various alternatives, creating public meeting exhibits, attending and participating in public meetings, horizontal and vertical geometry, and project organization. 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. The project is currently in the Environmental Assessment stage and alternatives are being investigated.				
06/17 – 09/18	<b>US 90 AT LA 318 INTERCHANGE DESIGN-BUILD   LADOTD   St. Mary Parish, LA</b> Engineer Intern. This project proposed to upgrade the intersection of existing US 90 at LA 318 near Sorrel, to a grade separated interchange. This was the last intersection between Lafayette and the interchange at US 90 at LA 83 near Baldwin to be upgraded for the Future I-49 Corridor. This 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. Hannah's duties included taking the lead on the water and sewer as-built plan set, compiling plan sets for submittals, and participating in construction meetings.				
06/17 – 06/21	<b>NELSON ROAD EXTENSION AND BRIDGE   LADOTD   Lake Charles, LA</b> 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.				
06/20 - Ongoing	<b>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</b> Roadway Engineer. Hannah is responsible for final plan development, geometric design, and traffic control plans. Under the MOVEBR Program, Stantec is currently completing 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. Final plans for this project should be completed by the end of 2022.				
09/18 - Ongoing	<b>I-10/LOYOLA INTERCHANGE DESIGN-BUILD   LADOTD Contract No. H.011670   New Orleans, LA</b> Roadway Engineer. Hannah is responsible for creating traffic control plans and modifying as needed during construction. This is a multi-million dollar project that will improve access and traffic operations to and around the new Northfield Terminal at the New Orleans International Airport. The project consists of a Diverging Diamond Interchange, in addition to flyover ramps leading to and from the Airport on the east side of the interchange.				


FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	John Krebs, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	11	
TITLE	Senior Bridge Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	2	
DEGREE(S) / YEARS / SPECIALIZATION		MS   2008   Civil Engineering; BS   2007   Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 37259   LA   9/30/2022		
YEAR REGISTERED	2012	DISCIPLINE	Civil Engineering	
Contract role(s) / brief description of responsibilities	John has 13 years of engineering of experience providing engineering design and load ratings for bridges and interchanges for LADOTD, MDOT, and KYTC and currently serves as a project manager in the Structural Division at Baton Rouge. 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 load rating quality control and an inspection team leader for this project. John will serve as <b>BRIDGE DESIGN TASK LEAD</b> 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.			
07/15 - 06/18	<b>US 90 INTERCHANGE AT LA 318 DESIGN-BUILD   LADOTD   St. Mary Parish, LA</b> Structural Engineer. This stretch of US 90 has been designated as the future I-49 corridor. The bridges consisted of LG-54 prestressed concrete girder spans with lengths up to 111-ft supported by multi-column concrete bents. John assisted in the proposal development by performing preliminary designs of the major structural elements, and, later, managed the construction support efforts.			
04/11 - 03/15	<b>I-210: COVE LANE INTERCHANGE AND IMPROVEMENTS PROJECT   LADOTD H.010151   Lake Charles, LA</b> 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. Project received the Highways/Bridges: Award of Merit from the Engineering News Record for Texas and Louisiana in October 2016.			
12/15 - Ongoing	<b>NELSON ROAD EXTENSION AND BRIDGE   LADOTD Contract No. H.005967   Lake Charles, LA</b> 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, 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.			
03/20 - 10/22	<b>LA 121: CALCASIEU RIVER BRIDGES   LADOTD Contract No. H. 009498   Hinston, LA</b> LADOTD Bridge Task Manager. John was responsible for the independent design and plan review of the three LA 121 bridges. Bridge design items included reinforced concrete deck, LG-36 prestressed concrete girders, steel reinforced elastomeric bearing pads, and reinforced concrete end bent and intermediate bent caps. John also managed plan changes as well as quantity input into the AASHTOWare Project database. In addition to design, John updated the internally-cured concrete special provision for colloidal nano silica. The three bridges consisted of a total of five three-span deck units, and a testing scheme was noted in the plans applying the updated special provision.			
08/20 - 06/22	<b>LA OVER I-20   LADOTD Project No. H.001799   Minden, LA</b> LADOTD Bridge Design Engineer. John was tasked with the independent design of the LG-36 prestressed, the intermediate multi-column bent, and the drilled shaft loads for both the end bent and the intermediate bent. John also determined the pier protection barrier rail and guard rail layout for the intermediate bent columns in the I-20 median. John was part of the QC effort on the plan details, quantities, and elevations.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Whit Hawkins, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	6	
TITLE	Hydraulics Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	11	
DEGREE(S) / YEARS / SPECIALIZATION		MBA   2005; BS   2004   Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 46867   LA   9/30/2024		
YEAR REGISTERED	2022	DISCIPLINE	Civil Engineering	
Contract role(s) / brief description of responsibilities	Whit brings over 17 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 serve as <b>BRIDGE HYDRAULICS TASK LEAD</b> 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 - Ongoing	<b>I-10 LOYOLA DESIGN-BUILD   LADOTD Contract No. H.011670   New Orleans, LA</b> Hydraulics Engineer. Whit is 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.			
12/17 - 12/20	<b>US HIGHWAY 80 BRIDGE REPLACEMENTS   MDOT   Newton, MS</b> Hydraulics Engineer. Whit served as the Hydraulics Engineer and calculated flows to determine sizing of drain pipes for four bridge replacement sites in Newton County.			
06/19 - 08/20	<b>SR 772 BETWEEN CR 132 AND SR 15 (BRIDGE #271.8)   MDOT   Pontotoc County, MS</b> Hydraulics Engineer. Whit provided Phase A bridge hydraulic design and recommendations for Bridge No. 271.8 over Chiwapa Creek on SR 772 utilizing 2D Modeling.			
01/17 - 12/18	<b>SR 42 BRIDGE REPLACEMENT   MDOT   Perry County, MS</b> Hydraulics Engineer. Whit developed 2-dimensional hydraulic models and proposed bridge designs to replace a bridge over Tallahala Creek on State Route 42 west of Runnelstown, MS.			
05/16 - 06/19	<b>BRIDGE SCOUR EVALUATION FOR LYNCH CREEK AT I-20   MDOT   Hinds County, MS</b> Hydraulics Engineer. Whit developed 2-dimensional hydraulic models and performed a Level 2 Basic Engineering Analysis for three sets of Interstate 20 bridges over Lynch Creek in Jackson, MS.			
03/19 - Ongoing	<b>KEMP BOTTOM ROAD BRIDGE SCOUR   City of Vicksburg   Vicksburg, MS</b> Hydraulics Engineer. Whit developed HEC-RAS model to proposed bridge designs and developed countermeasures to resist scour for the Kemp Bottom Road bridge in Warren County.			
08/05 - 04/14	<b>MISSISSIPPI FLOOD MAP MODERNIZATION INITIATIVE   MDEQ   Jackson, MS</b> 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		Stantec Consulting Services Inc.		
NAME	Amir Botros, PhD, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	1	
TITLE	Senior Structural Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	15	
DEGREE(S) / YEARS / SPECIALIZATION		PhD   2015   Civil Engineering; MS   2009   Civil Engineering; BS   2005   Civil Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 43701   LA   3/31/2024		
YEAR REGISTERED	2019	DISCIPLINE	Civil Engineering	
Contract role(s) / brief description of responsibilities	With over 15 years of experience, Amir will serve as structural task lead for this contract. Amir has extensive experience in the analysis, design and rating of variety of bridge types including Prestressed Concrete Girders, Steel Plate Girders, Precast and Cast in Place Concrete Slabs, Column and Pile Bents, and RC box culverts. He is proficient in commercial design and rating software packages. He has been involved in bridge replacement projects across the state and has been a member of the Precast Prestressed Concrete Institute (PCI) for many years and has participated in PCI research projects. Further, he is the recipient of the 2017 Martin P. Korn and George Nasser PCI Journal Awards. He also received the 2018 ASCE T.Y. Lin award for his outstanding research on the dapped ends of prestressed concrete thin stemmed members. Amir will perform <b>BRIDGE DESIGN</b> 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.			
10/19 - 12/20	<b>LOAD RATING OF 396 OFF SYSTEM BRIDGES   LADOTD H.012485.5   Statewide, LA</b> Lead Structural Engineer. Project consisted of developing a load rating methodology for Reinforced concrete box culverts that accounts for the actual field conditions, performance history, and advanced modeling techniques. Study investigated the effect of utilizing advanced modeling techniques (finite element analysis) on the load rating of concrete box culverts. Responsibilities included building 3D FE analytical models of the parametric study, designing instrumentation and diagnostic load test procedure, supervising the crew on performing the diagnostic load tests, development of load rating guidelines that accurately account for all parameters believed to influence the culvert performance, development of a technical report that summarizes the proposed load rating guidelines and supervising engineers on load rating 100 representative culverts selected from the existing Louisiana inventory using the proposed guidelines.			
10/19 - 12/20	<b>RC CULVERTS TESTING AND RATING OF 100 CULVERTS   LADOTD H.009859.5   Statewide, LA</b> Lead Structural Engineer. Project consisted of load rating of 396 bridges in accordance with LADOTD Policies and Guidelines for Bridge Rating and Evaluation. Bridge types comprised cast in place concrete slab spans, precast concrete slab spans, prestressed concrete girders, steel plate-girders, and RC box and arch culverts. Substructures comprised various components including reinforced concrete caps, timber caps, timber piles and steel H piles. Responsibilities included determining the appropriate load rating method, supervising engineers on the load rating analysis and review of load rating reports.			
01/21 - Ongoing	<b>MDOT TRUSS INSPECTIONS AND LOAD RATINGS   MDOT   Statewide, MS</b> Load Rating Engineer. Stantec is tasked with inspecting and load rating superstructure elements on four steel through truss bridges with spans ranging from 120-ft to 180-ft. MDOT will use the findings to develop rehabilitation plans for future projects and establish procedures that will be used on other structures throughout the state. Responsible for performing quality reviews of load ratings for four steel through truss bridges. AASHTOWare BrR is being used to model and analyze all truss members including main members, floor beams, stringers, and gusset plates. The load factor rating (LFR) method is being used at the request of MDOT and to have the ability to compare with the original designs.			
01/21 - Ongoing	<b>MISSISSIPPI STATEWIDE COMPLEX BRIDGE INSPECTIONS &amp; LOAD RATINGS   Mississippi Office of State Aid Road Construction   Statewide, MS</b> Load Rating Engineer. Amir oversees QA/QC for the load rating analyses for over 200 bridges annually. Inspections performed by Stantec personnel are used to assist with developing load rating models and performing the analysis using AASHTOWare BrR, RC Pier, and STAAD. Load ratings are performed in accordance with AASHTO MBE and typically use the load factor rating (LFR) method to match the original design as requested by the client. Structure types include steel trusses, structural steel plate girders, steel railroad flat cars, reinforced concrete girders and slabs, reinforced concrete box culverts, and prestressed concrete girders.			
03/21 - 06/21	<b>ALDOT LOAD RATING OF 42 BRIDGES   ALDOT   Statewide, AL</b> Lead Structural Engineer. Project consisted of rating of 42 bridges in accordance with ALDOT Policies and Guidelines for Bridge Rating and Evaluation. Responsibilities included review of the as-built plans/ standard plans of the bridges, determining the appropriate load rating method, supervising engineers on the load rating analysis and review of load rating reports.			

FIRM EMPLOYED BY		Stantec Consulting Services Inc.			
NAME	Kunal Malpani, PE		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER		8
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   3/31/2023		
YEAR REGISTERED	2018	DISCIPLINE	Civil Engineering; NBIS Certified Team Leader		
Contract role(s) / brief description of responsibilities	Kunal has 8 years of engineering experience with an emphasis on structural projects. His primary focus has been in the 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. In addition to bridge design, Kunal has been involved in the design of highway sign structures and reviewing structural shop drawings. Kunal will serve as <b>BRIDGE DESIGN</b> 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.				
07/15 - 06/18	<b>US 90 INTERCHANGE AT LA 318 DESIGN-BUILD   LADOTD   St. Mary Parish, LA</b> Structural Engineer for the twin bridges. Each bridge consists of LG-54 prestressed concrete girder spans on multi-column concrete bents and concrete wall piers. His responsibilities included performing design, performing the as designed load rating, and reviewing shop drawings.				
04/17 - 11/17	<b>LOAD RATING AND POSTING OF ON-SYSTEM BRIDGES   LADOTD   Statewide, LA</b> Structural Engineer. Kunal's responsibilities included developing the LRFR rating procedure using the AASHTO Bridge Rating Software for superstructure and LEAP RC Pier for substructure as per AASHTO MBE and LADOTD rating guidelines. Project included load rating various bridge superstructure types including slab spans, prestressed concrete girders, rolled steel girders, and built-up steel plate girders as well as various substructure types.				
01/19 - Ongoing	<b>NELSON ROAD EXTENSION BRIDGE   LADOTD Contract No. H.005967   Baton Rouge, LA</b> 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	<b>BRIDGE PRESERVATION RETAINER PROJECTS   LADOTD   Statewide, LA</b> Load Rating Engineer. Kunal was responsible for developing LFR rating procedure using Bridge Rating Software (now 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.				
09/15 - 07/16	<b>I-20 AND TARBUTTON ROAD INTERCHANGE   LADOTD   Ruston, LA</b> Structural Engineer. Project consists of replacing an existing concrete overpass structure over I-20 near Ruston, LA with a two-span structural steel plate girder structure. Substructure units are 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	<b>I-10 LOYOLA DESIGN-BUILD   LADOTD Contract No. H.011670   New Orleans, LA</b> Structural Engineer who assisted signing engineer in design of flyover ramps, consisting of concrete slab spans, prestressed concrete girder spans, and twin horizontally curved steel tub girder spans. Design includes interstate lighting and structure mount poles on bridge ramps and in median barriers.				
05/13 - 02/16	<b>HOSPITALITY ZONE US 90Z IMPROVEMENTS   LADOTD Contract No. H.010189 (IDIQ 440000679)   New Orleans, LA</b> Structural Engineer responsible for developing a solution to minimize traffic impacts by extending existing bent caps to support new ramp meters. Worked with LADOTD to determine an exact location for each meter and, in turn, locating as-built drawings for that particular bent cap.				


FIRM EMPLOYED BY		Stantec Consulting Services Inc.			
NAME	Joey Lefante, PE, PTOE		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER		14
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   09/30/2024			
YEAR REGISTERED	2012	DISCIPLINE	Civil Engineering   PTOE #3560, 2013		
Contract role(s) / brief description of responsibilities	With over 14 years of experience working on major traffic projects, preparing feasibility studies and interchange modification reports and leading improvements through plan design and signal construction. His experience using various analysis software packages, including TransCAD, Synchro, and VISSIM, allows him to determine innovative transportation solutions tailored to each individual situation. Joey will serve as <b>TRAFFIC ENGINEERING SUPPORT</b> 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.				
08/14 - Ongoing	<b>I-49 LAFAYETTE CONNECTOR   LADOTD   Lafayette, LA</b> Traffic Task Manager. Joey is responsible for coordination with LADOTD traffic staff and managing analysis of various geometric design alternatives. Project includes a comprehensive Vistro model and additional analyses using TransCAD, VISSIM, and Sidra software packages. Project follows the Access Justification Request (AJR) guidelines established by LADOTD and FHWA. 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 also in charge of documenting the project to follow LADOTD Traffic Engineering Process and Report (TEPR) Guidelines				
11/10 - Ongoing	<b>NELSON ROAD EXTENSION AND BRIDGE   LADOTD Contract No. H.005967   Lake Charles, LA</b> 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.				
05/13 - 03/19	<b>ESSEN LANE WIDENING   LADOTD   Baton Rouge, LA</b> Lead Traffic Engineer. Joey was responsible for traffic signal plans for four intersections along Essen Lane that were impacted by the widening. Traffic signal plans consist of providing all new traffic signal equipment along with fiber optic communications between the traffic signals. Multiple site visits were held to ensure feasibility of traffic signal equipment locations and avoid interference with utilities. Plans were developed according to the latest MUTCD, DOTD and City of Baton Rouge Standards and Specifications. This project required coordination with Stantec’s Roadway group, DOTD, and the City of Baton Rouge.				
05/12 - 12/17	<b>GOVERNMENT STREET ROAD DIET: STUDY THROUGH FINAL DESIGN   LADOTD   Baton Rouge, LA</b> Lead Traffic Engineer. Joey served as Traffic Analyst responsible for examining improvements to increase safety and access management on Government Street between I-110 and Jefferson Highway. Stantec evaluated traffic data, developed conceptual alternatives, and accounted for the LADOTD Complete Street Policy. Joey collected traffic data and developed models in VISSIM, Synchro, and SIDRA to analyze different operational improvements alternatives. Joey also prepared materials for and participated in public meetings under the DOTD public involvement process.				
08/14 - 08/19	<b>W. PRIEN LAKE ROAD RELOCATION   LADOTD   Lake Charles, LA</b> Lead Traffic Engineer. Joey led traffic services on this project that featured a new signalized intersection at the relocated roadway and Nelson Rd., which required Stantec to develop traffic signal warrants, signal timing analyses and signal plans. Since the improvements impacted certain areas near the Nelson Rd. Interchange at I-210, Stantec developed a Level 2 TMP document. This project improved traffic flow in this very congested area of Southwest Lake Charles.				
08/19 - Ongoing	<b>I-10/LOYOLA INTERCHANGE DESIGN-BUILD   LADOTD Contract No. H.011670   New Orleans, LA</b> Traffic Engineer. Joey performed VISSIM analyses of an Alternative Technical Concept (ATC) consisting of two new flyover ramps leading to/from the Airport on the east side of the interchange and the first Diverging Diamond Interchange (DDI) in Louisiana. Joey completed an IMR to meet FHWA access policy standards to move the project forward on the accelerated design-build schedule. Joey is also leading the traffic signal design effort, including specialized DDI operations, lane closure analyses, transportation management plan and complete street accommodations such as sidewalks and a two-way cycle track.				


FIRM EMPLOYED BY		Stantec Consulting Services Inc.	
NAME	Joseph "Keith" Palermo, PE, PLS	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	<1
TITLE	Construction Manager	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	27
DEGREE(S) / YEARS / SPECIALIZATION		BS   1993   Civil Engineering	
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 27665   LA   3/31/2024	
YEAR REGISTERED	1998	DISCIPLINE	Civil Engineering; PLS No. 4791   LA
Contract role(s) / brief description of responsibilities	Keith has 28 years of engineering experience in the maintenance and construction of roads and bridges gained through employment with the Louisiana Department of Transportation and Development. (LADOTD). He is experienced in working with local, state, and federal officials. Keith will serve as <b>CONSTRUCTION TASK LEAD SUPPORT</b> 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.		
09/13 - 07/22	<b>LADOTD, DISTRICT 61   LA</b> Engineer/Project Engineer. Responsible for all maintenance, construction, and contract maintenance for a four-parish area (Pointe Coupee, West Baton Rouge, East Feliciana, and West Feliciana), including all aspects of construction contract administration and maintenance programming needs. Responsible for the productivity of two Project Engineer offices and four parish maintenance offices totaling approximately 74 employees. Provided input and direct project development and delivery in line with transportation needs. Developed and maintained effective working relationships with a diverse group of stakeholders, including representatives of the FHWA, US Army Corps of Engineers, industry contractors, consultants, public officials, and the general public. Planned and executed Emergency Support related to the Flood of 2016. Testified on behalf of DOTD in depositions and court cases. Since 2018, due to the lack of experienced Project Engineers, along with his normal Area Engineer duties, Keith was also the Project Engineer of DOTD's Mcmanus Project Engineer office and the Project Engineer of DOTD's Port Allen Project Engineer office.		
11/12 - 09/13	<b>LADOTD, DISTRICT 61   LA</b> Area Engineer. Responsible for all maintenance, construction, and contract maintenance, for East Baton Rouge Parish including all aspects of construction contract administration and maintenance programming needs Responsible for the productivity of two Project Engineer offices and one parish maintenance office totaling approximately 45 employees. Responsible for the maintenance and operation of seven pumping stations within East Baton Rouge Parish.		
07/99 - 11/12	<b>LADOTD, DISTRICT 61   LA</b> Project Engineer. Supervised a team of inspectors and office personnel while performing Construction Contract Administration for many types of highway and bridge construction projects, including PCC pavement, bridges, driven pile foundations, drilled shaft foundations, sound walls, asphaltic pavement, drainage structures, retaining walls, embankment and base course, repairs to movable bridges, traffic signals, traffic cameras, striping, and other incidental types of work. Planned and executed recovery activities for Hurricane Gustav contract debris removal operations in Pointe Coupee, and West Baton Rouge parishes.		
03/94 - 07/99	<b>LADOTD, HEADQUARTERS PAVEMENT AND GEOTECHNICAL SECTION   LA</b> Design Engineer. Engineer in Training II. Engineer in Training I. Designed pile foundations for bridge projects throughout the state. Performed dynamic pile analysis in the field using DOTD's pile driving analyzer (PDA), evaluated the data, and made recommendations pertaining to pile driving hammer performance, pile driving criteria, pile integrity, pile stresses, and pile capacity. Performed embankment stability and settlement analyses.		





FIRM EMPLOYED BY		Stantec Consulting Services Inc.			
NAME	Scott Hoffeld, CEP		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER		2
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   3/31/2022			
YEAR REGISTERED	2002	DISCIPLINE	Certified Environmental Practitioner		
Contract role(s) / brief description of responsibilities	Scott is a Senior Environmental and Transportation Planner with over 27 years of NEPA and permitting experience for LADOTD, spanning form CEAs, EAs and re-evaluations to complete multi-phased and 3rd party EISs and SEISs. His LADOTD experience includes 404 wetland, scenic stream and bridge permitting; agency coordination; public outreach; and a variety of corridor and site impact analyses, needs and alternatives justification evaluations, and the communication/presentation of complex information to mixed audiences. Scott will serve as <b>PERMITTING SUPPORT</b> 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.				
10/15 - 03/17	<b>EA AND REEVALUATION FOR DIJON EXTENSION IMPROVEMENTS   City of Baton Rouge H.012233/H.012232   Baton Rouge, LA</b> 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.				
02/04 - 09/05	<b>I-210 AT COVE LANE INTERCHANGE IMPROVEMENTS AND EA   LADOTD   Lake Charles, LA</b> NEPA Project Manager. Scott worked with Stantec on this aggressive seven-month NTP to FONSI, high-profile interstate interchange improvement project in Lake Charles. Project need is related to a new casino special traffic generator. Expedited work included completion of outreach, field work, and analysis of six build alternatives within six weeks of the NTP. Special NEPA documentation and review protocols were proposed by ARCADIS and approved by LADOTD and FHWA, enabling environmental streamlining and reduction of schedule by over 55 percent.				
12/14 - 12/17	<b>US 11 NORFOLK SOUTHERN RAILROAD OVERPASS REPLACEMENT   LADOTD SP No. H.000688   Orleans Parish, LA</b> Project Manager for replacement and widening of the US 11 roadway overpass of the Norfolk Southern Railroad. Project included 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. Issues included the historic status of the bridge, commercial parking impacts, use of the Norfolk southern right of way, and travel pattern changes following the construction.				
04/10 - 10/14	<b>CHEF MENTEUR BRIDGE AND APPROACHES REPLACEMENT   LADOTD   Orleans Parish, LA</b> Project Manager bridge replacement EA and Line and Grade Study, responsible for coordination and technical assessment of key issues. Both movable and fixed-span designs are under consideration along three alignments in an area of notable environmental and design challenges. Environmental constraints included abutting Venetian Isles subdivision, Fort Macomb structure and state parkland, terrestrial and submerged archaeological sites, and Bayou Sauvage National Wildlife Refuge. Intensive public and agency outreach and involvement was initiated along with computerized renderings of post-construction views to be used in the effort.				
02/16 - 12/17	<b>FLORIDA AVENUE IMPROVEMENTS   LADOTD   Orleans and St. Bernard Parishes, LA</b> Scott was responsible for team coordination and public/stakeholder outreach oversight and agency coordination. The project alternatives include a new bridge over the Inner Harbor Navigation Canal, as well as optional roadway improvements, and neighborhood traffic calming for neighborhoods in the vicinity of the project alternatives, including 9th Ward of New Orleans. Key issues include truck traffic, property values, and environmental justice concerns.				
12/00 - 06/01	<b>GRAMERCY-WALLACE BRIDGE NEEDS/ALTERNATIVES ANALYSIS, WETLAND PERMITTING ASSISTANCE   LADOTD   St. John the Baptist and James Parishes, LA</b> Project Transportation and Environmental Planner responsible for developing needs statement, alternate constraints map, and alternate alignments, as well as the preparation of the supplemental information report and graphics. Project proposed to complete a section of a bridge approach, delayed by funding issues. The extension/completion of the West Bank Approach was documented as a very important link for hurricane evacuation, as well as providing local and commercial transportation benefits through reduced travel times and lower average operational costs per mile. Eight alternate alignments were developed. Detailed preliminary conceptual cost estimates were prepared, and all alignments were compared in a matrix. The proposed alignment is currently under permitting with the USACE.				




FIRM EMPLOYED BY		Stantec Consulting Services Inc.		
NAME	Derrick Goudeau, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	4	
TITLE	Senior ITS/Electrical Engineer	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	15	
DEGREE(S) / YEARS / SPECIALIZATION		BS   2003   Electrical Engineering		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 33288   LA   09/30/2023		
YEAR REGISTERED	2007	DISCIPLINE	Electrical and Computer Engineering	
Contract role(s) / brief description of responsibilities	Derrick has over 19 years of experience in the design and development of ITS and electrical power, lighting, control, and related systems. He has been responsible for the preparation of plans and specifications (design and development) of ITS, lighting and electric power engineering projects, from design to final construction inspection. Other design experience includes QC/QA review, calculations, data collection, and report preparation. During the construction phase, Derrick has provided CE&I services to support the owner and verify general conformance with the design including review of shop drawing and equipment submittals, respond to request for information, review/prepare as-built drawings, review payment applications, and perform periodic inspection and final system acceptance. He is also well-versed in industry codes and standards, including the 2020 NEC (NFPA 70) and 2018 NFPA 70E in which he has recently completed training courses. Derrick will serve as <b>LIGHTING + ITS SUPPORT</b> for this contract.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc.			
03/13 - 05/15	<b>I-210: COVE LANE INTERCHANGE AND IMPROVEMENTS PROJECT   LADOTD   Lake Charles, LA</b> Engineer of Record/Electrical. Project limits are from the East foot of the I-210 Lake Prien Bridge through the I-210/Cove Lane Interchange. Project included coordinating roadway lighting design with the new interchange which was already in construction. This required frequent field inspection for changing site conditions, coordination with LADOTD Project Engineer and Contractor, and design adjustments for compatibility with Contractor's sequence of construction. Derrick was the Engineer of Record for the lighting/electrical portion of the project (incorporated via plan change) and provided CE&I services through construction.			
04/11 - 06/15	<b>I-12 AT US-11 INTERCHANGE LIGHTING   LADOTD H.000687   Slidell, LA</b> Quality Assurance/CE&I. Project limits include the I-12 / US-11 Interchange. Project makeup consists of the following types of roadway lighting standards: 47 ground mount low mast, 3 ground mount high mast, and 8 underpass. Derrick performed Quality Assurance review for this project and provided CE&I services through construction.			
03/13 - 02/18	<b>I-210 OVER CALCASIEU RIVER WEST OF I-10 INTERSTATE LIGHTING   LADOTD H.010440   Lake Charles, LA</b> Engineer of Record. Project limits are from the I-10/I-210 Interchange to the I-210/Cove Lane Interchange (approximately 4.5 miles of I-210). Project makeup consists of the following types of roadway lighting standards: 44 ground mount low mast, 54 structure mount low mast (bridge), 7 barrier mount low mast, 10 ground mount high mast, and 4 underpass. Derrick was the Engineer of Record for this project and provided CE&I services through construction.			
01/14 - 02/18	<b>US-61 ROADWAY LIGHTING, DAVID TO TRANSCONTINENTAL   Jefferson Parish   Jefferson Parish, LA</b> Engineer of Record. Project limits are from the US-61 and David interchange through the US-61 and Transcontinental interchange. Project makeup consists of 81 ground mounted low mast roadway lights (LED). The design required coordination with concurrent lighting design by other consultants on adjacent sections of this corridor. Derrick was the Engineer of Record for this project.			
05/16 - 03/21	<b>STATE HIGHWAY 288 TOLL LANES   TxDOT - Houston District   Houston, TX</b> Engineer of Record (illumination). This P3 project will implement improved functionality over 10.3 miles along SH 288, from US 59 to the Harris/Brazoria County line at Clear Creek, by constructing new toll lanes, installing toll infrastructure, and establishing toll operations and maintenance. Derrick performed photometric analysis for the 10 mile corridor and prepared plans for upgrading all of the existing high pressure sodium lighting to LED luminaires. The lighting system consisted of conventional light standards as well as high mast towers up to 175 feet. The project also included two pedestrian bridges with decorative lighting to provide safe crossings for the residential communities on each side of this 400ft wide corridor. Derrick provided technical support during construction.			

FIRM EMPLOYED BY		Civil Design & Construction, Inc. (CD&C)		
NAME	Karla Weston, PE	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	17	
TITLE	President	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	6	
DEGREE(S) / YEARS / SPECIALIZATION		BS   1999   Civil Engineer		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PE No. 31010   LA   3/31/2024		
YEAR REGISTERED	2004	DISCIPLINE	Civil Engineering	
Contract role(s) / brief description of responsibilities	Karla has over 23 years of civil engineering experience. She started CD&C, a small woman-owned business in 2005. Karla has worked with over 10 Corps of Engineering Districts throughout the U.S. She has also worked with various state and local agencies providing civil engineering, surveying, and SUE services. Karla will oversee the firms' role as a sub-consultant and make sure the work is completed to LADOTD standards. Karla will perform <b>SURVEY &amp; MAPPING OVERSIGHT</b> 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.			
02/16 - 09/19	<b>PECUE LANE/I-10 INTERCHANGE   H.003047   Baton Rouge, LA</b> Principal in Charge. Karla oversaw CD&C's role as a subconsultant for the engineering design services of the West Bound on Ramp to I-10, the West Bound Off Ramp from I-10, the extension to Rieger Road and Pecue Lane Extension. She worked to oversee the firm's design, coordinate with the prime consultant and government agencies.			
12/13 - 10/19	<b>GRAMERCY BRIDGE   H.02960   St. James Parish, LA</b> Principal in Charge. Karla oversaw CD&C'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	<b>I-49 DESIGN BUILD   H.010620   Lafayette, LA</b> QA/QC. Karla provided QA/QC review for the Roadway Design Plans on this Design-Build Project.			
05/13 - 05/14	<b>LA 1 RAILROAD BRIDGE AT DOW   H.009288.5   West Baton Rouge Parish, LA</b> Principal in Charge. Karla oversaw CD&C'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. She worked to oversee the firm's design, coordinate with the prime consultant and government agencies.			
06/12 - 10/12	<b>LA 1 RAILROAD BRIDGE AT DOW   H.009288.5   West Baton Rouge Parish, LA</b> Principal in Charge. Karla oversaw CD&C'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. She worked to oversee the firm's design, coordinate with the prime consultant and government agencies.			
01/06 - 12/12	<b>EBR CITY/PARISH PROJECT NO. 06-CS-HC-0018, FAIRCHILD-BADLEY ROADWAY   East Baton Rouge Parish, LA</b> Principal in Charge. This project 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	<b>SUNSHINE BRIDGE PHASE 2   H.009104.5   LA</b> 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	<b>RED RIVER - JACKSON STREET BRIDGE   Alexandria, LA</b> 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 replacement of the Jackson Street Bridge over the Red River.			

FIRM EMPLOYED BY		Civil Design & Construction, Inc. (CD&C)			
NAME	Ralph Burgess, PLS		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER		11
TITLE	Principal Land Surveyor		YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)		12
DEGREE(S) / YEARS / SPECIALIZATION		BS   2004   Industrial Design & Supervision			
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		PLS No. 5040   LA   9/30/2024			
YEAR REGISTERED	2010	DISCIPLINE	Land Surveyor		
Contract role(s) / brief description of responsibilities	Ralph will serve as <b>SURVEYOR TASK LEAD</b> for this contract. He will work to oversee the project progress stays on schedule, aide in both crew coordination and office production, and provide final QC on the firms' deliverable to the Stantec. Ralph 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. <b>Ralph meets the following Minimum Personnel Requirements (MPRs) as specified in the advertisement for this project: 4</b>				
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc.				
07/20 - 04/21	<b>COMITE RIVER DIVERSION BRIDGE AT LA 67, LA 19 AND LA 19 RAILROAD BRIDGE   LADOTD H.001352.5 &amp; H.002273.5   East Baton Rouge Parish, LA</b> Survey Manager for this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. This included merging of data from a previous survey on one portion of the site and field verifications of that data. The topographic data for this project was collected traditionally.				
01/18 - 01/20	<b>I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12   LADOTD H.004100   West and East Baton Rouge, LA</b> Surveying Manager for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.				
07/17 - 12/18	<b>LA 30 ROUNDABOUT AT TANGER I-10   LADOTD H.010960.5-2   Ascension Parish, LA</b> Survey Manager for the project. Duties included meeting with LADOTD & Cardno, Inc for utility locations, coordination of crews and 3D terrestrial scanning crew along with office personnel, coordination. Special duties were merging of two state projects with project survey for final submittal to combine all projects together.				
01/16 - 08/16	<b>US 190 SUPERSTREET   LADOTD H. 005733.5   St. Tammany Parish, LA</b> Survey Manager for the project. Duties included complete topographic survey and drainage map for this project including all utility coordination. The survey began at the intersection of US 190 and Holiday Square Frontage Road. From this point, the survey proceeded in a northerly direction along US 190 for approximately 2.9 miles to a point that is 700 feet South of Intersection of US 190 and E. Boston St. in Covington, LA. This project also included work in the Abita River and utilized 3D Terrestrial Scanning for the main route				
10/15 - 12/18	<b>I-10 TEXAS STATE LINE -EAST OF COONE GULLY   LADOTD H.003184.5   Calcasieu Parish, LA</b> Survey Manager for the project. Duties included meeting with LADOTD, coordination of traditional crews and 3D terrestrial scanning crew, coordination of utility companies on the project, review and verification of drainage crossing I10, merging of existing topographic survey of bridges from LADOTD and final review of all survey data for submittals.				
08/16 - 12/17	<b>I-49 SOUTH AT VEROT SCHOOL ROAD   LADOTD H.011235   Lafayette, LA</b> Survey Manager for the project. Duties included meeting with LADOTD, and all consultants on the team, coordination of both traditional crews and 3D terrestrial scanning crew, coordination of survey crews with Cardno, Inc, utility locations on the project, met and review right of entry with landowners for project, review of drainage map, merging of existing topographic survey of the I-49 Connector project from LADOTD with current survey of project, review of apparent right of way mapping for prime consultant, and final review of all survey data.				


<b>02/14 - 03/17</b>	<b>I-49 DESIGN-BUILD   LADOTD H.010620   Lafayette, LA</b> Survey Manager for the project. Ralph managed and supervised all field work, utility coordination, and review of existing survey data for final topographic survey submittal. CD&C also produced <b>ROW maps</b> for the project. His duties for this portion also included title reports, review of property surveys and final submittal of final existing right of way plans.
<b>08/20 - 07/22</b>	<b>GREYBOW RD. PALMETTO CREEK   LADOTD H.013989   LA</b> Survey Manager for the project. He managed and supervised all field work, utility coordination, and review of existing survey data for final topographic survey submittal. CD&C also produced <b>ROW maps</b> for the project. His duties for this portion also included title reports, review of property surveys and final submittal of final right of way plans.
<b>08/20 - 07/22</b>	<b>CARPENTERS BRIDGE RD. WHISKEY CHITTO CREEK   LADOTD H.013958   LA</b> Survey Manager for the project. He managed and supervised all field work, utility coordination, and review of existing survey data for final topographic survey submittal. CD&C also produced <b>ROW maps</b> for the project. His duties for this portion also included title reports, review of property surveys and final submittal of final right of way plans.
<b>08/20 - 08/22</b>	<b>LA 961 BRIDGE AT BEAMON RD. BAYOU MARINGOUIN   LADOTD H.013956   Pointe Coupee Parish, LA</b> Survey Manager for the project. He managed and supervised all field work, utility coordination, and review of existing survey data for final topographic survey submittal. CD&C also produced <b>ROW maps</b> for the project. His duties for this portion also included title reports, review of property surveys and final submittal of final right of way plans.


FIRM EMPLOYED BY		Civil Design & Construction, Inc. (CD&C)		
NAME	Chris Ballard, PLS	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	6	
TITLE	Survey Project 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   9/30/2024		
YEAR REGISTERED	2010	DISCIPLINE	Land Surveyor	
Contract role(s) / brief description of responsibilities	Chris will serve as a <b>SURVEYOR</b> for this contract. 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. <b>Chris meets the following Minimum Personnel Requirements (MPRs) as specified in the advertisement for this project: 4</b>			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc.			
01/18 - 01/20	<b>I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12   LADOTD H.004100   West and East Baton Rouge, LA</b> Surveying Project Manager for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.			
04/17 - 07/17	<b>LA 58 PETIT CAILLOU BRIDGE REHABILITATION (SARAH BRIDGE)   LADOTD H.010006.5-3   Terrebonne Parish, LA</b> Survey Project Manager on 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	<b>BRIDGE REPLACEMENTS IN EAST FELICIANA PARISH   Rural East Feliciana Parish, LA</b> Survey Project Manager for this project for East Feliciana Parish Police Jury. It includes the replacement of 2 bridges which were damaged from flooding and the repairs to many rural roadways throughout the parish. These projects are being funded thru FEMA and all documentation has to be in accordance with FEMA's policies and procedures.			
01/17 - 12/17	<b>EAST BATON ROUGE PARISH BRIDGES   East Baton Rouge Parish, LA</b> In 2017, CD&C has performed topographic surveys for at least 4 Bridge Replacement Projects throughout East Baton Rouge Parish. Chris served as Survey Project Manager on each of these projects which included cross-sectioning and tracing the channel at each location. These included bridges over Dawson Creek, Claycut Bayou, Copper Mill Bayou, and Cypress Bayou.			
10/15 - 12/18	<b>I-10 TEXAS STATE LINE - EAST OF COONE GULLY   LADOTD H.003184.5   Calcasieu Parish, LA</b> Survey Project Manager for this six-lane widening of I-10 Project. Duties performed on this project included the review of the survey information from crew, verification of project delivery schedule, processing of data and final review of submittal of project. 3D Terrestrial Scanning was used in conjunction with traditional means and methods for the completion of this project.			
07/17 - 12/18	<b>LA 30 ROUNDABOUT AT TANGER I-10   LADOTD H.010960.5-2   Ascension Parish, LA</b> Survey Manager for the project. Duties included a complete topo survey, utility coordination and drainage, along with finish floor elevations of all buildings that fall within the survey limits. Project included data collection of the topography via traditional means and methods along with <b>3D terrestrial scanning</b> .			







<b>10/16 - 11/16</b>	<b>LA 443: TANGI RIVER BRIDGE REPLACEMENT   LADOTD H.012728.5   Tangipahoa Parish, LA</b> Project Manager. 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. To utilize data collection of the failed bridge, <b>3D Terrestrial Scanning</b> was incorporated in conjunction with traditional means to complete the topographic survey. Due to the nature of the project being an Emergency Bridge replacement all staff worked on this project non-stop until field work was completed in less than 3 weeks.
<b>10/15 - 01/16</b>	<b>HANKS DR/LANDIS DRIVE PEDESTRIAN IMPROVEMENTS   LADOTD H.011773   East Baton Rouge Parish, LA</b> Survey Project Manager. Project included a <b>topographic survey</b> and establishment of the <b>ROW</b> for Hanks Dr. for installation of new sidewalk.
<b>06/11 - 09/13</b>	<b>LA 42 WIDENING AND IMPROVEMENTS   LADOTD 260-01-0028, H.002372   Ascension Parish, LA</b> Professional Land Surveyor. Project included <b>boundary</b> and <b>topography</b> , establishing the existing <b>ROW</b> and acquisition of additional ROW.


FIRM EMPLOYED BY		Civil Design & Construction, Inc. (CD&C)			
NAME	Philip Dupree		YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER		10
TITLE	Survey Party Chief		YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)		30
DEGREE(S) / YEARS / SPECIALIZATION		NSPS Certified Technician   Level III, Boundary Cert No. 0799-1106   Nationwide			
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A			
YEAR REGISTERED	N/A	DISCIPLINE	N/A		
Contract role(s) / brief description of responsibilities	Philip will serve as a <b>SR. SURVEY PARTY CHIEF</b> for this contract. He will work to oversee a crew as well as aide in coordinating all crews with Survey PM to ensure field work is being completed timely and accurately.				
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc.				
07/20 - 04/21	<b>COMITE RIVER DIVERSION BRIDGE AT LA 67, LA 19 AND LA 19 RAILROAD BRIDGE   LADOTD H.001352.5 &amp; H.002273.5   East Baton Rouge Parish, LA</b> Senior Party Chief & Field Coordinator for this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.				
01/18 - 02/20	<b>I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12   LADOTD H.004100   West and East Baton Rouge, LA</b> Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.				
07/17 - 12/18	<b>LA 30 ROUNDABOUT AT TANGER I-10   LADOTD H.010960.5-2   Ascension Parish, LA</b> Field coordinator on this project by working specifically to set the control on the job and overseeing field crews as they work to complete the topography.				
10/15 - 12/18	<b>I-49 SOUTH AT VEROT SCHOOL ROAD   LADOTD H.011235   Lafayette, LA</b> Field coordinator on this project. He resurrected the original control set on the project and oversaw the checking of it. Mr. Dupree was the field coordinator with the R/R and also the SUE contractor on the project. He oversaw all field crews and ensured that the project was completed accurately and timely.				
01/16 - 08/16	<b>US 190 SUPERSTREET   LADOTD H.005733.5   St. Tammany Parish, LA</b> Field coordinator on this urban roadway topography project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule.				
10/16 - 11/16	<b>LA 443: TANGI RIVER BRIDGE REPLACEMENT   LADOTD H.012728.5   Tangipahoa Parish, LA</b> Field coordinator on this project. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer's design of the new bridge. To utilize data collection of the failed bridge, 3D Terrestrial Scanning was incorporated in conjunction with traditional means to complete the topographic survey.				
07/14 - 10/15	<b>NORTH ST. TO PLANK ROAD   LADOTD H.010319.5   Baton Rouge, LA</b> Field coordinator on this heavily traveled Interstate project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule. He also coordinated with the district and state police to oversee the rolling lane closure that was required to obtain the drainage invert data.				
10/14 0 12/14	<b>WEST PRIEN LAKE   LADOTD H.011088.5   Lake Charles, LA</b> Sr. Party Chief for this project working to collect all field data as required by the project. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.				


FIRM EMPLOYED BY		Civil Design & Construction, Inc. (CD&C)		
NAME	Jason Stoehr	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	5	
TITLE	Survey Party Chief	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	0	
DEGREE(S) / YEARS / SPECIALIZATION		N/A		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A		
YEAR REGISTERED	N/A	DISCIPLINE	N/A	
Contract role(s) / brief description of responsibilities	Jason will serve as a <b>SURVEY PARTY CHIEF</b> for this contract. He will manage a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc.			
07/20 - 04/21	<b>COMITE RIVER DIVERSION BRIDGE AT LA 67, LA 19 AND LA 19 RAILROAD BRIDGE   LADOTD H.001352.5 &amp; H.002273.5   East Baton Rouge Parish, LA</b> Party Chief on this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.			
01/18 - 01/20	<b>I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12   LADOTD H.004100   West and East Baton Rouge, LA</b> Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.			
07/17 - 12/18	<b>LA 30 ROUNDABOUTS AT TANGER I-10   LADOTD H.010960.5-2   Ascension Parish, LA</b> Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
08/16 - 01/18	<b>I-49 SOUTH AT VEROT SCHOOL ROAD   LADOTD H.011235   Lafayette, LA</b> Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
02/19 - 09/19	<b>BRIDGE REPLACEMENTS IN EAST FELICIANA PARISH   Rural East Feliciana Parish, LA</b> Jr. Party Chief on this project for East Feliciana Parish Police Jury. It includes the replacement of 2 bridges which were damaged from flooding and the repairs to many rural roadways throughout the parish. These projects are being funded thru FEMA and all documentation has to be in accordance with FEMA's policies and procedures.			
7/17 - 12/18	<b>I-10 TEXAS STATE LINE -EAST OF COONE GULLY   LADOTD H.003184.5   Calcasieu Parish, LA</b> Instrument Man on this project by aiding the crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			

FIRM EMPLOYED BY		Civil Design & Construction, Inc. (CD&C)		
NAME	Trent Norris	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	8	
TITLE	Senior Technician	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	0	
DEGREE(S) / YEARS / SPECIALIZATION		NSPS Certified Survey Technician   Level I Boundary Certificate No.: 0418-5963		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A		
YEAR REGISTERED	N/A	DISCIPLINE	N/A	
Contract role(s) / brief description of responsibilities	Trent will serve as a <b>SR. TECHNICIAN</b> for this contract. He serves as the firm's 3D Scanning Technician who will aide in field data collection as well as process all 3D scan data in the office and assist in any other processing to complete the submittal.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc.			
01/18 - 01/20	<b>I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12   LADOTD H.004100   West and East Baton Rouge, LA</b> 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.			
07/17 - 12/18	<b>LA 30 ROUNDABOUTS AT TANGER I-10   LADOTD H.010960.5-2   Ascension Parish, LA</b> 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.			
04/17 - 07/17	<b>LA 58 PETIT CAILLOU BRIDGE REHABILITATION (SARAH BRIDGE)   LADOTD H.010006.5-3   Terrebonne Parish, LA</b> 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.			
08/16 - 01/18	<b>I-49 SOUTH AT VEROT SCHOOL ROAD   LADOTD H.011235   Lafayette, LA</b> 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.			
10/16 - 10/16	<b>LA 443 EMERGENCY BRIDGE REPLACEMENT   LADOTD H.012728.5   Tangipahoa Parish, LA</b> 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.			
10/15 - 12/18	<b>I-10 TEXAS STATE LINE -EAST OF COONE GULLY   LADOTD H.003184.5   Calcasieu Parish, LA</b> 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.			
01/16 - 07/16	<b>US 190 SUPERSTREET   LADOTD H. 005733.5   St. Tammany Parish, LA</b> 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.			

FIRM EMPLOYED BY		Civil Design & Construction, Inc. (CD&C)		
NAME	Scott Benton	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	5	
TITLE	Senior Technician	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 will serve as a <b>SENIOR TECHNICIAN</b> for this contract. He is specialized in 3D Terrestrial Scanning, processing, and extraction.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc.			
12/19 – 01/20	<b>I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12   LADOTD H.004100   West and East Baton Rouge, LA</b> 3D Scanning Technician for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.			
03/14 – 06/14	<b>CLEO ROAD ROUNDABOUT   LADOTD H.008369   St. Tammany Parish, LA</b> Senior Technician on this project processing survey field data. CD&C was responsible for the topographic survey that began approximately 2400 ft. NW of intersection of I-59 and US Hwy 1090 and ended approximately 1000 ft. NW of intersection of I-59 and US Hwy 1090. The survey also included 500 ft. of Cleo Road and 175 ft. of Avenue D.			
05/13 – 07/13	<b>LA 1 RAILROAD BRIDGE AT DOW   LADOTD H.009288   West Baton Rouge, LA</b> Survey Crew Instrument Man and later as a technician on this project processing survey field data. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.			
02/13 – 06/13	<b>LA 447   LADOTD H.005693   Walker, LA</b> Survey Crew Instrument Man and later as a technician on this project processing survey field data. CD&C's responsibilities included all field work, utility coordination, review of existing survey data provided by LADOTD and all office work to produce the final product; this includes merging of supplied survey from LADOTD and survey by CD&C. CD&C also performed the tie-in of the new survey to the existing survey provided by LADOTD to produce an overall deliverable to be utilized in this design.			
10/14 – 12/14	<b>WEST PRIEN LAKE   LADOTD H.011088.5   Lake Charles, LA</b> Survey technician on this project processing survey field data. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.			
07/14 – 10/15	<b>I-110 NORTH ST. TO PLANK ROAD   LADOTD H.010319.5   Baton Rouge, LA</b> 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting necessary topographic data from them thru TopoDot to put into InRoads.			



FIRM EMPLOYED BY		Civil Design & Construction, Inc. (CD&C)		
NAME	Jacob Stoehr	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	7	
TITLE	Survey Party Chief	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	1.5	
DEGREE(S) / YEARS / SPECIALIZATION		N/A		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A		
YEAR REGISTERED	N/A	DISCIPLINE	N/A	
Contract role(s) / brief description of responsibilities	Jacob will serve as a <b>SURVEY PARTY CHIEF</b> for this contract. He manages a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc.			
01/18 - 01/20	<b>I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12   LADOTD H.004100   West and East Baton Rouge, LA</b> Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.			
07/17 - 12/18	<b>LA 30 ROUNDABOUT AT TANGER I-10   LADOTD H.010960.5-2   Ascension Parish, LA</b> Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
08/16 - 01/18	<b>I-49 SOUTH AT VEROT SCHOOL ROAD   LADOTD H.011235   LAFAYETTE, LA</b> Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
05/17 - 07/17	<b>ROUNDABOUT US 171 AT BOONE STREET   LADOTD H.011909.5-2   Vernon Parish, LA</b> Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
01/16 - 08/16	<b>US 190 SUPERSTREET   LADOTD H. 005733.5   St. Tammany Parish, LA</b> Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
10/15 - 12/18	<b>I-10 TEXAS STATE LINE –EAST OF COONE GULLY   LADOTD H.003184.5   Calcasieu Parish, LA</b> Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
10/16 – 11/16	<b>LA 443 EMERGENCY BRIDGE REPLACEMENT   LADOTD H.012728.5   Tangipahoa Parish, LA</b> Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			

FIRM EMPLOYED BY		Civil Design & Construction, Inc. (CD&C)		
NAME	Drennon Humphreys	YEARS OF EXPERIENCE WITH THIS FIRM/EMPLOYER	1.5	
TITLE	Survey Party Chief	YEARS OF EXPERIENCE WITH OTHER FIRM(S)/EMPLOYER(S)	0	
DEGREE(S) / YEARS / SPECIALIZATION		N/A		
ACTIVE REGISTRATION NUMBER / STATE / EXPIRATION DATE		N/A		
YEAR REGISTERED	N/A	DISCIPLINE	N/A	
Contract role(s) / brief description of responsibilities	Drennon will serve as a <b>SURVEY PARTY CHIEF</b> for this contract. He manages a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.			
Experience dates (mm/yy - mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "Designed drainage", "designed girders", "designed intersection", etc.			
01/21 - 06/21	<b>REEDS BRIDGE RD. CALCASIEU RIVER RELIEF   LADOTD H.013959   Allen Parish, LA</b> Instrument Man. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.			
02/21 - 05/21	<b>CARPENTERS BRIDGE RD. WHISKEY CHITTO CREEK   LADOTD H.013958   Allen Parish, LA</b> Instrument Man. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.			
02/21 - 01/22	<b>MOVE BR: LEE DRIVE - HIGHLAND RD. TO PERKINS RD   MOVEBR   Baton Rouge, LA</b> Instrument Man. CD&C was a sub-consultant on this MoveBR widening project is responsible for topographic and ROW surveying for this 1.8 mile road improvement project as part of the Move BR infrastructure initiative.			
04/21 - 12/21	<b>MOVE BR: HENNESSY BLVD. -PERKINS RD. TO PICARDY AVE   MOVEBR   Baton Rouge, LA</b> Instrument Man. CD&C was a sub-consultant on this MoveBR widening project is responsible for topographic and ROW surveying for this 0.4 mile road improvement project to create an underpass at the R/R crossing. This project is a part of the Move BR infrastructure initiative.			
01/22 - Ongoing	<b>LOUISIANA WATERSHED INITIATIVE REGION 5 - TASK ORDER 2   LADOTD 4400017091   LA</b> Instrument Man and now Party Chief on this Louisiana Watershed Initiative project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.			
01/22 - 05/22	<b>BEAMON RD. BAYOU MARINGOUIN   LADOTD H.013956   Pointe Coupee Parish, LA</b> Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.			

## 17. Firm Experience:

FIRM NAME	Stantec Consulting Services Inc.		PAST PERFORMANCE EVALUATION CATEGORY(IIES)*	Road, Traffic
PROJECT NAME	I-49 LAFAYETTE CONNECTOR		FIRM RESPONSIBILITY (prime or sub?)	Prime
PROJECT NUMBER	H.004273.5 (4400004128)	OWNER'S NAME	Louisiana Department of Transportation and Development	
PROJECT LOCATION	Lafayette, Louisiana		OWNER'S PROJECT MANAGER	Stephen Glascock
OWNER'S ADDRESS, PHONE, EMAIL	1201 Capital Access, Baton Rouge, LA 70808   225-379-1110   stephen.glascock@la.gov			
SERVICES COMMENCED BY THIS FIRM (MM/YY)	07/15	TOTAL CONSULTANT CONTRACT COST (\$1,000's)		\$32,500
SERVICES COMPLETED BY THIS FIRM (MM/YY)	Ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000's)		\$17,000

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

### Connecting communities is what the I-49 Connector project is all about.

Stantec serves as the Prime Consultant and Program Manager for the proposed 5.5 mile elevated six-lane interstate facility highway, it will traverse urban **Lafayette, Louisiana** from the Lafayette Regional Airport to the I-10/I-49 Interchange. The overall project includes construction of a freeway with accompanying interchanges in the Evangeline Thruway / US 90 / US 167 corridor and flanking frontage roads for local traffic circulation and access. A critical transportation link, the I-49 Connector will be one of the final major components to completing the "Future I-49 Corridor", which has been planned by Louisiana for decades. LADOTD began planning for the project in 1990 and after an alternative was selected the project was put on hold in 2006.

When LADOTD re-started the project in 2015, Stantec embraced the opportunity to help weave the project into the neighborhood fabric and engage the community in creating a true community asset. In the fall of 2015, LADOTD decided to re-engage the community to re-configure the project to meet current expectations.

Stantec helped develop **refinements to the project geometrics** based on overwhelming public feedback by eliminating 2 major interchanges and creating a frontage road / slip ramp configuration. This value planning exercise simplified and streamlined the project while helping to reduce project costs by ~\$400M. Numerous project elements have been evaluated with feasibility-level assessments, **including alternate ramp locations, typical sections, intersection treatments, interchange options as well as composite alternatives.**

A Supplemental Environmental Impact Statement (SEIS) will be completed that incorporates guidance from the CSS process. The functional plan will then be completed, which includes final geometrics, traffic and ITS analyses, EIS re-evaluation, bridge-type selection, lighting, rail and airport coordination, and underpass planning, along with preliminary geotechnical investigation. SUE, topographic survey and mapping services are underway and stand at about 90% complete.

Stantec is leading the overall Project Management effort, as well as the full Traffic Analysis and Geometric Design for this project. The horizontal and vertical geometry will meet the **2017 Design Guidelines**, and a full analysis of intersection geometry using Autoturn has been performed for various design vehicles as well as determining sight distance requirements which also contributes to **determining the required right-of-way for the project.** Close coordination between traffic, geometric, bridge design, and environmental components of the project has been a critical element to ensuring consistency and avoiding fatal flaws for the project. In addition, the geometric effort includes development of complete streets components along the corridor, which takes projects planned by the City of Lafayette for pedestrians and bicycles from a connectivity standpoint. **Stakeholder coordination** has also been performed to refine the geometry to meet the needs of various developments throughout the project area which include the Lafayette Regional Airport, Acadiana Dodge and Mazda, St. Genevieve Catholic Church, the Lafayette Visitor's Center, and the Philadelphia Christian Church.

Analysis of different alignments and interchange configurations are being performed using **TransCAD, Vistro, HCS, and VISSIM software.** The traffic evaluation includes a detailed Vistro model of 60 intersections along the project corridor. Each intersection is being evaluated for potential control type changes to either unsignalized, signalized, or roundabout control.

TEAM MEMBERS INVOLVED: G. HEITMAN, J. CAINS, C. HALL, J. LEFANTE, N. PRUDHOMME, M. O'ROURKE, H. KREBS, S. MENSAH, M. NEUMANN, W. HAWKINS, S. HOFFELD, B. JOHNSON, A. BOTROS

### TASK RELEVANCE:

- ☒ Topographic & Property Survey
- ☒ Roadway/Geometric Design
- ☒ Preliminary Hydraulic Analysis
- ☒ Traffic Analysis & Modeling
- ☒ Environmental
- ☒ Community Involvement
- ☒ Innovative Interchange and Intersection Design

FIRM NAME	Stantec Consulting Services Inc.		PAST PERFORMANCE EVALUATION CATEGORY(IES)*	Road, Traffic, Bridge
PROJECT NAME	US 90 AT LA 318 INTERCHANGE DESIGN-BUILD		FIRM RESPONSIBILITY (prime or sub?)	Sub-consultant
PROJECT NUMBER	H.004932	OWNER'S NAME	Louisiana Department of Transportation and Development	
PROJECT LOCATION	St. Mary Parish, Louisiana		OWNER'S PROJECT MANAGER	Timothy Nickel, PE
OWNER'S ADDRESS, PHONE, EMAIL		1201 Capital Access Road, Baton Rouge, LA 70802   225-379-1110   timothy.nickel@la.gov		
SERVICES COMMENCED BY THIS FIRM (MM/YY)	07/15	TOTAL CONSULTANT CONTRACT COST (\$1,000's)		\$4,917
SERVICES COMPLETED BY THIS FIRM (MM/YY)	06/18	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000's)		\$4,258

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

### Improved the intersection of US 90 at LA 318 to a grade separated interchange and upgraded to interstate standards in preparation for the Future I-49 Corridor.

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

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

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

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

Stantec was heavily involved in the construction process, **providing construction support by responding to Contractor RFIs, NCRs, and design clarifications** needed to assist them with making progress. We also attended weekly progress meetings and quarterly partnering meetings throughout the process.

TEAM MEMBERS INVOLVED: G. HEITMAN, J. CAINS, C. HALL, B. JOHNSON, J. LEFANTE, N. PRUDHOMME, M. O'ROURKE, H. KREBS, M. NEUMANN, J. KREBS, K. MALPANI

#### TASK RELEVANCE:

- ☒ Survey/ROW Maps
- ☒ Preliminary & Final Roadway Design, Plan Development & Cost Estimates
- ☒ Hydraulic Analysis & Design
- ☒ Traffic Control Design, Traffic Signal Analysis & Design
- ☒ Road Design Services during Environmental
- ☒ Bridge Design
- ☒ Sanitary Sewer Design
- ☒ Quality Review
- ☒ Construction Support





FIRM NAME	Stantec Consulting Services Inc.		PAST PERFORMANCE EVALUATION CATEGORY(IES)*	Road
PROJECT NAME	LA 86 AT LA 320 ROUNDABOUT		FIRM RESPONSIBILITY (prime or sub?)	Prime
PROJECT NUMBER	H.009142	OWNER'S NAME	Louisiana Department of Transportation and Development	
PROJECT LOCATION	New Iberia, Louisiana		OWNER'S PROJECT MANAGER	Joshua Harrouch
OWNER'S ADDRESS, PHONE, EMAIL		1201 Capital Access, Baton Rouge, LA 70808   225-242-4640   joshue.harrouch@la.gov		
SERVICES COMMENCED BY THIS FIRM (MM/YY)	01/14	TOTAL CONSULTANT CONTRACT COST (\$1,000's)		\$233.9
SERVICES COMPLETED BY THIS FIRM (MM/YY)	03/18	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000's)		\$233.9

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

**As a task order for a Safety Retainer Contract with LADOTD, this project proposed to install a single lane roundabout at the intersection of LA 86 and LA 320, located on the outskirts of New Iberia, LA in District 03.**

This project site had a history of high-crash frequency, and a roundabout was proposed to mitigate these safety issues, as well as address excessive queuing of vehicles due to the existing 4-way stop control.

Stantec provided the full design of the roundabout and developed construction plans using the latest LADOTD and FHWA guidance which included rural drainage design, utility coordination, joint layouts, graphical grades, **maintenance of traffic with phased construction, diversions, detours, and striping and signing.** The intersection design also included special consideration for windmill transport vehicles over 155 feet long. Additionally, to address the concerns of the public, special consideration was made for the timing of construction in this heavily agricultural community by ensuring that sugarcane transport vehicles were not impeded during harvest season.

Joe Cains provided technical guidance during the plan development process, helping with constructability, quality control/quality assurance, and maintenance of traffic solutions. Nick Prudhomme headed the effort for project delivery including all roadway design aspects such as horizontal and vertical geometry, striping, signing, drainage, roadway modeling, and cost estimation. Gary Heitman provided technical guidance for the project and managed the overall Safety Retainer Contract.

Stantec was able to deliver the plans in less than 2 years, with construction lasting for about 3 years. **Construction support was provided during the construction phase to address contractor questions, RFIs, etc.**

TEAM MEMBERS INVOLVED: J. CAINS, G. HEITMAN, N. PRUDHOMME

#### TASK RELEVANCE:

- ☒ Scoping & PM
- ☒ Surveying
- ☒ Roadway & Drainage Design
- ☒ Roundabout Design
- ☒ Site & Field Reviews
- ☒ Signing & PM
- ☒ TTC, WZSD
- ☒ Quantities/Cost Estimates
- ☒ Construction Support





FIRM NAME	Stantec Consulting Services Inc.		PAST PERFORMANCE EVALUATION CATEGORY(IES)*	Road, Bridge, Traffic
PROJECT NAME	LADOTD RETAINER CONTRACT FOR ROADWAY PROJECTS		FIRM RESPONSIBILITY (prime or sub?)	Prime
PROJECT NUMBER	H.4400002748	OWNER'S NAME	Louisiana Department of Transportation and Development	
PROJECT LOCATION	Statewide, Louisiana		OWNER'S PROJECT MANAGER	Ryan McMillan
OWNER'S ADDRESS, PHONE, EMAIL		1201 Capital Access, Baton Rouge, LA 70808   225-379-1388   ryan.mcmillan@la.gov		
SERVICES COMMENCED BY THIS FIRM (MM/YY)	10/12	TOTAL CONSULTANT CONTRACT COST (\$1,000's)		\$2,835.2
SERVICES COMPLETED BY THIS FIRM (MM/YY)	09/17	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000's)		\$2,567.3

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

**Under this retainer, Stantec helped LADOTD deliver improvements on major congested roadway corridors, providing relief to these areas for years to come.**

Task orders for this retainer contract focused primarily on major corridors in congested areas. We provided **topographic surveys, roadway design, hydraulic analysis** & design, structural design, traffic analysis & modeling, traffic control, signal design, and construction plans for these projects as required. Prior to each submittal we performed **internal and independent quality reviews** to ensure seamless integration of all disciplines in well-organized, constructible plan sets. In addition, we evaluated these corridors for complete streets implementation in accordance with LADOTD and local policies and guidance.

**Essen Lane Widening project:** included Roadway Design support for environmental clearance, providing exhibits, cost estimates, and technical discussions of the project, in addition to participating in the public meeting. Following environmental clearance we **provided final roadway (including hydraulic analysis and design), bridge, and signal plans** for the project, and coordinated with all parties to make sure the final construction documents were delivered in a timely manner. This project also included the development of a Level 2 TMP document. During the construction phase, we also **assisted District 61 with construction support** by coordinating solutions for utility conflicts, as well as **answering RFIs and providing any design clarifications** requested to assist the contractor in completing construction. Now complete, Essen Lane has greatly reduced congestion along the corridor, and improved mobility and accessibility for this principal arterial in Baton Rouge.

**Government Street project:** included **extensive traffic analysis**, modeling, and safety analysis to develop conceptual alternatives to increase traffic safety and improve access management in this highly commercial corridor. Again, the considerations of the LADOTD Complete Streets policy played a key role in deciding the alternative chosen for implementation. A "road diet" was identified as the preferred alternative including a roundabout at the intersection of Government St. and Lobdell Ave., and Stantec **developed final construction plans** for these improvements. The construction plans consisted of **roadway plans (including hydraulic analysis and design), signal warrants and plans**, as well as landscaping plans for enhancement of this corridor. During the construction phase, we **provided construction support** by answering contractor questions, providing design clarifications, and coordinating with stakeholders about access.

**W. Prien Lake Road Relocation project:** task order was initiated through a third party stakeholder (developer) who was willing to donate the right-of-way for the project in exchange for access related to their development. Stantec was asked to develop **preliminary and final plans** for the project, which included complete streets features such as a separated shared use path and sidewalk to promote bicycle and pedestrian mobility as well as a multi-lane roundabout. The project also featured a new signalized intersection at the relocated roadway and Nelson Road, which required our team to develop traffic signal warrants, signal timing analyses and signal plans. Due to the planned urban setting for this area, this project also provided subsurface drainage as well as **hydraulic analysis of a 12'x12' multi-barrel box culvert which was also designed by Stantec's structures group**. Since the improvements impacted certain areas near the Nelson Road interchange at I-210, Stantec developed a Level 2 TMP document. Stantec also **provided construction support** during the construction phase of the project, **providing timely answers to contractor RFIs** and questions, as well as **reviewing shop drawings**. Now complete, this project has improved traffic flow in this very congested area of Southwest Lake Charles.

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

#### TASK RELEVANCE:

- ☒ Survey/ROW Maps
- ☒ Preliminary & Final Roadway Design, Plan Development & Cost Estimates
- ☒ Hydraulic Analysis & Design
- ☒ Traffic Control Design, Traffic Signal Analysis & Design
- ☒ Road Design Services during Environmental
- ☒ Special Provisions
- ☒ Quality Review
- ☒ Construction Support & Shop Drawing Review



FIRM NAME	Stantec Consulting Services Inc.		PAST PERFORMANCE EVALUATION CATEGORY(IES)*	Road, Bridge, Traffic, ITS, Other (lighting)
PROJECT NAME	NELSON ROAD EXTENSION AND BRIDGE		FIRM RESPONSIBILITY (prime or sub?)	Prime
PROJECT NUMBER	H.005967 (700-10-0153)	OWNER'S NAME	Louisiana Department of Transportation and Development	
PROJECT LOCATION	Lake Charles, Louisiana		OWNER'S PROJECT MANAGER	Christina Brignac
OWNER'S ADDRESS, PHONE, EMAIL		1201 Capital Access, Baton Rouge, LA 70808   225-379-2516   christina.brignac@la.gov		
SERVICES COMMENCED BY THIS FIRM (MM/YY)	11/10	TOTAL CONSULTANT CONTRACT COST (\$1,000's)		\$2,902.1
SERVICES COMPLETED BY THIS FIRM (MM/YY)	Ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000's)		\$2,379.3

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

**Safety and multi-modal improvements were key to the success of this project. The City of Lake Charles, LADOTD, FHWA, and the Port of Lake Charles were the key stakeholders in completing this crucial roadway network link to the Port of Lake Charles City Docks facilities and downtown Lake Charles area.**

To deliver a project that has been planned for well over 40 years, Stantec is leading the efforts to construct a new high-level fixed span bridge over Contraband Bayou with access to the Port of Lake Charles and points east of the project. **Stantec** (under the supervision of FHWA and DOTD) **initially led the Stage 0 process, and eventually led the Environmental Assessment process** for this project to obtain a FONSI decision, in which an alternative analysis for potential roadway connections to the Port of Lake Charles and W. Sallier St. were driven by traffic analysis and an assessment of impacts on the area. **Stantec developed several other items for the EA document, including a Line & Grade Study, Traffic & Safety Analysis, Profile Grade investigation, Access management assessment, Vessel Survey, Complete Streets alternatives, as well as assisted with developing supporting exhibits and completing applications for USACE and USCG permitting with other project team members.** This project was used as the pilot for determining the reasonable needs of navigation, a modification to the previous bridge permit approval process which was implemented by USCG on the heels of a lawsuit in Washington State that the USCG was faced with after it was found that vessels not only needed physical navigation clearance but also an "air gap" for vessels that would navigate beneath the newly constructed structure. Stantec was tasked with performing a robust and thorough Vessel Survey that researched, identified, and interviewed vessel owners and marine business owners that utilized the waterway to determine all relevant vessel navigation needs. Stantec also managed the delivery of the EA document for approval, including leading the required public meeting and hearing during the NEPA process. After receipt of the FONSI, Stantec entered into Stage 3 Preliminary and Final Design Services.

**Stantec has completed the Final Plans Phase of the project** and is currently awaiting letting. The project is a multi-disciplinary effort including **Roadway Design**, subsurface drainage design, open ditch design, **bridge design over a navigable waterway**, traffic signal design, roadway lighting design, navigation lighting design, and railroad design (at-grade crossing and electrical equipment). The **topographic survey** for this project was provided through two team subconsultants (topographic and hydrographic survey) as well as partially in-house (topographic survey), so clear and frequent coordination was required during the early stages of preliminary design. Stantec delivered the project in the customary phases and has **performed Quality Reviews** throughout the process prior to milestone submittals. Due to the unique task of design for the proposed railroad crossing on the project, **Stantec has also developed technical specifications and special provisions for this project** through coordination with DOTD that is to be included in the bid package for construction.

Although a **TMP** was not required for this project as it is largely constructed in greenfield area, stakeholder coordination with the L'Auberge Du Lac Casino and Resort as well as the Port of Lake Charles was important during the planning process to coordinate the proposed **traffic control** as well as access management and impacts throughout all phases of construction. To assist with public media releases, Stantec also developed a 3D rendering using various viewpoints of the project (daytime and nighttime).

Stantec will also be involved in the Construction Phase of this project, providing **construction support** and limited CE & I services specific to lighting and railroad construction. This project is scheduled to go to construction in the Fall of 2022.

TEAM MEMBERS INVOLVED: G. HEITMAN, J. CAINS, C. HALL, J. LEFANTE, B. JOHNSON, N. PRUDHOMME, M. O'ROURKE, M. NEUMANN, H. KREBS, J. KREBS, A. BOTROS, K. MALPANI

#### TASK RELEVANCE:

- ☒ Topographic Survey
- ☒ Preliminary & Final Roadway Design, Plan Development & Cost Estimates
- ☒ Hydraulic Analysis & Design
- ☒ Traffic Control Design, Traffic Signal Analysis & Design
- ☒ Road Design Services during Environmental
- ☒ Special Provisions
- ☒ Quality Review
- ☒ USACE & USCG Permitting
- ☒ Construction Support



FIRM NAME	Civil Design & Construction, Inc. (CD&C)		PAST PERFORMANCE EVALUATION CATEGORY(IES)*		Survey
PROJECT NAME	I-10 TX STATE LINE EAST OF COONE GULLY			FIRM RESPONSIBILITY (prime or sub?)	Sub
PROJECT NUMBER	H.003184.5	OWNER'S NAME	Louisiana Department of Transportation and Development		
PROJECT LOCATION	Calcasieu Parish, LA			OWNER'S PROJECT MANAGER	Stanley Ard, PLS
OWNER'S ADDRESS, PHONE, EMAIL		1201 Capitol Access Road, Baton Rouge, LA 70802   225-379-1232   Stanley.ard@la.gov			
SERVICES COMMENCED BY THIS FIRM (MM/YY)	10/15	TOTAL CONSULTANT CONTRACT COST (\$1,000's)			N/A
SERVICES COMPLETED BY THIS FIRM (MM/YY)	12/18	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000's)			\$443
Describe the project including the firm's role and members involved. (Highlight members to be used in this proposal.)					

### **This was a 6-lane widening project on I-10 in Calcasieu Parish.**

The project limits extended from the foot of the Sabine River Bridge (approximately 0.5 miles east of the state line) to a point approximately 2000 feet east of the beginning of the existing 6-lane section (located East of Coone Gully). The survey width of the project was from apparent right of way to apparent right of way and 500 feet past the gore along each of the on and exit ramps.

In 2018, CD&C was supplemented to extend the original limits of this survey approximately 1500' and to pick up several other areas of additional topographic updates.

CD&C performed a complete topographic survey in accordance with the Location and Survey Manual and all current accepted Location and Survey Automation Procedures for this project. A topographic survey was already completed at all bridge sites located within the limits. The survey included all utilities with depths and information, all drainage structures, and all survey DTM and improvement features that fell inside the survey limits. Due to traffic concerns **3D Terrestrial Scanning was utilized for the location of roadways and traditional means and methods were used to complete the topographic survey on this project.** The final submittal of the survey was a combination of the supplied data from LADOTD for the bridges with the current survey that was completed for this project.

TEAM MEMBERS INVOLVED: K. WESTON, R. BURGESS, C. BALLARD, P. DUPREE, JACOB STOEHR, T. NORRIS, S. BENTON





FIRM NAME	Civil Design & Construction, Inc.		PAST PERFORMANCE EVALUATION CATEGORY(IES)*	Survey
PROJECT NAME	I-10: LA 415 TO ESSEN LANE ON I-10 AND I-12		FIRM RESPONSIBILITY (prime or sub?)	Sub
PROJECT NUMBER	H.004100	OWNER'S NAME	Louisiana Department of Transportation and Development	
PROJECT LOCATION	West and East Baton Rouge, LA		OWNER'S PROJECT MANAGER	Nicholas Olivier
OWNER'S ADDRESS, PHONE, EMAIL		1201 Capital Access Rd, Baton Rouge, LA 70802   225-379-1232   Nicholas.olivier@la.gov		
SERVICES COMMENCED BY THIS FIRM (MM/YY)	01/18	TOTAL CONSULTANT CONTRACT COST (\$1,000's)		N/A
SERVICES COMPLETED BY THIS FIRM (MM/YY)	Ongoing	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000's)		\$296

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

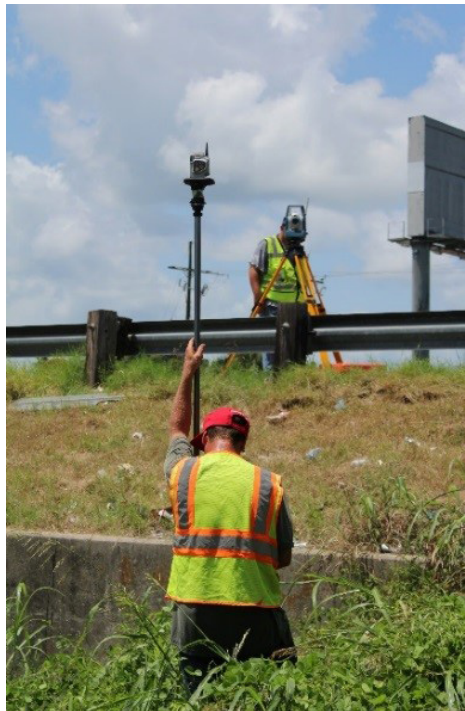
**This project is located in West Baton Rouge and East Baton Rouge Parishes in the cities of Port Allen and Baton Rouge, LA.**

A complete Topographic survey including all utilities (ASCE 38-02, QL "B") with depths and all drainage is required, along with Finish floor elevations of all buildings that fall within the survey limits. The survey begins 1,500 feet West of the western most entrance/exit ramps of the LA 415 and I-10 Interchange. From the I-10, I-12 split the survey shall proceed in southerly and easterly directions along the existing main alignment of I-10 for approximately 1.5 miles & I-12 for approximately 1.5 miles to end the route limits.

#### CD&C's Role:

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. **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.**

TEAM MEMBERS INVOLVED: K. WESTON, R. BURGESS, C. BALLARD, P. DUPREE, JACOB STOEHR, T. NORRIS



FIRM NAME	Civil Design & Construction, Inc. (CD&C)		PAST PERFORMANCE EVALUATION CATEGORY(IES)*	Survey
PROJECT NAME	VEROT SCHOOL ROAD		FIRM RESPONSIBILITY (prime or sub?)	Sub
PROJECT NUMBER	H.011235	OWNER'S NAME	Louisiana Department of Transportation and Development	
PROJECT LOCATION	Lafayette, LA		OWNER'S PROJECT MANAGER	Thomas Gattle (Huval & Assoc.)
OWNER'S ADDRESS, PHONE, EMAIL	922 W. Point Des Mouton Rd., Lafayette, LA 70507   337-234-3798   tgattle@huvalassoc.com			
SERVICES COMMENCED BY THIS FIRM (MM/YY)	08/16	TOTAL CONSULTANT CONTRACT COST (\$1,000's)		N/A
SERVICES COMPLETED BY THIS FIRM (MM/YY)	01/18	COST OF CONSULTANT SERVICES PROVIDED BY THIS FIRM (\$1,000's)		\$435

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

**This project is located in Lafayette Parish between Lafayette Regional Airport and Broussard, LA.**

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

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

TEAM MEMBERS INVOLVED: K. WESTON, R. BURGESS, C. BALLARD, T. NORRIS, P. DUPREE, JACOB STOEHR, JASON STOEHR





## PROJECT UNDERSTANDING

This IDIQ for Roadway Design Services will select a Team to work as an extension of DOTD's District 03's engineering staff to support the design and plan preparation of Preliminary and Final Roadway Plans, as well as provided pre-bid and construction support services. The task orders issued will vary in scope, duration, and complexity. A task order could include a combination of roadway corridor improvements or intersection improvements, which may also consist of drainage, sewer, and structural improvements. Having experience with previous retainer contracts, **Stantec is very familiar with DOTD's requirements**, policies, guidance, manuals, and specifications and our staff has extensive experience with all types of roadway projects and their various elements. **We understand that any task orders executed under this IDIQ are on a compressed schedule** and are required to be completed prior to the IDIQ contract expiration. We will work with DOTD (HQ & District) to make sure that the task orders we are assigned exceed DOTD's expectations. **Stantec has a lot of experience in District 03**, having successfully completed several projects including the LA 86 @ LA 320 Roundabout, the US 90/LA 318 Design-Build Interchange, the US 90 at LA 85 Design-Build Interchange and Frontage Roads. In addition, we are currently working on the planning phase of the high-profile I-49 Connector project in Lafayette. Over the years we have developed a good working relationship with previous District 03 staff such as Bill Oliver and Steve Draughon, but also continue to work closely with Michael DeSelle and Deidra Druilhet and have also worked with other staff such as Nick Fruge. We know we will continue our good working relationship with current District 03 staff once Stantec is awarded this retainer contract.

## PROJECT SERVICES + APPROACH

While task orders for a Roadway Design IDIQ are focused on a particular roadway improvement, they typically involve roadway design and a variety of additional services including field reviews, topographic and property survey, R/W maps, geotechnical, bridge, traffic, hydraulics, environmental and permitting, utilities, and construction support. Specific to this advertisement, Construction Proposal services, CPM scheduling and shop drawing reviews may also be required. Stantec's Team is familiar with each of these elements of design, pre-bid, and construction services and understands the expectations set forth in the scope of services. We are confident that we have the expertise to address any challenges that may arise during a task order and the depth of bench to meet the compressed schedule noted in the advertisement.

The Consultant PM will coordinate with the DOTD PM on a recurring basis for potential / pending Task Order status updates. When a task order has been identified, the Consultant team will meet with key members of DOTD to gain a full understanding of the scope of work, the information that is available from DOTD

such as previous plans and studies within the project area, as-built plans, and the status of other information that DOTD is responsible for providing. Stantec will attend the meeting prepared with questions based on a preliminary investigation of the project area to help the project team understand the scope of work. Following the meeting, Stantec will prepare the work hour proposal completely and expeditiously. Stantec will also work with CD&C (survey sub) and the District to establish the survey limits and the best methodology for the collection of data to provide a work hour estimate for the survey.

Once the task order has been negotiated and NTP is issued a **Pre-Design Planning Conference** will be scheduled prior to the start of work by the consultant at District 03 Headquarters Administration Building. The meeting will be led by DOTD's Project Manager from District 03 and will include DOTD's task managers and members of the Consultant Team. Stantec will complete and submit a Draft Pre-Design Conference form ahead of the meeting date for DOTD consideration. At this meeting, the District's Project Manager will provide any information DOTD has on hand concerning the project and DOTD's task leaders will communicate any expectations they have for the project. The design criteria for the project will be agreed upon at this conference and a Final Pre-Design Planning Conference form will be completed by Stantec to document decisions made at the conference.

Deliverables will be prepared in accordance with **Stantec's Quality Assurance/Quality Control (QA/QC) Plan** which will be submitted within 10 days of the notification of award. All deliverables transmitted to the Department will adhere to established DOTD policies, procedures, standards, and guidelines and will be transmitted with **DOTD's QA/QC checklists** certifying that the deliverables meet DOTD's quality standards. The QA/QC Plan will be updated as needed for each task order.

### Topographic Survey

If Topographic Survey will be required for the task order, CD&C will also attend the Pre-Design Planning Conference or a separate pre-survey meeting to discuss their work plan for the project and their schedule for data collection and processing. CD&C will ensure that the topographic survey shall adhere to all modern survey theory, practice, and procedures, and **follow the latest version of the DOTD Location and Survey Manual** including typical surveying methods as applied by DOTD.

This includes all accepted horizontal and vertical control standards as stated in the manual (Louisiana State Plan Coordinate System, NAD-83-92 with GPS observations). The survey shall include staking the centerline wherever possible, establishment of referenced iron rods, and a referenced system of benchmarks on a closed level circuit as necessary. A sketch of the survey line shall be submitted to DOTD Location and Survey Administrator for approval immediately after the line is established and prior to proceeding with survey.

Upon final processing of the survey, a final QC of the survey will be performed by CD&C's project manager and/or the principal surveyor. This QC will involve reviewing

all data received from beginning of the project to the end of the project, checked against all data received from DOTD and data received from utilities, and finally a site visit will be performed to confirm the survey. A letter certifying adherence to all DOTD standards will be signed and sealed by the supervising professional land surveyor accompanied by the Engineer's Letter of Acceptance of the survey.

## Property Survey + R/W Maps

Property Survey and R/W Maps have been stipulated as potential tasks in the scope of services. CD&C is very familiar with DOTD's requirements for title take-offs, property survey and the production of R/W Maps in accordance with DOTD's Location and Survey Manual and has provided these services on many DOTD projects. Stantec has also worked frequently with Robert Richard who has handled Real Estate needs for DOTD in District 03 in the past.

## Preliminary + Final Roadway Design, Plan Development + Cost Estimates

Once the topographic survey and any other project specific data gathering efforts are completed and approved for use on the project the roadway design can begin.

**Any property survey needs can run concurrently with Preliminary Design services to expedite the delivery schedule.** DOTD's Roadway Design milestone submittals for **Preliminary plans** typically include 30%, 60%, 95% and 100% plans. Major tasks for each submittal are shown below (Source: Fig. 1-03 Road Design Manual).

30%	<ul style="list-style-type: none"> <li>Title Sheet, Prelim. Typical Section with Traffic Data</li> <li>Plan and Profiles with Existing Topo.</li> <li>Utility and Railroad (if applicable) Review</li> </ul>
60%	<ul style="list-style-type: none"> <li>Horizontal &amp; Vertical Alignments</li> <li>Geometric Details &amp; Cross Sections &amp; Preliminary Taking Lines</li> <li>Cost Analysis for structure design w/report &amp; explanation of Structure Design Process</li> <li>Hydraulic Analysis &amp; Preliminary Hydraulics Report</li> <li>Preliminary Design Report</li> </ul>
95% PIH	<ul style="list-style-type: none"> <li>Geometric &amp; Hydraulic Comments Addressed</li> <li>Preliminary sequence of construction</li> <li>Preliminary right-of-way taking line &amp; 60% Base ROW Maps for JPR</li> <li>Summary of estimated quantities with pay items only</li> </ul>
100%	<ul style="list-style-type: none"> <li>Plan-In-Hand Comments Addressed</li> <li>Final right-of-way taking lines</li> <li>Permit sketches</li> <li>Preliminary cost estimate</li> <li>Final Design Report</li> </ul>

The 95% plans will be submitted to DOTD for distribution at least 21-days prior to the Plan-In-Hand meeting. Stantec will note plan-in-hand questions requiring DOTD input in the 95% submittal. A field review may also be warranted to observe unique design challenges or safety concerns first hand. **At the conclusion of the preliminary plans the design is considered to have progressed enough to have defined the geometry and scope of the improvement, right-of-way taking needs,**

**and all major quantities on the project.** The project team will have received review comments from DOTD at each milestone and the parameters of the design will have been communicated with other project stakeholders including the District, utility companies, railroads (if applicable) and community leaders as appropriate. Per the advertisement, Plan-In-Hand comments will be incorporated, and a reproducible copy of the 100% preliminary plans will be submitted to the project manager.

## Structure Design and Analysis

If an assigned task order includes a structure, whether a bridge, non-standard box culvert, or sign supports, Stantec is equipped to provide guidance on soil boring locations and perform structural analyses to meet task requirements. We have prepared cost analyses to identify the most economical structure types on several projects, including Nelson Road Ext. in Lake Charles and Tarbutton Rd. Interchange in Ruston. The approach to each structure specific task will begin with reviewing relevant sections in the latest **AASHTO LRFD Bridge Design Specifications and the DOTD BDEM**. Prior to starting design, we will propose software packages that we intend to use and prepare synopses as needed for applications that are not on the DOTD's approved list.

When a structure crosses a waterway, we have the experience to initiate hydraulic analyses in accordance with DOTD's Hydraulics Manual, propose efficient span arrangements or cell opening, and prepare a final report for DOTD's review.

As-designed bridge load ratings will be produced for any structure required as per DOTD's BDEM criteria. **We have extensive experience in using AASHTOWare BrR to perform rating analyses for a variety of structure types.**

## Permit Drawings

A task order may include the preparation of permit drawings to support DOTD's application for a permit to cross navigable waterways and wetlands. Stantec has very recent experience with the development of these types of documents from the **Nelson Road Ext. & Bridge project (H.005967)**, where we were **required to obtain USACE Section 404 and USCG Section 10 permits** in order to construct the project. **The Nelson Road Ext. & Bridge project helped to set the USCG's standards for meeting the reasonable needs of navigation in their permit process.** Activities included a thorough and comprehensive vessel survey, extensive stakeholder coordination, permit sketches, and BPAG Application. Stantec also worked with DOTD and USACE to obtain a Nationwide 14 permit for anticipated wetland impacts. If the project is located within Louisiana's Coastal Zone in the southern part of District 03, a LDNR/USACE Joint Coastal Use Permit may be required.

## Final Plans and R/W Mapping

Stantec will not proceed to final plans until the environmental has been cleared by DOTD. If right-of-way is required for the project, a JPR meeting will be held at the end of Preliminary Plans when the Base Right-of Way maps are 60% complete.

Appropriate revisions recommended for inclusion in the right of way map at JPR will be incorporated in the Final R/W Maps. **Right-of-way taking lines are considered final after the JPR comments are addressed.**

DOTD's Roadway Design milestone submittals for **Final plans** typically include 60%, 95%, 98%, and 100% plans. Major tasks for each submittal are shown in this list below. (Source: Fig. 1-03 Road Design Manual).

<b>60%</b>	<ul style="list-style-type: none"> <li>Final typical section</li> <li>Final hydraulic design</li> <li>Progress on summary sheets, graphical grades, final geometry</li> <li>Reviewing right-of-way maps</li> <li>Revised Design Report (if necessary)</li> </ul>
<b>95% ACP</b>	<ul style="list-style-type: none"> <li>Assemble entire plan set and revise preliminary cost estimate</li> <li>Final QA/QC check and constructability form</li> <li>Progress on special provisions; Submit to Plan Quality Unit for Review</li> <li>Advance check prints distribution, review and meeting</li> </ul>
<b>95% PIH</b>	<ul style="list-style-type: none"> <li>Advance check prints comments addressed</li> <li>Final cost estimate</li> <li>Plans submitted to Contracts &amp; Specs</li> <li>Special Provisions</li> </ul>
<b>100%</b>	<ul style="list-style-type: none"> <li>Final Plans, Specifications &amp; Estimate</li> <li>All Final Documentation to ProjectWise</li> </ul>

Stantec acknowledges the desire to compress the project schedule and will work with the DOTD PM to recommended milestone submittal adjustments to ensure that the schedule goals are met as efficiently as possible. While the section above describes the normal flow of a DOTD roadway project, **Stantec has worked with DOTD in the past to expedite both Traditional D-B-B and Alternative Delivery Projects.** For example, Stantec's Cove Lane Interchange at I-210 project proceeded with preliminary plans (at calculated risk) during the environmental phase, reduced the number of milestone submittals, and used design review workshops during plan development to help expedite formal reviews. Another example is the US 90Z project where Stantec proposed to submit 95% Preliminary Plans as the first submittal, followed by 95% Final Plans to meet the needs of a major stakeholder in the area (NO Saints). In both cases, Stantec partnered with DOTD to expedite the preliminary and final plan development phases and dramatically reduce the project delivery time. **Stantec has the resources and staff to meet the challenges of a compressed schedule!**

The final deliverable will include a durable full-size set of Final Plan Sheets in English units with a matte film title sheet and high-quality bond plan sheets, an indexed and bound copy of design calculations, special specifications as required, a tabulation of elevations and distances to all break points in the cross sections, a construction cost estimate based on the final plans, and any design reports produced including Roadway and Bridge Hydraulics Reports.

The following tasks may be required during the course of plan development:

## Sanitary Sewer and Storm Drainage

Stantec will provide all the engineering services needed for the hydraulic analysis and design of drainage structures on this roadway IDIQ. We are familiar with the latest edition of DOTD's Hydraulics Manual and HYDRWIN software and have used DOTD's methods to design side drains, cross drains, box culverts, roadside ditches, and subsurface drainage systems. On our previous roadway retainer Stantec provided subsurface drainage design for West Prien Lake Road and designed 12'x 12' multi-barrel box culvert. **Stantec's structures staff is available to assist with the structural design of any modified catch basins or large, non-standard box culverts that may be required.** In addition, Stantec has designed sanitary sewer, both gravity lines and force mains, in conjunction with DOTD projects in the past. For the US 90 at LA 318 D-B project, Stantec designed the relocation of sanitary sewer pipes and water lines along the new frontage road for St. Mary Parish and obtained a DHH permit for the new lines. We worked with District 03's Utility Specialist on this effort.

## Special Provision Write Ups

When the standard specifications do not cover all of the elements of a project a special provision is needed for inclusion in the construction proposal. Stantec is familiar with writing these special provisions including a description of the item, a list of the materials required, the construction requirements, how the item will be measured and paid for, and the assignment of a non-standard pay item number. **We recently provided special provision write-ups to DOTD for both our Nelson Road Bridge and Dijon Phase II projects.**

## Construction Proposal Services

As noted in the advertisement, DOTD typically assembles the construction proposal for projects, but on this project the Consultant may be responsible for these pre-bid activities. Stantec currently serves as the Program Manager for the MOVEBR Enhancement Program. As Program Manager we have assisted the City with assembling the pre-bid packages, addenda and bid tabulations. During final plan production we can use the sequence of construction phases to break down the quantities into Project Segment quantities, which can be used by the inspectors and project engineer to track the construction progress and verify quantities in the field. Stantec will produce a CPM schedule to assist DOTD in determining the contract time to be specified. **We have staff with construction scheduling experience as well as extensive experience in scheduling tools like Primavera (P6).** Once the construction contract is awarded Stantec would prepare the construction contract documents and submit the approved documents to DOTD for execution. **Stantec recently added Keith Palermo to our team in Baton Rouge.** Keith was a long-time DOTD employee who most recently worked in **District 61 first as a Project Engineer** administering construction projects and then as the **Area Engineer** responsible for all maintenance and construction contracts. **Keith's construction contract experience will be beneficial throughout the construction proposal and contract activities.**

## Construction Support

Once the construction contractor is onboard and authorization to proceed has been



given, Stantec may be asked to review the Contractor's proposed progress schedule verifying that it includes appropriate items of work, beginning and completion dates by calendar periods, and a means of tracking actual progress. Keith Palermo will assist Stantec in tracking the progression of the construction and checking revised schedules from the contractor. Stantec's experience on Design-Build projects throughout the State has helped our staff learn the importance of promptly responding to RFIs to maintain efficient construction contract administration and minimize costs associated with construction delays. **Our staff has responded to hundreds of RFIs on the Loyola Design-Build Project with minor clarifications and plan/specification corrections within seven days.** We understand that DOTD's Project Manager will authorize the construction support services when required and we stand ready to assist DOTD with the construction contractor's questions whenever needed. Having worked directly with a contractor on four Design-Build projects we understand the need to avoid delays to construction progress and will put a high priority on all construction support services.

Shop Drawings

Stantec has extensive experience reviewing shop drawings during construction on Design-Build projects and as a task during construction support on Design-Bid-Build projects. We routinely review drainage, structural, signing, traffic and lighting shop drawings for conformance with the contract documents. On Design-Build projects we are generally held to a 10-day review period and we understand that prompt shop drawing review is important, especially for long-delivery items.

Other Services

Stantec can also provide support services in other disciplines if required by a task order. We have a strong **traffic and safety engineering** group led by Joey Lefante that routinely works with DOTD to complete traffic studies and analyses in accordance with **DOTD's Traffic Engineering Process and Report** and to design signalized intersections, ITS applications, and access management modifications. Scott Hoffeld is an experienced planner who would lead or assist with items such as Stage 0 documentation, **environmental, and permitting support**. Derrick Goudeau is an experienced **lighting** and ITS engineer who would lead any efforts in those disciplines. CD&C has **SUE capabilities** if required for a task order.

SCHEDULE

Because each task type is different, we have developed a generic, conceptual schedule for an all-inclusive task order, assuming moderate complexity, to demonstrate the anticipated duration of each service type and deliverable. Stantec

COMPREHENSIVE EXAMPLE PROJECT SCHEDULES (INCLUDING ALL TASKS LISTED IN APPENDIX A)	YEAR 1				YEAR 2				YEAR 3				YEAR 4				YEAR 5			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
IDIQ Contract Duration (5 years)																				
Stantec PM/DOTD IDIQ PM coord, about potential Task Orders																				
Task Order No. 1																				
Project Startup (Task Order No. 1 - Scoping through Kickoff)																				
Topographic and Property Survey (Field work, Processing, Submittal, and Engineer's/DOTD's Acceptance)																				
Permitting																				
Preliminary Plans Phase (30, 60, 95, 100% Submittals, PIH and Reviews)																				
Base ROW Maps																				
Final Plans Phase (60, 95, ACP, 98, 100% Submittals and Reviews)																				
Final ROW Maps																				
Special Provisions (Submit for Plan Quality Review)																				
Construction Proposal Services																				
Construction Letting Phase, Utility & ROW Clearance																				
Construction Support Task (duration depends on Contractor's construction schedule, construction complexity, field conditions, and means and methods, 18 mon. construction time assumed)																				
<b>Footnotes:</b> Schedule reflects comprehensive projects including all potential tasks. Durations will vary depending on the complexity of the tasks. Additional task orders may be executed either concurrently or during the process of completing a previous task order. Either way, we have the staff to get the jobs done!																				
● PIH Meeting      ● JPR Meeting      ● ACP Meeting																				

has the depth of bench to handle multiple task orders concurrently. Any potential process delays or external factors that may influence the schedule can be overcome. Process delays could include extended review times, new alternatives and approvals of waivers and exceptions. External influences on the schedule include items like utility coordination and response, permitting, railroad involvement, and resolving external agency and stakeholder concerns. These issues are a part of every project, but Stantec will work with DOTD to mitigate risks and present an accurate schedule.

CLOSING

Our diverse and highly qualified team can address all the service types listed in Attachment A of the advertisement, and we can customize our resources to fit the needs of each task order issued. Our goal is to thoroughly and efficiently complete task orders, working with District 03 to exceed their expectations on each project.

In addition to Stantec's previous projects in District 03, we have successfully completed two IDIQ contracts, one for Roadway Projects and one for traffic engineering safety projects. With these two retainers Stantec teamed with DOTD to complete seven notable projects. These projects have relieved congestion on major arterials like Essen Lane, reinvigorated Mid-City Baton Rouge along Government Street, installed 6 roundabouts throughout the state, and realigned a roadway to continue the phased implementation plan for the I-210 Corridor in Lake Charles.

**We hope we have provided ample evidence that Stantec would be the best choice for this IDIQ Roadway Design Contract. From the high caliber of our personnel to our past performance to our in-depth familiarity with DOTD's standards, processes, and expectations – we believe this contract would be a way to further our decades-long relationship and showcase the talents of our dedicated staff. Thank you for reviewing our qualifications for the Roadway Design Services IDIQ in District 03 and we look forward to continuing our successful working relationship!**

19. **Workload:**

For all contracts where a firm on the team is a prime consultant or sub-consultant and where a) the consultant selection was made by DOTD, and b) a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

- 1) one of the team's firms is responsible for the performance of the work;
- 2) authorization to perform the work has been provided, as provided in the contract between the consultant and the contracting entity;
- 3) the work has not yet been performed and invoiced; and
- 4) the work is not currently suspended for an indefinite period of time.

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually. List only the portion of the fees attributable to the firms on the team.

FIRM(s)	Past Performance Evaluation Discipline(S)*	STATE PROJECT NUMBER	PROJECT NAME	REMAINING UNPAID BALANCE**
Stantec Consulting Services Inc.	Bridge	S. P. No. 700-99-0430	Retainer Contract for Bridge Preservation [Statewide, Louisiana]	
			T.O. 701-65-1018 Bayou Tech Bridge	\$1,053
Stantec Consulting Services Inc.		S. P. No. 700-10-0153	Nelson Road Ext. Bridge [Lake Charles, Louisiana]	
	Road		Roadway	\$2,500
	Bridge		Bridge	\$2,500
Stantec Consulting Services Inc.		S. P. No. 4400004128	Lafayette Regional Airport to I-10/I-49/US 167 Interchange [Lafayette Parish]	
	Planning		Program. Mgmt.; Context Sensitive Design Process; Impl. Strategies	\$653,013
	Traffic		Traffic Engineering	\$64,197
	ITS		ITS	\$16,585
	Road		Geometric Design/Analysis	\$17,646
	Bridge		Structure & Bridge	\$522,362
	ROW		ROW Acquisition	\$85,420
	Survey		Survey	\$22,731
	Other		Public Relations/Comm.; Lighting; Aviation	\$69,326
Stantec Consulting Services Inc.	Traffic	S. P. No. 4400010670	Retainer Contract for Intelligent Transportation Systems (ITS) Design and Implementation Services [Statewide, Louisiana]	
			H.004104.5 Pecue Lane/I-10 Interchange Phase 3 [East Baton Rouge Parish]	\$7,025
			H.011152.4 I-12 US 190 to LA 59 [St. Tammany Parish]	\$35,387
			H.013261.6 I-110 ITS Deployment/Constr. [East Baton Rouge Parish]	\$8,214
			H.013866.6 I-12: LA 21 to US 190 Roadway Widening [St. Tammany Parish]	\$16,288
			H.014529.1 Baton Rouge Regional ITS Architecture Update [EBR & WBR Parishes]	\$9



Stantec Consulting Services Inc.		S. P. No. H.011670	Loyola Dr./I-10 Interchange to New Airport Terminal Design Build (Sub to Gilchrist Co., LLC) [Jefferson Parish]	
	Road		Roadway	\$201,582
	ITS		ITS	\$38,409
	Traffic		Traffic	\$0
	Bridge		Bridge	\$96,398
Stantec Consulting Services Inc.	Traffic/ITS	S. P. No. 4400017922	IDIQ Contract for Intelligent Transportation Systems (ITS) System Design, Integration and System Verification Services [Statewide, LA]	
			H.014515.1 ATMS and 511 Upgrade SEA [Statewide]	\$87
Stantec Consulting Services Inc.	Traffic/ITS	S. P. No. 4400020058	IDIQ Contract for Intelligent Transportation Systems (ITS) Design and Implementation Services [Statewide, LA]	
			H.013710.6 I-10: US-61 to Laplace ITS Deployment [Ascension, St. James & St. John Parishes]	\$20,171
			H.013842.5 I-10: WBR Queue Warning System Design [Iberville & WBR Parishes]	\$12
			H.001234.6 LA 1: Port Allen Canal BR REPL (PHI) (HBI) [West Baton Rouge Parish]	\$0
			H.002424.5 LA 70: Sunshine Bridge - LA 22 [St. James & Ascension Parishes]	\$474
			H.015136 Statewide ITS Architecture Update [Statewide]	\$153,970
Stantec Consulting Services Inc.		S. P. No. 4400020064	IDIQ Contract for Electrical Services [Statewide, LA]	
	Road		H.005967.5 I-12: Nelson Road Ext. & Bridge-Roadway Lighting Engineering [Calcasieu Parish]	\$9,311
	Other (Lighting)		H.014286.5 I-10: LA 26 (Jennings) Interchange Lighting [Jefferson Davis Parish]	\$34,021
			H.014272.5 I-10: LA 97 (Jennings) Interchange Lighting [Jefferson Davis Parish]	\$170,881
			H.014287.5 I-10: LA 99 (Welsh) Interchange Lighting [Jefferson Davis Parish]	\$277,466
Civil Design & Construction, Inc.	Survey	4400017091/ TO-2	LWI Statewide Modeling R5 – Task Order #2	\$6,722
Civil Design & Construction, Inc.	Survey	4400017091/ TO-3	LWI Statewide Modeling R5 – Task Order #3	\$227,031

DO NOT SUM

(Add rows as needed)

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



**PROOF OF TRAINING**  
THIS CERTIFICATE HEREBY RECOGNIZES THAT


**Gary Heitman**  
has attended  
**Traffic Control Technician-LA State Specific**  
Training Course

**8/30/2020 to 8/30/2020**  
Date

**Baton Rouge, LA**  
Location

*Don H. Clark*  
Vice President of Member Services  
*Shawn Tischer*  
President, CEO

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

**PROOF OF TRAINING**  
THIS CERTIFICATE HEREBY RECOGNIZES THAT



**Gary Heitman**  
has attended  
**Traffic Control Supervisor-LA State Specific**  
Training Course

**7/1/2020 to 7/2/2020**  
Date

**Baton Rouge, LA**  
Location

*Don H. Clark*  
Vice President of Member Services  
*Shawn Tischer*  
President, CEO

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

**PROOF OF TRAINING**  
THIS CERTIFICATE HEREBY RECOGNIZES THAT


**Joseph Cains III**  
has attended  
**Traffic Control Supervisor Refresher-LA State Specific**  
Training Course

**8/24/2022 to 8/24/2026**  
Training Valid Through

**Baton Rouge, LA**  
Location

*Laurey Smith*  
Director of Training  
*Shawn Tischer*  
President, CEO

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



**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

*BBOJ*  
Authorized Instructor

*Jim Hitt*  
Authorized Instructor

*Robert Brumby*  
Authorized instructor

**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

*BBOJ*  
Authorized Instructor

*Jim Hitt*  
Authorized Instructor

*Robert Brumby*  
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

*BBOJ*  
Authorized Instructor

*Jim Hitt*  
Authorized Instructor

*Robert Brumby*  
Authorized instructor



**PROOF OF TRAINING**  
THIS CERTIFICATE HEREBY RECOGNIZES THAT

**Cindy Hall**  
has attended  
**Traffic Control Supervisor Refresher-LA State Specific**  
Training Course

**8/24/2022 to 8/24/2026**  
Training Valid Through

**Baton Rouge, LA**  
Location

*Laurey Smith*  
Director of Training  
*Shawn Tischer*  
President, CEO

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



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


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

**Professional Development Hours (PDHs) Awarded:** 3

*BBOJ*  
Authorized Instructor

*Jim Hitt*  
Authorized Instructor

*Robert Brumby*  
Authorized instructor



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


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

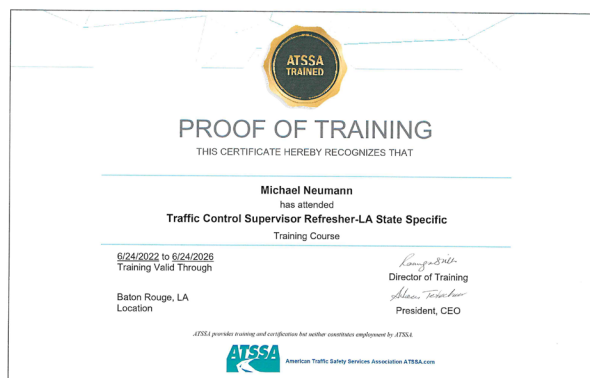
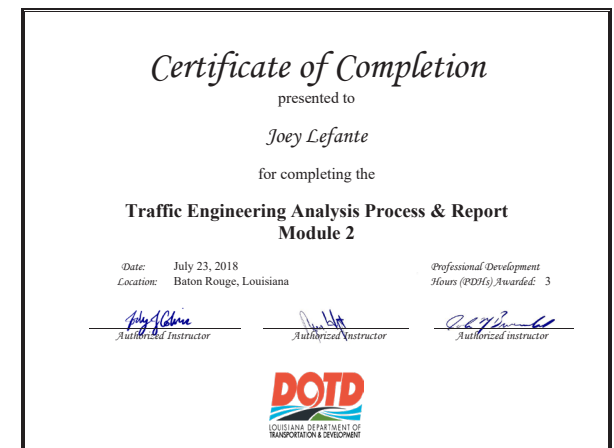
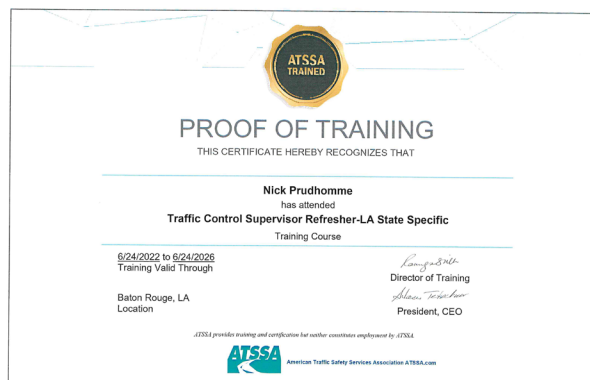
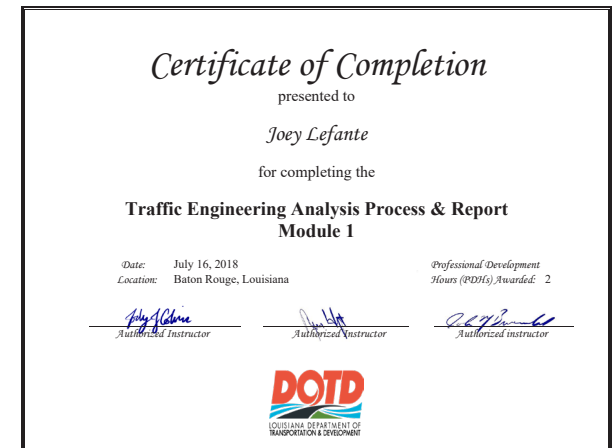
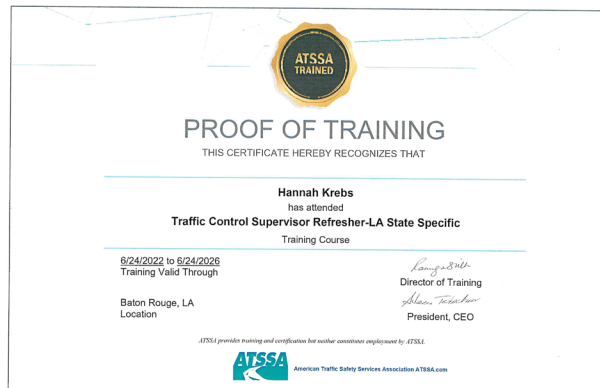
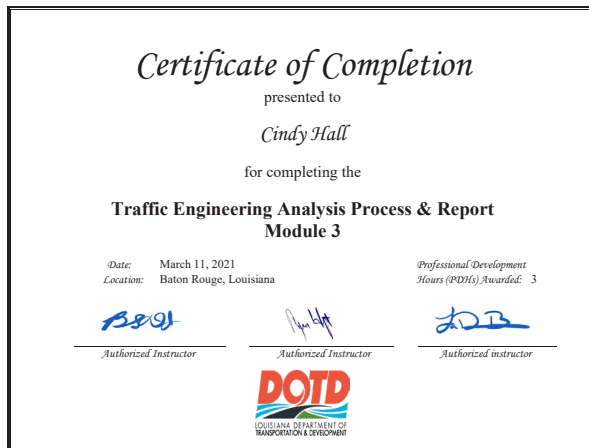
**Professional Development Hours (PDHs) Awarded:** 3

*BBOJ*  
Authorized Instructor

*Jim Hitt*  
Authorized Instructor

*Robert Brumby*  
Authorized instructor





## Transportation Professional Certification Board Inc.

certifies that

**Joseph Michael Lefante**

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

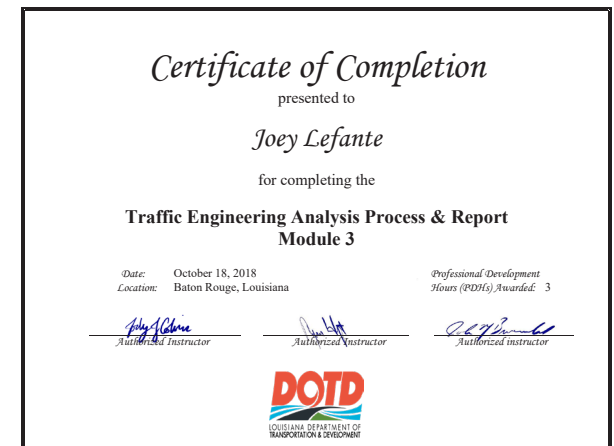
**PROFESSIONAL TRAFFIC OPERATIONS ENGINEER**

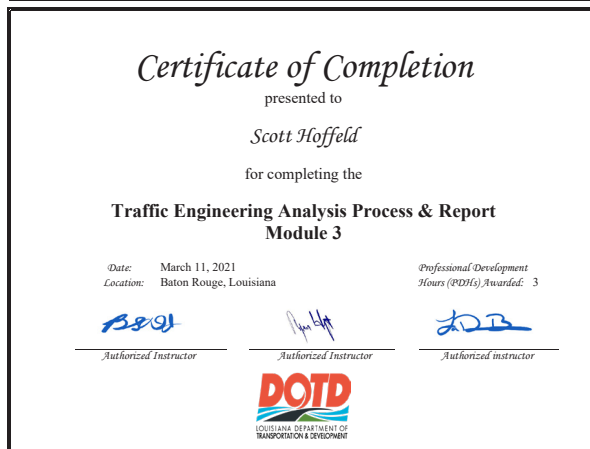
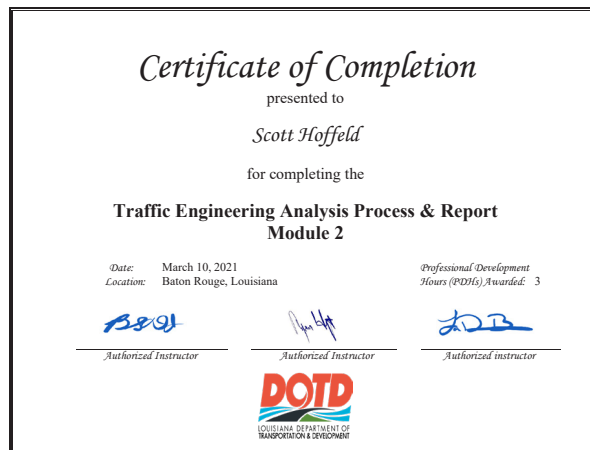
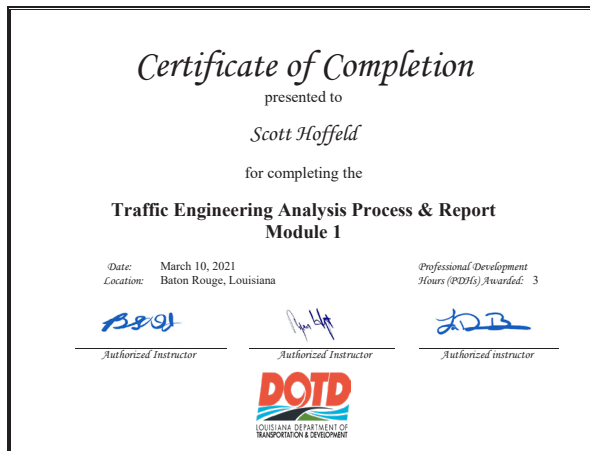
unless withdrawn by the Certification Board and subject to the provisions for renewal.  
Certificate number 3560 issued in Washington, D.C., U.S.A.  
November 20, 2013

*[Signature]*  
Chair

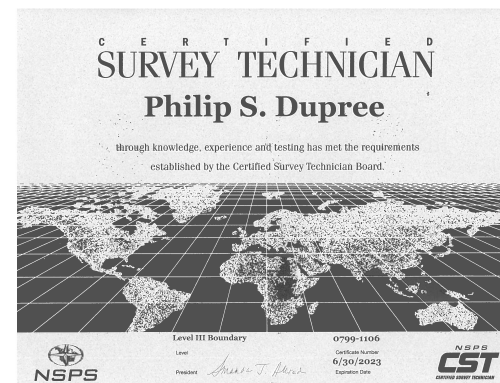
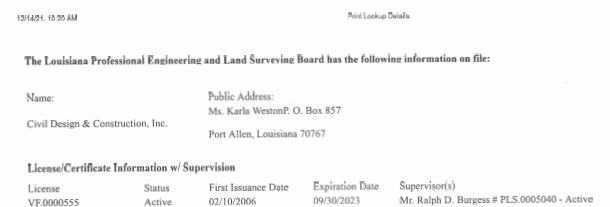
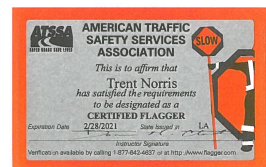
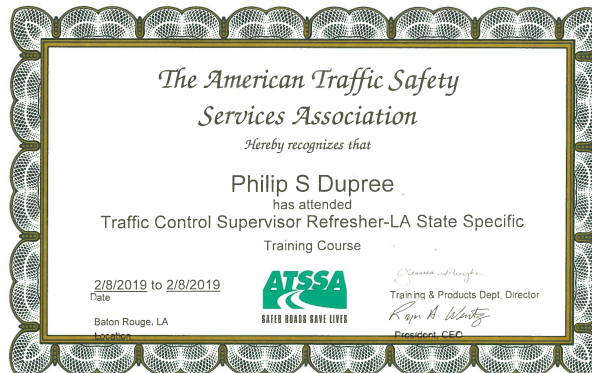
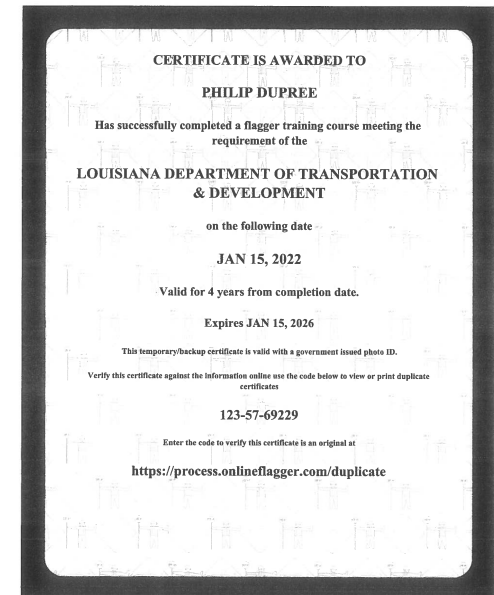
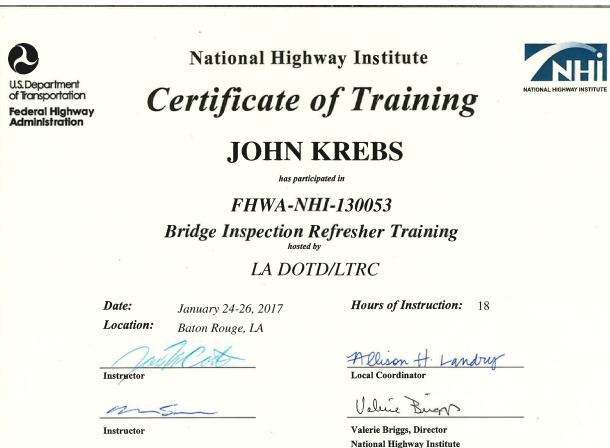


*[Signature]*  
Executive Director













<https://training.atssa.com/course/ONLINEFLAGGERCOURSE/a...>



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 (as registered with Louisiana's Secretary of State)	Address	Point of Contact and Email Address	Phone Number
Civil Design & Construction, Inc.	3251 Southern Pacific Road Port Allen, LA 70767	Karla Weston, PE kweston@cdcbr.com	225-765-1802

23. **Location:**

If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. Otherwise, leave this section blank.





*Design with Community in Mind*