IDIQ Contract for Safety Studies

Statewide, LA

Contract Nos. 4400023689 and 4400023690
February 22, 2022

Stantec

DOTD FORM: 24-102

(Revised June 1, 2021)

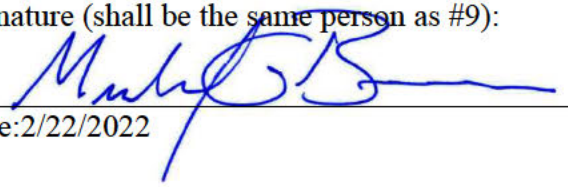
PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

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

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	IDIQ Contracts for Safety Studies Statewide
2. Contract number(s) as shown in the advertisement	4400023689 and 4400023690
3. State Project Number(s), if shown in the advertisement	
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	Michael Bruce, PE Senior Principal 225-765-7400 mike.bruce@stantec.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Michael Bruce, PE Senior Principal 225-765-7400 mike.bruce@stantec.com

10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.	Signature (shall be the same person as #9):  Date:2/22/2022
11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.	Firm(s): N/A Firm(s)' %:

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 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. (same link as in the advertisement)

Evaluation Discipline(s)	% of Overall Contract	Stantec (Prime)	Vectura LLC	Gotech Inc.	Louisiana State University
Environmental	10%	50%	25%	25%	0%
Road	20%	100%	0%	0%	0%
Traffic	40%	50%	20%	10%	20%
CE&I/OV	5%	10%	45%	45%	0%
Data Collection	10%	25%	45%	25%	5%
Planning	10%	40%	30%	25%	5%
ITS	3%	100%	0%	0%	0%
Other	2%	25%	25%	25%	25%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.					
Percent Contract	**100%**	**55.500%**	**20.750%**	**14.250%**	**9.500%**

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

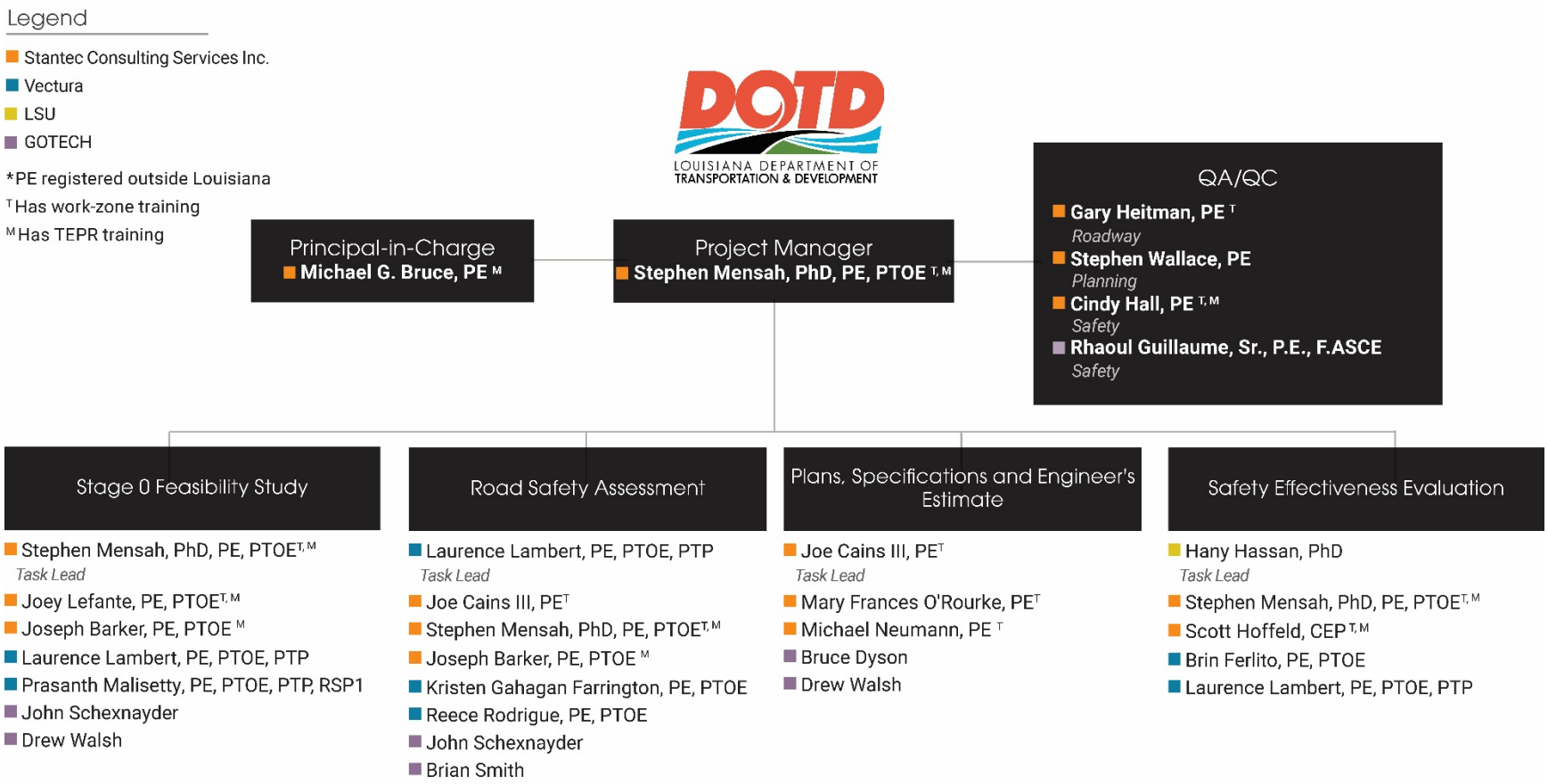
Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
Stantec Consulting Services Inc.	Supervisor Engineer	4	4
Stantec Consulting Services Inc.	Supervisor - Other	1	
Stantec Consulting Services Inc.	Engineer	8	14
Stantec Consulting Services Inc.	Engineer Intern		2
Vectura LLC	Supervisor Engineer	2	3
Vectura LLC	Engineer	3	4
GOTECH Inc	Supervisor Engineer	1	1
GOTECH Inc	Engineer	4	7
Louisiana State University	Engineer Intern	1	1

(Add rows as needed)

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.



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. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license / certification & number	State of license	License / certification expiration date
1	Michael Bruce, PE	Stantec Consulting Services Inc.	Professional Engineer No. 20397	Louisiana	9/30/2022
2	Cindy Hall, PE	Stantec Consulting Services Inc.	Professional Engineer No. 27073	Louisiana	9/30/2023
3	Joseph Cains III, PE	Stantec Consulting Services Inc.	Professional Engineer No. 33670	Louisiana	3/31/2022
4	Joseph Lefante, PE, PTOE	Stantec Consulting Services Inc.	Professional Engineer No. 37244	Louisiana	9/30/2022
4	Stephen Mensah, PhD. PE, PTOE, RSP1	Stantec Consulting Services Inc.	Professional Engineer No. 38591	Louisiana	9/30/2022
4	Sheelagh Brin Ferlito, PE, PTOE	Vectura Consulting Services, LLC	PE.0025383 PTOE 932	Louisiana	09/30/2023 09/09/2024
4	Laurence Lucius Lambert, II, PE, PTOE, PTP	Vectura Consulting Services, LLC	PE.0029901 PTOE 1303	Louisiana	03/31/2024 02/03/2025
4	Prasanth Malisetty, PE, PTOE, PTP, RSP1	Vectura Consulting Services, LLC	PE.0035792 PTOE 3073	Louisiana	03/31/2023 07/20/2023

4	Kristen Gahagan Farrington, PE, PTOE	Vectura Consulting Services, LLC	PE.0042785 PTOE 4863	Louisiana	03/23/2023 03/26/2023
4	Reece Rodrigue, PE, PTOE	Vectura Consulting Services, LLC	PE.0042074 PTOE 4508	Louisiana	03/31/2024 07/17/2022

(Add rows as needed)

16. **Staff Experience:**

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 14 and/or 15 of the proposal. Résumés of personnel not identified in Section 14 or Section 15 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person. Any certificates required by the advertisement are to be placed in Section 20.

Firm employed by Stantec Consulting Services Inc.					
Name	Scott Hoffeld, CEP			Years of relevant experience with this employer	2
Title	Senior Associate, Project Manager			Years of relevant experience with other employer(s)	26
Degree(s) / Years / Specialization			MS | 1994 | Research Management & Administration; BS | 1989 | Economics		
Active registration number / state / expiration date			CEP No. 02040408 | LA | N/A		
Year registered	2002	Discipline	Environmental | NHI Course No. 142005, NEPA and Transportation Decision Making Certification Training		
Contract role(s) / brief description of responsibilities			Transportation Economist / Environmental Planner		

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).
08/19 - Ongoing	**I-49 LAFAYETTE CONNECTOR | LADOTD Contract No. H.004273.5 | Lafayette, LA** Assistant Project Manager, transportation and environmental planner responsible for process-improvement, master-scheduling, socioeconomic considerations, and SEIS, CSS, and Aviation-coordination support.
08/20 - Ongoing	**I-20 / ROUGH EDGE ROAD INTERCHANGE - STAGE 0 | LADOTD Control Section No. 451-05 | Ruston, LA** Sr. Environmental Planner responsible for Environmental Checklist and Scope and Budget Checklist support.
09/12 - 06/15	**EA FOR THE I-210/COVE-NELSON INTERCHANGE IMPROVEMENTS -WITH FONSI | Ameristar Casino | Lake Charles, Louisiana | NEPA Project Manager** Environmental project manager and planner responsible working with the Stantec team to negotiate alternate DOTD and FHWA coordination methods for this aggressive seven-month NTP to FONSI, high-profile interstate interchange improvement project in Lake Charles, Louisiana.
01/03 - 12/03	**FEASIBILITY STUDY FOR LA-3235 EXTENSION | LADOTD | Southeast LA** Project Transportation Economist and Environmental Planner responsible for evaluating alternatives to connect LA to Relocated US-90. Alternatives were evaluated with MicroBENCOST to evaluate depreciated values, running costs, avoided accidents, and cross traffic benefits. MicroBENCOST rail crossing delays were adjusted to account for average draw-bridge delays.
09/99 – 12/00	**MAGLEV FEASIBILITY STUDY | New Orleans Regional Planning Commission | New Orleans, LA** Project Transportation Economist and Transportation Planner responsible for the development of the regional transportation benefits that are anticipated from the implementation of a magnetic levitation rail line (Maglev) in the New Orleans MSA. Tasks included development of travel time savings, potential accident costs avoided, reduced vehicle

	emissions, and other benefits expected from the implementation of the project. Both highway-user and magnetic levitation rail line-user benefits were estimated, adjusted to present value, and compared to the associated costs of implementing the program.
08/05 – 08/06	**SOUTHEAST LITTLE ROCK NEW ROADWAY FEASIBILITY STUDY | Metroplan, Little Rock, Arkansas.** Deputy Project Manager and Transportation Planner and Economist responsible for evaluating the feasibility of a new uncontrolled-access roadway in rural southeast Little Rock, including evaluation of benefits using an abbreviated application of the 2003 AASHTO User Benefit Analysis of Highways.
01/06 – 06/06	**US-90 BRIDGE CLOSURE TRANSPORTATION COST ANALYSIS FOR DETOURS* | MDOT, Harrison and Hancock Counties, MS.** Transportation Economist responsible for quantifying added network vehicle operating costs and value of time spent in delays resulting from detours around the Hurricane-Katrina damaged U.S. 90 bridges in Hancock and Harrison Counties. In accordance with AASHTO's 2003 publication, User Benefit Analysis of Highways, running costs associated with fuel, tire wear, and other were assessed, as was the detour route time and the added delay imposed on other users of the network encumbered by detour traffic congestion. An estimate of the additional net transportation cost per day was estimated for use in assigning incentives/disincentives in the Design-Build project management services for MDOT.
03/04 – 04/04	**ECONOMIC IMPACT STUDY OF THE INTERCOUNTY CONNECTOR, PRELIMINARY DRAFT INTERIM REPORT - PEER REVIEW** Peer Reviewer and Transportation Economist responsible for providing QC on the methods, scope, and assumptions employed by the Maryland Transportation Initiative in conducting a study of the effects to region, including transportation benefits analysis complied with the new AASHTO User Benefit Analysis for Highways Manual (AASHTO 2003).
01/95 – 12/95	**PALM VALLEY BRIDGE ECONOMIC ANALYSES OF REPLACEMENT OR REHABILITATION ALTERNATIVES* USACE Jacksonville District, St. Johns County, Jacksonville, FL** Transportation Economist responsible for analyzing transportation costs for trips over the existing Palm Valley Bridge and theoretical costs associated with trips over a proposed high-span replacement bridge. Avoided costs (benefits) included operating costs, idling costs, costs of changing speeds, costs of maneuvering curves, and the opportunity costs of vehicle operators' time. AASHTO planning guidelines were followed, (A User Manual on Bus Transit and Highway Improvements (AASHTO, 1977)), augmented with suggested updating methodology of the FDOT. After transportation costs were revised, total costs were discounted over a 50-year planning period.

16. **Staff Experience:**

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 14 and/or 15 of the proposal. Résumés of personnel not identified in Section 14 or Section 15 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person. Any certificates required by the advertisement are to be placed in Section 20.

Firm employed by Stantec Consulting Services Inc.					
Name	Joseph Barker, PE, PTOE			Years of relevant experience with this employer	4
Title	Traffic Engineer			Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization			BS Civil Engineering / 2007-2011		
Active registration number / state / expiration date			PE #40664 / LA / 2022		
Year registered	2016	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities					

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).
02/18 - Ongoing	**I-49 Lafayette Connector** - Conducting a Traffic Study to evaluate alternatives for the extension of I-49 through Lafayette, LA. A traffic engineering study and Tiered Interchange Analysis report were completed to study a comprehensive number of interchange alternatives and analyze the operational and safety improvements associated with each. Joseph was responsible for concept development, traffic analysis, and environmental documentation.
02/21 - Ongoing	**Perkins Road (LA 427) Widening Traffic Study and Signal Design** - Performed traffic study and signal design to widen a 3.4 mile stretch of Perkins Road from a 2-lane roadway to a 4-lane divided curb and gutter roadway with raised median, sidewalks, sewer, and subsurface drainage. The study projected traffic for future roadway conditions and real estate developments impacted by the widening. Joseph used HCS and Synchro analysis software packages to analyze signalized intersections, unsignalized intersections, and U-turns. Joseph also completed all components of the subsequent signal design including, but not limited to, signal equipment layout, wirings, signal timings, and quantities.
11/20-08/21	**LA 30: South Blvd to W. Chimes Feasibility Study and Design** - Traffic signal design for a rehabilitation of the Nicholson Drive corridor in Baton Rouge, Louisiana. The design included four new traffic signals with magnetometer vehicle detection, emergency preemption, and interconnect. The signals had to accommodate and provide room for widened sidewalks while fitting within an existing tight urban right-of-way. Joseph assisted in signal design plan preparation.
06/18 – 06/19	**Rough Edge Road Interchange** - traffic impact study for an upgraded bypass corridor through southeast Ruston and a proposed interchange at the intersection of Interstate Highway 20 (I-20) and Rough Edge Road in Lincoln

	Parish, Louisiana. The objectives of this study are to describe the existing conditions within the study area, outline the methods of data collection utilized, estimate projected traffic volumes under the implementation year and design year for all No Build and Build scenarios, and provide recommendations for areas of future study. Joseph provided Traffic Engineering services including, but not limited to, growth rate determination, traffic forecasting, trip distribution, trip generation, origin-destination analysis, peak period/hour determination, vistro modeling, project research, technical writing/documentation.

Firm employed by Stantec Consulting Services Inc.					
Name	Michael Bruce, PE		Years of relevant experience with this employer	36	
Title	Principal		Years of relevant experience with other employer(s)	7	
Degree(s) / Years / Specialization			BS|1978| Civil Engineering		
Active registration number / state / expiration date			PE No. 20397 | LA | 9/30/2022		
Year registered	1983	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities			As a Senior Principal of the Baton Rouge office, Mike oversees our Traffic/ITS Division. Mike will serve as the PRINCIPAL-IN-CHARGE for this contract. For this contract he will oversee the overall delivery of tasks, including reviewing workload projections with the Project Manager; assigning adequate resources to meet project requirements; monitoring compliance to QA/QC procedures; and serve as a liaison to serve as an additional communication channel for LADOTD. The complexity of his transportation experience under his oversight ranges from corridor and transportation master planning to innovative design of major intersections such as the Siegen Lane CFI in Baton Rouge, LA.		

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	**I-49 Lafayette Connector Traffic Manager** This project will extend I-49 from its current terminus at I-10 south to New Orleans, by converting the existing US 90 corridor to a controlled access facility. This project, a 5-mile segment from existing I-10 south through Lafayette, is a critical link, as it passes through a heavily congested urbanized area of the city. Mike is responsible for overseeing traffic tasks, coordinating with project management to provide traffic resources for the project. The project includes a comprehensive Vistro model of the Lafayette area, as well as additional analyses using TransCAD, VISSIM, and Sidra software packages. The project follows the Access Justification Request (AJR) guidelines established by DOTD and FHWA, and includes a VISSM model of the core area calibrated to DOTD standards.
01/07 - Ongoing	**Baton Rouge Loop Implementation Plan and Tier I EIS Principal-in-Charge** Mike is currently overseeing Stantec's responsibilities for this ongoing effort. The project began with developing an Implementation Plan for the Capital Area Expressway Authority. This first phase was a one-year contract to determine possible corridors, impacts and a financial package for the construction of a loop

	through 5 parishes, including two crossings of the Mississippi River. Mike has been Principal-In-Charge for Stantec's engineering components which include: corridor selection, traffic benefits, design criteria, typical sections, cost estimates and potential right-of-way required. This project involves extensive coordination with affected agencies including the 5 parishes, LADOTD, FHWA, Coast Guard and Corps of Engineers, as well as, public outreach and public meetings.
5/2013 – 8/2014	**New Orleans US 90Z Hospitality Zone Principal-in-Charge.** Mike led the project team to conduct a study that reviewed and evaluated existing traffic patterns, and, using modeling, proposed several low cost solutions that would reduce congestion in the project area. He served as a secondary channel of communication for the RPC and LADOTD as they reviewed our team's design recommendations.
2003-2005	**Airline Highway at Siegen / Sherwood, Design of CFI Improvements Principal-In-Charge** Mike was instrumental in implementing this innovative traffic engineering concept in Baton Rouge that would ultimately reduce congestion at the intersection of Airline and Siegen. The design involved crossing left turning traffic to the opposite side several hundred feet before the main intersection, thereby removing left turns from the main intersection and reducing signal phases. After developing the concept and presenting to LADOTD, Stantec completed all traffic and alternative studies and a Stage 0 analysis and investigation. The firm developed final design plans and construction documents including geometrics, striping, cost estimates, wiring, signal phasing and timing. Stantec coordinated extensively with LADOTD, the City of Baton Rouge and FHWA and conducted public meetings.

Firm employed by	Stantec Consulting Services Inc.				
Name	Joe Cains III, PE		Years of relevant experience with this employer	18	
Title	Senior Associate		Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization			BS / 4 / Civil Engineering		
Active registration number / state / expiration date			33670 / LA / 3-31-2024		
Year registered	14	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities			Roadway Design / Complete Streets		

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).
07/2015 – Ongoing	**I-49 Connector** Assistant Task 4 (Geometrics) Lead. Design of a 5.5-mile stretch of new Interstate and frontage road system facility through the City of Lafayette. Designed Horizontal and Vertical Geometry, Intersections, Roundabout Intersections, Project Phasing, MOT, Pedestrian Crossings and connections, ROW and C of A, as well as participated in public involvement and stakeholder meetings. Also responsible for multi-disciplinary coordination with various other Discipline Tasks (Bridge, Environmental, CSS, Traffic, Railroad, Aviation, Survey / SUE).
6/2011 – 7/2015	**I-210 Cove Lane** Assistant Project Manager and Lead Roadway Designer. Upgrade from a partial to a full interchange for Cove Lane at I-210 including consideration of upgrades to the existing Nelson Road Interchange. Developed over 25 alternatives during the IMR process, designed Horizontal and Vertical Geometry, Intersections, Roundabout Intersections, Drainage, Striping and Signing, and Final Construction Documents. Also responsible for multi-disciplinary coordination with various other disciplines (Bridge, Geotech, Traffic). Also assisted with utility coordination and conflict mitigation, as well as stakeholder coordination.
9/2012 – 7/2015	**LA 447 / I-12 Interchange** Project Manager and Lead Roadway Designer. Safety Retainer Task Order for the design of two roundabout intersections for the ramp terminals within the I-12 interchange. Designed Horizontal and Vertical Geometry, Intersections, Roundabout Intersections, Drainage, Striping and Signing, and Final Construction Documents.
5/2013 – 8/2014	**US 90Z Hospitality Zone** Lead Roadway Design. Design of a new entrance ramp which included the reconfiguration of the existing through lanes to reclaim a previously dropped lane along the US 90Z corridor. Led outreach efforts and coordination for Level 4 TMP with SMG (Superdome & Smoothie King Center), as well as designed horizontal

	and vertical geometry, drainage, striping and signing, and Final Construction Documents for Roadway related items.
11/2010 – Ongoing	**Nelson Road Extension and Bridge** Project Manager and Roadway Designer. Design of the extension of Nelson Road over Contraband Bayou with a 56-foot vertical navigation clearance bridge that includes pedestrian and bicycle considerations. Led Environmental Assessment to obtain FONSI along with other permits, developed 3 intersection alternatives for consideration for access to the Port of Lake Charles City Docks facilities. Designed Horizontal and Vertical Geometry, as well as graphical grades. Also assisted with utility coordination and conflict mitigation, as well as stakeholder coordination.

Firm e Firm employed by GOTECH, Inc.mployed by GOTECH					
Name	Bruce Dyson, P.E., P.L.S.			Years of relevant experience with this employer	25
Title	General Manager			Years of relevant experience with other employer(s)	16
Degree(s) / Years / Specialization			Bachelor's-of-Science / 1978 / Civil Engineering Certified Traffic Control Supervisor – ATSSA Expires 02/2022 Certified Traffic Control Technician – ATSSA Expires 02/2022 ATSSA Certified Flagger Expires 03/02/2022		
Active registration number / state / expiration date			P.E. License No. 20162 / LA / 3-31-2022; P.L.S. License No. 4670 / LA / 3-31-22		
Year registered	1982	Discipline	Registered Professional Civil Engineer & Professional Land Surveyor		
Contract role(s) / brief description of responsibilities			Mr. Dyson has been involved in a variety of survey projects. He is experienced in the areas of civil engineering, project management, construction administration and management, and cost estimating. Specific areas of expertise include drainage improvements, land surveying and flood control. Mr. Dyson has supervised up to five survey crews at GOTECH working on a variety of public and private contracts such as contracts with LA DOTD, US Army Corps of Engineers, Federal Aviation Administration, Parish governments, and New Orleans Sewerage & Water Board.		

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).
04/15 - Ongoing	**LADOTD Contract No. 4400004485; State Project No. H.009320: Acadian Rd Roundabout, Route LA 20 (Canal Blvd) & Local Routes (Back Street, Jackson Street, Thompson Place), Thibodaux, LA** Mr. Dyson was the Engineering / Survey Manager providing professional supervision and project management oversight for the right-of-way mapping services to support parcel acquisition required for design of a new road roundabout in Thibodeaux, Louisiana. Project included field property surveys performed to DOTD survey standards and parcel title work reviews of affected properties. Final right-of-way map and parcel description deliverables, along with MicroStation parcel mapping files, were reviewed and submitted in accordance with established DOTD Location and Survey delivery requirements.
10/17 - 03/18	**LADOTD Contract No. 4400002746; State Project No. H. 012602.5: I-10 at Morrison Rd Interstate Lighting, Orleans Parish, LA**

	Mr. Dyson provided project oversight as Engineering / Surveyor Manager with supervision and project management of topographic surveys to support various interstate lighting design projects. The projects included static GPS control surveys and topographic field surveys performed to DOTD survey standards within the full limits of the highway interchange. The survey field information gathered included roadway surface features, drainage structures, designated subsurface utility locations, and structure data on elevated portions of the interstate bridge overpass. Final deliverables, and MicroStation mapping files, were certified and submitted in accordance with established DOTD Location and Survey delivery requirements.
02/14 - 11/16	**LADOTD Project No. H.007855: LA Hwy 431 at LA Hwy 934 Intersection Improvements, Ascension Parish, LA** Mr. Dyson was the quality control reviewer for the Hwy 431 / 934 Intersection Improvements project. GOTECH provided topographic surveying and mapping services for the project. The work was located in Ascension Parish on what are currently two-lane highways with narrow shoulders and adjacent open ditch drainage. GOTECH field crews obtained field data in a format that was used to in MicroStation CADD drawings with Inroad's software. GOTECH also mapped the data in an AutoCAD version for the designers to use. The topographic map showed existing features as pavement, ditches, culverts, lighting, signs, utility poles, traffic controls, driveways, and other utilities. GOTECH also developed an existing drainage map for the project. The watershed covered approximately 25 acres of contributing drainage area.
10/12 - 12/14	**LADOTD Project No. H.009276: I-10 (LA 30 to LA 22), Ascension Parish, LA** Mr. Dyson was the quality control reviewer for the Interstate 10 project in Ascension Parish. The project included a segment of the Interstate from LA Hwy 30 to LA Hwy 22. Cross Sections were taken from right-of-way line to right-of-way line to provide data for the Interstate widening design. Overpass details were obtained to show bridge details, bent locations, piling spacing and clearance dimensions.
09/07 - 09/13	**LADOTD Project No. 704-92-0036 & 704-92-0037: New Orleans Submerged Streets Repair-Permanent Repair to Federal Aid Eligible Roads as a Result of Damage Due to Hurricane Katrina in 2005** Mr. Dyson was the Engineering Coordinator for this project. GOTECH provided topographic surveying, preliminary and final roadway plans, and construction support for the project streets located in Jefferson and Orleans Parishes.
02/06 - 08/11	**LADOTD Project No. 052-02-0024: John James Audubon Bridge Design/Build Project, St. Francisville, LA** Mr. Dyson was an assistant design engineer on the project, performing quality control reviews on the construction documents. The cable-stayed bridge structure crossed the Mississippi River linking the St. Francisville area with the New Roads community. Approximately 3.5 miles of a mainline and sideroad network

Firm employed by Vectura Consulting Services, LLC					
Name	Sheelagh Brin Ferlito, PE, PTOE			Years of relevant experience with this employer	6
Title	Supervisor			Years of relevant experience with other employer(s)	27
Degree(s) / Years / Specialization			B.S. / 1988/ Civil Engineering		
Active registration number / state / expiration date			PE.0025383 / LA / 9/30/2023		
Year registered	1993	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Project Advisor for Stage 0 Traffic Studies		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
07/19 – Ongoing	**H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement PPP (Belle Chasse, LA)** Brin is the project manager for the temporary and permanent traffic signal plans for the intersections of LA 23 at Burmaster St and at Engineers Rd. She based her traffic signal plans and timings on design year volumes that were developed using growth rates from the New Orleans Regional Planning Commission Travel Demand Model. This project is the first ever Public-Private-Partnership performed by Louisiana DOTD.
04/18 – 12/21	**H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish)** Brin reviewed 60% Preliminary Signing and Striping Plans and developed documented comments based on DOTD Road Design Manual, DOTD Standard Details and MUTCD. She is also the project manager for the design of temporary traffic signal plans that will be implemented during the roundabout construction at the intersection of US 171 at Boone Street in Leesville, LA. She coordinated access management issues using aerials, aged traffic volumes and Synchro.
09/20 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish)** Brin is the project manager for the design of temporary traffic signal plans that will be implemented during the roundabout construction along LA 30 in Gonzales, LA. The project involves replacing three existing signalized intersections with multilane roundabouts along LA 30 at I-10 Interchange ramps and at the Tanger Boulevard. Vectura also developed signal timing plans for each phase of the construction to maintain progression along LA 30.
07/18 – 04/19	**LA 1 Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Design West Baton Rouge Parish (Addis, LA)** Brin developed a Pedestrian Crosswalk Study and Traffic Signal Construction Plans for the intersection of LA 1 at LA 990 in Addis, LA. The study was based on DOTD Traffic Engineering Manual Crosswalk Guidelines followed by traffic signal design plans based on DOTD requirements. The study included traffic and pedestrian

	traffic data collection, a speed study, crash analyses, intersection analyses and progression analyses. The signal plans included pedestrian signal equipment, signal timing parameter calculations, crosswalk striping, signs, DOTD pay items, estimated quantities and construction cost. Brin also assisted with the Parish with the DOTD Permit Request for Intersection Control Devices on a State Right of Way.
09/17 – 04/18	**US 11 at US 190 Bus. (Fremaux Ave.) Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Equipment Design (Slidell, LA)** Brin developed a formal traffic study for a proposed crosswalk with pedestrian traffic signal equipment and pedestrian clearance timings based on DOTD requirements. Brin assisted with vehicle and pedestrian data collection, analyzed 3-year intersection crash data and developed signal timing for pedestrians to cross the street.
02/08 – 04/16	**CE&I for EBR Traffic Signal Systems Phase IV and Phase VA Construction SPN 013-05-0043 and H.001609.6 (Baton Rouge, LA)** Brin was the project resident engineer for the construction of 66 traffic signals in Baton Rouge. She maintained records of the contractor's daily operations and recorded significant events that affected construction progress. She coordinated included all utility issues, shop drawing submittal review, schedule review, monthly progress meetings, daily installed quantities, concrete sampling for DOTD materials lab, change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into interstate fiber backbone and ATM / EOC building. Daily logs, quantities, change orders, pay estimates were recorded in DOTD Site Manager.
04/14 – 12/14	**H.002301 Signal Design for N. Sherwood Forest Dr. Widening Project (Baton Rouge, LA)** As the project engineer, Brin designed three signalized intersections as part of a road widening project as per EBR DPW and DOTD requirements. Ms. Ferlito developed the traffic signal equipment, signal timing and communication construction plans, special provision specifications, quantities, and cost estimate. She also performed tasks to develop the striping plans and sequence of construction plans which included temporary signal equipment placement due to lane shifts during construction.
09/13 – 04/14	**S.P. 700-99-0477 Jefferson Hwy. Signal Design (Baton Rouge, LA)** Brin designed traffic signal plans for 11 intersections along Jefferson Highway between College Drive and the I-12 On Ramp in Baton Rouge. Design included traffic signal layout, fiber interconnect layout, fiber splicing diagrams, pedestrian crosswalk layout, and sign layout. Design also included traffic signal synchronization signal timing and pedestrian signal timing. She prepared estimated quantities, preliminary and final signal construction plans and specifications.
03/05 – 11/05	**Airline Hwy Widening SPN 700-99-0332 (Baton Rouge, LA)**

[redacted]	[redacted]
[redacted]	[redacted]

Prime consultant name: **Stantec Consulting Services Inc.**

Firm employed by Vectura Consulting Services, LLC					
Name	Kristen Gahagan Farrington, PE, PTOE			Years of relevant experience with this employer	1
Title	Project Traffic Engineer			Years of relevant experience with other employer(s)	6.5
Degree(s) / Years / Specialization			B.S./2014/Civil Engr.		
Active registration number / state / expiration date			PE.0042785 / LA / 3/31/2023		
Year registered	2016	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Task Leader for Stage 0 Traffic Studies		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
02/21 – Current	LA 67 (Plank Rd) Corridor Enhancement – Dawson Street to Harding Blvd (Baton Rouge, LA) Kristen developed crash diagrams in CAD to identify any correctable crash types as part of Appendix C of the traffic report.
03/19 – 11/19	**H.012311 LA 429 Connector Stage 0 (Ascension Parish)** Kristen was the task leader for the preparation of a Stage 0 study to evaluate alignments for a limited-access corridor (LA 429) near I-10, between LA 30, LA 73, and US 61. Two alternatives for the widening and reconstruction of LA 429 were evaluated. The scope consisted of stakeholder and public meetings, site visits and data collection, phasing of alternative development for the corridor, scope and budget checklists, and an opinion of probable cost to prepare the Stage 0 Report. Kristen served as the civil engineer responsible for designing high level concept exhibits and comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes, coordinated with interchange study consultants for a cohesive project, and wrote report.
09/17 – 09/18	**H.011160 LA 73 Corridor Study Stage 0 (LA 74 to LA 621) (Ascension Parish)** Kristen was the designer responsible for concept development, report writing, and impact analysis for a Stage 0 study. The purpose of the study was to evaluate conceptual alternatives to improve capacity and operations along the LA 73 corridor and its connecting transportation network. The scope included the evaluation of three interchange configurations for the interchange of I-10 at LA 73 in conjunction with two corridor alternatives for LA 73, resulting in six different alternatives for which line and grade, impacts, and high-level cost estimates were prepared.
6/19 - 2/21	**H.013459 US 167 Improvements Stage 0 (Elsie Street to Gilbert Street) (St. Landry Parish)** Kristen served as project manager for a Stage 0 study to evaluate the addition of a third lane to US 167 from Elsie Street south to a point past Gilbert Drive. Environmental impacts and cost estimates were prepared, as well as a benefit-cost analysis of all improvements considered. Civil Engineer responsible for safety analysis including crash rate number method, over-representation, CATScan quality assurance, HSM existing safety

	analysis, and No-Build Analysis. Designed high-level concept exhibits and comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes.
6/19 - 2/21	**H.013460 US 167 Improvements Stage 0 (Enola Street to Ross Road) (Evangeline Parish)** Kristen served as project manager for a Stage 0 study of a two-lane road to remove a curvilinear section of US 167 from Enola Street near LA 748, southeast for approximately 1.2 miles. The study compared connecting existing property owners to a new roadway with driveways or intersection of old roadway. Environmental impacts and cost estimates were prepared. Civil Engineer responsible for safety analysis including crash rate number method, over-representation, CATScan quality assurance, HSM existing safety analysis, and No-Build Analysis, as well as a benefit-cost analysis. Designed high-level concept exhibits and a comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes.
11/18 - 3/21	**H.013322 LA 3040 Feasibility / Safety Study Stage 0 (Houma, LA)** Kristen served as project engineer for a study to identify safety and operational issues along 2.5 miles of Martin Luther King Boulevard (LA 3040) in Houma, LA to evaluate reasonable alternatives to address any deficiencies discovered. Kristen was responsible for compiling a data collection plan for submittal to DOTD, including count locations, determined peak periods, and peak hours. Kristen performed peak period observations in the field and geometric field checks, as well as unmet demand observations and calculations. Kristen prepared TMC figures, as well as performed existing analysis in Vistro. Compiled all data collected into Appendices A and B per the DOTD Traffic Process and Report and wrote Chapter 1 of report. Kristen represented the project at stakeholder meetings to discuss project status.
04/18 – 04/19	**H.011243.1 I-49 at US 190 and LA 31 Interchange Improvements Stage 0 (St. Landry Parish)** Kristen was the project engineer responsible for crash and safety analysis, report writing, planning, and designing for this Stage 0 Study to evaluate alternatives to improve traffic operations and safety at the I-49 interchanges with US 190 and LA 31. Crash and safety analysis was performed using the LADOTD CAT Scan tool and IHSDM, and line and grade was prepared to DOTD Design Standards for various corridors, including arterial collectors and freeway ramps. Close coordination with traffic engineer ensured maximum improvement of safety and operations given limited right-of-way and utility conflicts along the corridors.

Firm employed by ***GOTECH, Inc.***					
Name	Rhaoul Guillaume, Sr., P.E., F.ASCE			Years of relevant experience with this employer	40
Title	Owner and President			Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization			Bachelor-of-Science / 1971 / Civil Engineering; Bachelor of Arts / 1971 / Mathematics		
Active registration number / state / expiration date			P.E. License No. 20083 / LA / 9-30-22		
Year registered	1982	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities			Mr. Guillaume supervises all corporate activities to include project management for all contract requirements. Mr. Guillaume's duties include client liaison, project budgeting, manpower assignments, contract administration, design supervision, production of contract documents and quality control. Mr. Guillaume is an experienced civil and structural engineer with a background in hydrographic, topographic and control surveying, project management and estimating.		

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).
04/15 - Ongoing	**LADOTD Contract for Engineering and Surveying Services (Contract No. 4400004485; Project No. H.009320) – Acadian Rd Roundabout, Route LA 20 (Canal Blvd) & Local Routes (Back Street, Jackson Street, Thompson Place), Thibodaux, LA** Mr. Guillaume is overall responsible for providing the required services for the project. GOTECH serves as Sub-Consultant to Hartman Engineering.
05/18 - Ongoing	**LA DOTD Retainer Contract for Electrical Services (Contract No. 4400002746; Project No. H.013442.5) – I-10 at Crowder Blvd Interstate Lighting, Orleans Parish, LA Mr**. Guillaume is the client liaison and is overall responsible for providing the required engineering and surveying services for the project. GOTECH serves as a Sub-Consultant to GEC, Inc..
01/18 - Ongoing	**LADOTD Prospect Blvd Sidewalks, Terrebonne Parish, (Contract No. 4400010389) – Prospect Blvd Sidewalks, Terrebonne Parish, LA** Guillaume is the client liaison and is overall responsible for providing the required engineering and surveying services for this project. GOTECH is the Prime Consultant.

10/14 - Ongoing	**LADOTD Retainer Contract for Construction Engineering Management & Staff Augmentation Services (Contract No. 4400004729) — District 03 (Acadia, Lafayette, Evangeline, Iberia, St. Landry, St. Martin, St. Mary & Vermilion Parishes, LA)** Mr. Guillaume is the client liaison and is overall responsible for providing the required engineering and inspection services for the project. GOTECH is a Sub-Consultant to GEC, Inc.
02/18 - 04/18	**LADOTD North Kenner Pedestrian Improvements, Orleans Parish, LA (Contract No. 4400005891)** Guillaume was the client liaison and was overall responsible for providing the required engineering and surveying services for the project. GOTECH was a Sub-Consultant to Digital Engineering and Imaging, Inc.
09/07 - 09/13	L**A DOTD New Orleans Submerged Streets Repair, Jefferson & Orleans Parishes, LA (Project No. 704-92-0036 & 704-92-0037)** Guillaume was the client liaison and was overall responsible for providing the required engineering and surveying services for the project. GOTECH was a Sub-Consultant to HNTB.
02/09 - 08/12	**LADOTD I-12 Widening Design-Build, East Baton Rouge & Livingston Parishes, LA (Project No. 454-01-0047 & 454-02-0025)** Guillaume was the client liaison and was overall responsible for providing the required engineering, inspection and surveying services for the project. GOTECH was as a Sub-Consultant to James Construction Group.
06/10 - 06/11	**LADOTD Bridge Indenture, Inspection & Consulting Services, Orleans, Jefferson & St. Bernard Parishes, LA (Project No. 700-99-0510)** Guillaume was the client liaison and was overall responsible for providing the required engineering, inspection and surveying services for the project. GOTECH was a Sub-Consultant to TRC.
02/06 - 05/11	**LA DOTD John James Audubon Bridge Design / Build Project, St. Francisville, LA (Project No. 052-02-0024)** Guillaume was the client liaison and was overall responsible for providing the required engineering, inspection and surveying services for the project. GOTECH was a Sub-Consultant to Audubon Bridge Constructors.

Firm employed by Stantec					
Name	Cindy Hall		Years of relevant experience with this employer	30	
Title	Principal		Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization			Bachelor/4/ Civil Engineering		
Active registration number / state / expiration date			#27073/ LA 09/30/2023		
Year registered	1997	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities			QA/QC Safety		

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).
11/2012 – 03/2017	**Perkins Road (LA 27) Widening** As Project Manager, Cindy managed Stantec's team to conduct an environmental evaluation and engineering services study. The study was required to assess the construction of improvements to 3.4 miles Perkins Road (LA 427) from the existing 2-lane roadway to a 4-lane divided curb and gutter roadway with raised median, sidewalks, sewer and subsurface drainage. Cindy's team developed the following: conceptual traffic and design alternatives for the Environmental Assessment (EA) as needed throughout the NEPA process, environmental technical reports and public involvement to produce the EA, and the EA document which was in accordance with the Federal Highway Administration (FHWA) National Environmental Policy Act (NEPA) procedures. Cindy was responsible for the preliminary plans for widening 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, sidewalks, sewer and subsurface drainage. Cindy also oversaw the production of the final right of way maps.
09-2015 – 12/2021	**Government Street Road Diet** Cindy managed the evaluation of alternatives during the Design Study and CE 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 and safety improvements, access management, and community enhancements. Cindy provided construction support services during construction.
06/2011 – 07/2015	**I-210 Cove Lane Interchange** 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. Stantec staff developed plans for a new interchange at Cove Lane and I-210 related to the construction of a new casino.
11/2010 - Current	**Nelson Road Extension and Bridge** This project extended Nelson Road over Contraband Bayou with a 56-foot vertical navigation clearance bridge that includes roadway approaches and pedestrian/bicycle considerations. Cindy was responsible for QA/QC throughout plan development
01/2012 – 01/2013	**Local Road Safety Grant** Cindy assisted on the roadway team to complete improvements to 23 intersections which were selected based on crash data where serious injuries or fatalities were recorded. The City of Kenner received a Local Road Safety Grant from LADOTD's Local Technical Assistance Program (LTAP) to improve the intersections in Kenner that have safety concerns. Stantec was selected to produce plans to construct striping and signing improvements for these intersections, many of which were at railroad crossings.

Firm employed by Louisiana State University					
Name	Hany Hassan, Ph.D.		Years of relevant experience with this employer		2.5 years
Title	Assistant Professor of Transportation Engineering		Years of relevant experience with other employer(s)		18 years
Degree(s) / Years / Specialization			PhD / 2011 / Transportation Engineering		
Active registration number / state / expiration date					
Year registered		Discipline			
Contract role(s) / brief description of responsibilities					

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).
08/2019 – Ongoing	**Assistant Professor in Transportation Engineering** Department of Civil and Environmental Engineering, Louisiana State University, Baton Rouge, LA, USA Role, teaching undergraduate and graduate courses in transportation engineering, conducting research projects related to traffic safety evaluations, examining impacts of connected and autonomous vehicles on traffic operation and safety, investigating drivers behaviors to V2V and V2I scenarios, assessing impacts of street lighting on the safety of unsignalized intersections.
04/2018 – 07/2019	**Post-Doctoral Research in Transportation Engineering** McMaster Institute for Transportation and Logistics (MITL), McMaster University, Hamilton, ON, Canada. Role: managed and worked on research projects related to traffic safety, drivers' behaviors and ITS.
10/2013- 03/2018	**Senior Transportation Engineer / Projects Manager** Department of traffic engineering and road safety, Abu Dhabi Police / TATWEER for Traffic Assets & Systems Operation and Management L.L.C, Abu Dhabi, UAE. Role: managed projects related to traffic safety evaluation, traffic impact studies, geometric design of highway elements. Supervised a total of 10 junior engineers.
10/2011 – 09/2013	**Assistant Professor in Transportation Engineering** Civil Engineering Department, King Saud University, Riyadh, Saudi Arabia. Role, teaching undergraduate and graduate courses in transportation engineering, conducting research projects related to drivers' behaviors, factors contributing to traffic safety, safety evaluations studies.
08/2008 - 08/2011	**Graduate Research Assistant / Ph.D. Candidate** Department of Civil, Environmental and Construction Engineering, University of Central Florida, Orlando, FL, USA.

Firm employed by Stantec					
Name	Gary Heitman			Years of relevant experience with this employer	23
Title	Senior Principal			Years of relevant experience with other employer(s)	11
Degree(s) / Years / Specialization			Bachelor/ 4/ Civil Engineering		
Active registration number / state / expiration date			24670/ LA/ 09/30/2022		
Year registered	1992	Discipline	Civil Engineer/ Environmental Engineer		
Contract role(s) / brief description of responsibilities			QA/QC Roadway		

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).
07/2015- Ongoing	**I-49 Lafayette Connector** The Department plans to extend I-49 from its current terminus at I-10 south to New Orleans, by converting the existing US90 corridor to a controlled access facility. This project, a 5-mile segment from existing I-10 south through Lafayette, is a critical link, as it passes through a heavily congested urbanized area of the city. The Stantec team performed a re-evaluation of the Final EIS through the corridor, began an extensive context sensitive solutions (CSS) process, and analyzed the horizontal and vertical geometry concepts developed in the previous phases of the project. Gary is assisting with the Program Management task, including overseeing the implementation of an extensive QC/QA plan. He is also managing the 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. The Geometric team's task also includes conceptual constructability and maintenance of traffic plans, conceptual drainage design, conceptual plans for pedestrian facilities, and estimates of probable construction costs throughout the project
9/2012 – 7/2015	**LA 447/ I-12 Interchange Roundabouts** As part of the I-12 Corridor study for the Louisiana Department of Transportation and Development, the LA 447/I-12 Interchange project improved the existing ramp terminal intersections for the diamond interchange at LA 447 and Interstate 12 by creating roundabouts at the ramp terminal intersections. To optimize maintenance of traffic during construction, Gary and his team developed geometry to offset both roundabouts from the existing ramp terminal intersections, which shortened the construction time while maintaining existing traffic patterns. This concept also cut down on cost of excessive diversions/runarounds, and the piece mill construction required to complete the roundabouts if they were to be built over the existing intersection footprint. During plan development, Gary also performed QA/QC tasks for the project.

6/2011 – 7/2015	**I-210 Cove Lane Interchange** Roadway Division Manager. Gary led 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.
5/2013 – 8/2014	**New Orleans US 90 Z Hospitality Zone** Gary managed our team of roadway engineers to provide deliverables for a study to review and evaluate existing traffic patterns. He provided QC for the design solutions for the new on-ramp and restriping. The on-ramp now has a third mainline lane to US 90 Business in the Interstate 10 westbound direction. These improvements converted the existing at-grade on-ramp to a ramp structure with an acceleration lane, which allows room for a third mainline lane east of the ramp construction. As another component of this project, Pontchartrain Expressway was partially restriped to add capacity (3rd mainline lane) to this busy corridor, which helps relieve traffic in the area.
01/2012 – 01/2013	**Local Road Safety Grant** Gary led the roadway team to complete improvements to 23 intersections which were selected based on crash data where serious injuries or fatalities were recorded. The City of Kenner received a Local Road Safety Grant from LADOTD's Local Technical Assistance Program (LTAP) to improve the intersections in Kenner that have safety concerns. Stantec was selected to produce plans to construct striping and signing improvements for these intersections, many of which were railroad crossings.

Firm employed by Vectura Consulting Services, LLC					
Name	Laurence Lucius Lambert, II, PE, PTOE, PTP			Years of relevant experience with this employer	6
Title	Supervisor			Years of relevant experience with other employer(s)	18
Degree(s) / Years / Specialization			B.S./1997/Civil Engr. M.S./2006/Civil Engr. (Transportation focus) M.B.A./2010		
Active registration number / state / expiration date			PE.0029901 / LA / 3/31/2024		
Year registered	2001	Discipline	Civil		
Contract role(s) / brief description of responsibilities			QC of Stage 0 Traffic Studies		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
10/17 - 10/18	**H.013025 LA 182 (University Avenue) Corridor Planning Study (Lafayette, LA)** Laurence was the lead transportation engineer for a Corridor Planning Study for LA 182. The scope focused on improving safety and mobility for pedestrian, bicycle, and transit users. Laurence collected AM & PM peak vehicle turning movement counts as well as pedestrian and bicycle counts. Laurence coordinated with the Acadiana Planning Commission to develop growth rates and design year volumes. Laurence then performed Highway Capacity Manual analysis for 5 intersections along the intersection analyses for the signalized and roundabout controlled alternatives. Included in the study was a safety analyses of five intersections and the intermediate segments. Based on the results of the safety analysis, Laurence provided design criteria to the design team for improving safety of pedestrians, bicycles, and vehicles.
02/17 - 10/17	**STPN 17-023 Stage 0 Judge Tanner Boulevard at N. Causeway Roundabout Study (St. Tammany Parish, LA)** Laurence developed a Stage 0 Feasibility Study for roundabouts at 4 intersections in Mandeville area. Laurence, along with Brin, collected 7-day, 24-hour counts w/ classification on mainlines, turning movement counts for peak periods and speed data for mainlines. Laurence coordinated with the New Orleans Regional Planning Commission to develop growth rates and design year volumes from the TransCAD model. He performed traffic signal warrants analyses, performed a Sidra unsignalized, signalized and roundabout analyses.
06/16 - 09/17	**H.004490 Stage 0 Roundabout Studies, (Lafayette Parish, LA)** Laurence performed a Stage 0 Feasibility Study for roundabouts at ten intersections in the Lafayette area. The scope was developed based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual Section 20.2. Laurence, along with Brin, collected 7-day, 24-hour counts w/ classification, turning movement counts for peak periods and speed data for mainlines. Once the traffic data was collected, Laurence performed traffic signal warrants analyses, performed a Sidra unsignalized, signalized and roundabout analyses. After the analyses were completed, Laurence developed a report that captured the results.

09/16 - 04/17	**H.004957.5 I-12 To Bush - LA 3241 (I-12 – LA 36) Corridor Study (St. Tammany Parish, LA)** Laurence was the lead traffic engineer for a DOTD traffic study for the new LA 3241 alignment with the purpose of obtaining both existing and projected future traffic variables in accordance with standard operating procedures typically performed in these types of analyses. Laurence worked closely with the NORPC and District 62 to develop design year volumes using data the TransCAD model. The traffic study examined concepts that improved the safety and efficiency of the roadway consistent with the latest DOTD policies related to access management. Laurence, along with Brin, collected 7-day, 24-hour counts w/ classification on mainlines, turning movement counts for morning and evening peak periods and speed data for mainlines. Laurence also developed a VISSIM traffic simulation model of the preferred alternative.
01/17 – 07/17	**H.972216.1 Stage 0 Feasibility Minnesota Park Road Improvements (Tangipahoa Parish, LA)** Laurence was the task leader for traffic data collection and intersection analyses of a Stage 0 Feasibility Study. Laurence utilized the Highway Capacity Manual Analyses software Sidra software to perform an alternative analysis. Laurence was the principal author of the traffic study for the Stage 0.
03/13 – 07/13	**RPC Task S-5.13 MTP Refinement: Road Safety Assessment for US 190 Gause Boulevard (Slidell, Louisiana)** Laurence was the Project Manager for a road safety assessment for US 190, a high-accident corridor, in Slidell with the objective of identifying the different safety issues as well as recommending potential safety improvements. Crash data, traffic volumes, traffic speed, signal timings and phasing information from the Regional Planning Commission and other resources were gathered and analyzed. Road safety issues and improvements included speed, multi-modal considerations, pavement marking, signs, intersection control, lighting, obstructions, access points, traffic generators and weather conditions.
03/10 - 11/11	**S.P. No. 700-09-0171 Stage 0 and 1 Study I-49 Inner City Connector (Shreveport, LA)** This 3.5-mile route will connect existing I-49 / I-20 interchange to the proposed I-49 / I-220 interchange. After completing the Stage 0, Laurence was the project manager for the traffic analyses for the EA phase. The total traffic analyses effort included over 30 TransCAD Models, 20 interchanges and 70 intersections. Analyses included signalized and unsignalized intersections, basic freeway segments, freeway merge / diverge segments and freeway weaving segments at the studied intersections and interchanges. This project included performing both Interchange Modifications Reports (IMRs) and Interchange Justification Reports (IJRs).
11/09 – 08/10	**I-12 at Millerville Road Interchange Modification Request (Baton Rouge, LA)** The scope of this project consisted of preparing and obtaining environmental clearance for the proposed future roadway and signal improvements at the I-12 / Millerville Road Interchange. Laurence developed all HCS analyses and a micro-simulation model of the preferred alternative. Laurence also participated in several public meetings to satisfy the environmental clearance requirements.

Firm employed by Stantec Consulting Services Inc.					
Name	Joey Lefante, PE, PTOE		Years of relevant experience with this employer	13	
Title	Traffic Engineer		Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization			B.S. / 2008 / Civil Engineering		
Active registration number / state / expiration date			PE #37244 / LA / 9/30/2022		
Year registered	2012	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities			Joey has over 13 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.		

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).
2012-2017	**Government Street Road Diet Stage 0 through Final Plans Baton Rouge, LA, USA, Lead Traffic Engineer** Stantec examined improvements to increase safety, access management and throughput on Government Street (Louisiana 73) between I-110 and Jefferson Highway (Louisiana 73). Our team evaluated traffic data, developed conceptual alternatives, and accounted for the LADOTD Complete Street Policy. This project recommended a road diet resulting in a three-lane roadway cross-section with a two-way center left turn lane and shoulder bike lanes. 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. **Client:** Louisiana Department of Transportation
2014-Ongoing	**I-49 Lafayette Connector, Lafayette, LA, USA, Traffic Task Manager** Joey is responsible for coordination with DOTD traffic staff and for managing analysis of various geometric design alternatives. The project includes a comprehensive VISSIM model of the Lafayette area calibrated to DOTD standards, as well as additional analyses using TransCAD, Vistro, and Sidra software packages. The project follows the Access Justification Request (AJR) guidelines established by DOTD and FHWA. Joey has been involved in the Context Sensitive Solutions (CSS) process, attending community meetings. Feedback from the CSS process has informed changes to ramp layouts and interchange design and has enabled Stantec to redesign several key elements to emphasize urban design principles, including pedestrian and bicycle accommodations. **Client:** Louisiana Department of Transportation

2011-2015	**I-210 / Cove Lane Interchange and Roundabout, Lake Charles, Louisiana, United States, Traffic Engineer** Joey developed an Interchange Justification Report (IJR) for I-210 between Cove Lane and Nelson Road interchanges on Port of Lake Charles property. He developed peak hour traffic volumes for 28 possible design alternatives, which took into account and accommodated for all future developments in the area, including the Nelson Road Bridge over Contraband Bayou and the Ameristar Casino and Hotel development north of I-210. Joey coordinated collection of traffic counts and performed field calibration of the traffic models by collecting data such as queues and travel times. Once the alternatives were narrowed down to the final 8, Joey performed HCS and SIDRA analyses on over 50 locations per alternative. The recommended alternative included innovative interchange configurations including roundabout ramp terminals at Cove Lane and a Diverging Diamond Interchange (DDI) at Nelson Road. **Client:** Louisiana Department of Transportation and Development
2013-2014	**Perkins Road Segment 1, Baton Rouge, Louisiana, Traffic Engineer** Performed traffic study for environmental document required to widen a 3.4 mile stretch of Perkins Road from a 2-lane roadwy to a 4-lane divided curb and gutter roadway with raised median, sidewalks, sewer, and subsurface drainage. The study projected traffic for future roadway conditions and real estate developments impacted by the widening. Joey used HCS, Synchro, and SIDRA analysis software packages to analyze signalized intersections, unsignalized intersections, roundabouts, and U-turns. He also assisted in the selection of proper locations for U-turns based on traffic circulation patterns and roadway access. **Client:** City of Baton Rouge

Firm employed by Vectura Consulting Services, LLC					
Name	Prasanth Malisetty, PE, PTOE, PTP, RSP1		Years of relevant experience with this employer	1	
Title	Project Traffic Engineer/Project Manager		Years of relevant experience with other employer(s)	17	
Degree(s) / Years / Specialization			B.E. / 2003/ Civil Engineering; M.S. / 2004/ Civil Engineering		
Active registration number / state / expiration date			PE.0035792 / LA / 3/31/2023		
Year registered	2010	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Project Manager of Stage 0 Traffic Studies		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
11/20 – 12/21	**H.011909.5 Roundabout: US 171 at Boone St. (Leesville, LA)** Prasanth was the lead designer of temporary traffic signal plans as part of the sequence of construction plan for a roundabout construction at the intersection of US 171 at Boone Street in Leesville, LA. Prasanth developed a detailed study of sequence of construction plans to determine the optimal traffic signal operation and required traffic signal equipment for each sequence of construction phase. Prasanth developed multiple traffic signal timing plans by time of day for each sequence of construction phase to maintain progression along main corridor, as well as, developed temporary signal plans including pole and span wire layout, signs, striping, power source, signal timings by time of day, vehicle detection, signal head placement, wiring diagram, pole height calculations, clearance calculations, quantities, construction cost estimate.
09/20 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish) LA** Prasanth was the lead designer of temporary traffic signal plans that will be implemented during the roundabout construction along LA 30 in Gonzales, LA. The project involved replacing three existing signalized intersections with multilane roundabouts along LA 30 at I-10 Interchange ramps and at the Tanger Boulevard. Vectura also developed signal timing plans for each phase of the construction to maintain progression along LA 30.
12/18 – 7/20	**H.002297 LA 37 Sullivan Road to Liberty Road (Baton Rouge, LA).** Prasanth was the project manager to develop feasible roadway improvement that will improve operation and increase safety along the LA 37 corridor. The project included data collection, development of growth rates, existing and future traffic analyses. Prasanth was responsible for traffic forecasting for no-build and future alternatives using the CRPC travel demand models. Also, performed the existing and future traffic analysis and propose potential alternatives to mitigate existing deficiencies.
12/18 – 7/20	**H.012018 LCG Adaptive Traffic Signal System (Lafayette, LA)** The project was to develop an Adaptive Traffic Signal network for the Lafayette Consolidated Government, which involved upgrading 190 traffic signal controllers. In addition, 79 traffic signals were upgraded to become adaptive traffic signals. At the time, this was the largest adaptive traffic signal system installed within the state of Louisiana.

	Prasanth was the project engineer responsible for overseeing field inspection and develop signal design plans that included traffic signal timings.
10/16-12/18	**H.012685 LA 385 Ryan Street Feasibility Study (Lake Charles, LA)** Prasanth was the project engineer responsible for developing feasible alternatives to preserve / enhance mobility and safety along the corridor. The 1.8-mile corridor study area includes 22 intersections and 133 driveways. The project included data collection, traffic signal warrants, safety / crash review, traffic forecasting, developing alternatives, analysis of existing and proposed conditions and benefit / cost analysis. The future year traffic for the proposed roadway alternatives was forecasted utilizing IMCAL travel demand model.
01/16 – 11/17	**H.012307 LA 6 Feasibility Study (Natchitoches, LA)** Prasanth was the Project Engineer responsible for performing Stage 0 Feasibility study along the corridor. Responsible for safety analysis and alternatives analyses which includes roundabouts, R-CUT and signalized intersection using Sychro, Sidra and Vissim software.
06/15 – 04/17	**H.011733.5 US 80 Traffic Control Signal Upgrade (Shreveport, LA)** Prasanth was the Project Engineer responsible for developing new signal design plans and timings along the corridor. Responsible for data collection, intersection analysis and signal design plans.
06/15 – 12/16	**H.011280.1 LA 10 Stage 0 Feasibility Study (Bogalusa, LA)** Prasanth was the Project Engineer responsible for performing a Stage 0 Feasibility study along the corridor. Responsible for traffic forecasting, safety analysis and developing alternative concepts to improve corridor operations.
01/11 - 04/12	**H.005734 LA 447 Corridor Study (Walker, LA)** Performed alternatives analysis using VISSIM modeling to improve safety and mobility. Included analysis of eight roundabout geometry intersections.
06/11 – 8/12	**H.002397.1 LA 16 – I-12 Interchange, Livingston Parish, LA**. Prasanth was the Project Engineer responsible for traffic forecasting, interchange analysis using HCM and intersection analysis using Synchro. Responsible for developing multiple interchange alternative concepts that included signal timing.
09/10 – 2/12	**S.P. No. 700-99-0447 US 190 Superstreet Study, Covington, LA.** Prasanth was the project engineer responsible for performing corridor study and develop solutions to improve mobility along the corridor. The alternatives analyses included R-CUT and signalized intersection using Synchro and SimTraffic. Responsible for data collection, travel time runs and intersection analysis that included recommended signal timings.

Firm employed by	Stantec Consulting Services Inc.				
Name	Stephen Mensah, PhD, PE, PTOE, RSP1		Years of relevant experience with this employer	11	
Title	Associate		Years of relevant experience with other employer(s)	5	
Degree(s) / Years / Specialization			PhD, PE, PTOE, RSP1		
Active registration number / state / expiration date			38591/Louisiana/ 9-30-2022		
Year registered	2013	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities			Road Safety Analyst/System Engineering Analysis		

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).
05/13 – 08/13	**MTP Refinement: Road Safety Assessment (Safety Analyst) | Slidell, LA** Assessed road safety of a high-accident corridor in Slidell with the objective of identifying the different safety issues as well as recommending potential safety improvements. Stephen worked as part of our team to gather and analyze crash data, traffic volumes, traffic speed, signal timings and phasing information from the RPC and other resources. We also provided an inventory of pertinent roadway elements such as lane width, pavement markings, signage, and surface obstacles. Road safety issues and improvements included speed, multi-modal considerations, pavement marking, signs, intersection control, lighting, obstructions, access points, traffic generators and weather conditions. Stephen also generated cost estimates for proposed safety improvements to help in programming. **Client: New Orleans Regional Planning Commission**
05/13 – 08/13	**Government Street Road Diet, Baton Rouge, Louisiana (Safety Analyst)** This project involved the implementation of a road diet and conversion of a four-lane urban principal arterial into a two lane corridor with new bike lanes, improvements to sidewalk and the streetscape. Stephen assisted in developing the Stage 0 Feasibility Study, analyzed safety performance in this corridor and used methodologies HSM and Human Factors Guide to evaluate safety impacts of implementing road diet and bike lanes in the corridor. Stephen helped with the feasibility study for the MPO/DOT. Stephen helped to develop conceptual alternatives to increase traffic safety and improve access management on this corridor **Client: Louisiana Department of Transportation and Development**
05/12-07/15	**I-210/Cove Lane: Ameristar Casino & Hotel Off-Site Improvements, Lake Charles, Louisiana (Safety Analyst)** Assisted with the development of Stage 0 Feasibility Study for the project located adjacent to I-210 between Cove Land and Nelson Road Interchanges on Port of Lake Charles property. Project includes a destination

	gaming resort facility with a riverboat casino, restaurants, hotel, parking garage and 18-hole golf course. Stephen analyzed safety performance of both interstate system and surface streets. **Client: Louisiana Department of Transportation and Development**
5/13 – 8/14	**US 90Z New Orleans Hospitality Zone, New Orleans, Louisiana (System Engineering Analyst)** Performed safety analysis to determine the abnormal crash zones and overrepresented crashes in the crash data for the project scope to improve mobility and safety in downtown New Orleans by deploying intelligent transportation systems (ITS) to manage traffic. This analysis yielded inferences on the causative issues for crashes in the corridor and the countermeasures required to mitigate them. The outcomes of this analysis also informed the transportation management plan (TMP) required to manage traffic during construction and successfully deploy ITS devices to enhance mobility and safety. An effective TMP is required not only to ensure road user and construction worker safety but also to reduce client exposure to litigation from crashes. **Client: Louisiana Department of Transportation and Development**
03/13 - 06/14	**Nicholson Corridor Improvements, Baton Rouge, Louisiana (Safety Analyst)** LA 30 corridor is being developed into a multimodal corridor and Stephen was responsible for the predictive safety analysis for mitigation in design. Assessed multimodal safety and evaluation of countermeasures. Stephen also analyzed geometric design exceptions to inform decision making on roadway elements **Client: Louisiana Department of Transportation and Development**
04/18-19	**Alexandria Regional ITS Architecture Updates (Project Manager/System Engineering Analyst)** Stephen led the updates to the Alexandria area intelligent transportation systems (ITS) deployment planning. Stephen led stakeholder meetings with DOTD, the Metropolitan Planning Organization, local law enforcement agencies and public transit. As part of the task Stephen reviewed safety in the McArthur Drive corridor and made recommendations for the deployment of ITS to enhance safety in the corridor
03/21-Ongoing	**Baton Rouge Regional ITS Architecture Updates (Project Manager/System Engineering Analyst)** Stephen leads the updates to the intelligent transportation systems (ITS) deployment planning document within the Baton Rouge MPO boundary. Stephen met with several stakeholders for deliberations on ITS including the MPO Technical Advisory Committee, DOTD ITS, DOTD District 62, LSP, LTRC, TMC Operations, City of Baton Rouge, Capital Area Transit, and local law enforcement agencies. As part of the task Stephen evaluates mobility and safety issues and presents ITS solutions that can address needs in the Baton Rouge area.

Firm employed by Stantec					
Name	Michael Neumann			Years of relevant experience with this employer	6.5
Title	Civil Engineer			Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			Bachelor of Science / 4 / Civil Engineering		
Active registration number / state / expiration date			PE 45396 / LA / 9-30-2023		
Year registered	2021	Discipline	Civil Engineer		
Contract role(s) / brief description of responsibilities			Roadway Design		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
07/16 – 12/21	**Government Street Road Diet** Analyzed existing conditions through field work. Documented sidewalk conditions for ADA compliance along the length of the project and produced recommendations for improvements. Produced construction quantity estimation that included drainage structures, pavement, striping, etc.
09/21 - Ongoing	**I-49 Lafayette Connector** Conducted drainage pattern analysis for project's 5.5 mile drainage basin. Produced drainage quantity estimation based on current design and LADOTD hydraulics standards.
08/15 – 04/17	**Perkins Road (LA 427) Widening Preliminary Plans** Completed drainage pattern analysis through field work. Designed drainage system for majority of the project that included inlets, subsurface pipes, side drains, open channels, and cross drains.
10/16 – 04/21	**LA 30: South Blvd to W. Chimes Design** Completed subsurface drainage design of Highland Road and Oklahoma Street and wrote the hydraulics report for the project. Designed graphical grades for Oklahoma Street turnout onto Highland Road. Completed modeling of LA 30 and produced earthwork estimation and cross-section technical drawings. Designed striping along LA 30 and produced technical drawings.
08/17 – Ongoing	**Nelson Road Extension** Designed drainage for the roadway portion of the project that includes subsurface drainage and open channels. Produced drainage design technical drawings. Wrote and compiled the hydraulics report. Modeled the project and produced earthwork estimation and cross-section technical drawings.

Firm employed by Stantec					
Name	Mary Frances O'Rourke		Years of relevant experience with this employer	11.5	
Title	Civil Engineer		Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization			Bachelor Degree/ 4 / Civil Engineering		
Active registration number / state / expiration date			41444/ Louisiana/ 9/30/2023		
Year registered	5	Discipline	Civil Engineer		
Contract role(s) / brief description of responsibilities			Roadway Design/ Complete Streets		

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).
9/2015 – 12/2021	**Government St Road Diet** Engineer. Developed signing layout, striping layout, and maintence of traffic plans. Assisted with plan development of typical sections, plans sheets, geometric details, and graphical grades. Developed quantities and cost estimate for the project.
07/15 - Ongoing	**I-49 Lafayette Connector** Engineering Intern/Engineer. Developed Signing layout of a 5.5 mile stretch of new Interstate and frontage road system facility through the City of Lafayette. Assisted with geometric design & plan development for the referenced project. This included horizontal & vertical geometry, pedestrian crossings and connections, ROW and C of A. Assisted with conceptual drainage design.
11/12 – 03/17	**Perkins Road (LA 427) Widening** Engineer Intern. Assisted with developing the Environmental Assessment Report. Assisted with plan development which included plan sheets, pedestrian/bicycle facilities layout, geometric layout, quantities, and cost estimates.
09/12 – 07/15	**LA 447/I/12 Interchange Roundabouts** Engineer Intern. Safety Retainer Task Order for the design of two roundabout intersections for the ramp terminals within the I-12 interchange. Assisted with plan development which also included quantities and cost estimates.
05/20 – 8/14	**US 90Z Hospitality Zone** Assisted with design of a new entrance ramp which included the reconfiguration of the existing through lanes to reclaim a previously dropped lane along the US 90Z corridor. Assisted with design of horizontal and vertical geometry, drainage, striping and signing.
03/13 - 6/14	**LA 30: South Blvd. W. Chimes** Engineering Intern. Assisted with development of Feasibility Study and development of preliminary plans. This included striping and signing, quantity calculations and cost estimates.

11/10 - Ongoing	**Nelson Road Ext. & Bridge** Roadway Designer. Design of the extension of Nelson Road over Contraband Bayou with a 56-foot vertical navigation clearance bridge that includes pedestrian and bicycle considerations. Designed horizontal and vertical geometry, drainage, signing, striping, and MOT.

Firm employed by Vectura Consulting Services, LLC					
Name	Reece Rodrigue, PE, PTOE			Years of relevant experience with this employer	1
Title	Project Traffic Engineer			Years of relevant experience with other employer(s)	7
Degree(s) / Years / Specialization			B.S. / 2013/ Civil Engr.		
Active registration number / state / expiration date			PE.0042074 / LA / 3/31/2023		
Year registered	2017	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Support Traffic Engineer for Stage 0 Studies		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
02/21 – Ongoing	**LA 67 (Plank Rd) Corridor Enhancement – Dawson Street to Harding Blvd (Baton Rouge, LA)** Reece performed the geometric field checks along with Prasanth. Reece then captured the geometric field data in figures developed in CAD per the TEPR process.
09/20 – 12/21	**H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish)** Reece is a project engineer as part of the design team for the temporary signal design associated with the sequence of construction for the roundabout at US 171 at Boone St. He conducted a thorough analysis of the existing allowable movements on US 171 and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.
09/20 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish)** Reece is a project engineer as part of the production of the temporary signal design associated with the sequence of construction for the roundabouts on LA 30 in Gonzales, LA. This project consists of eight proposed construction phases. Prasanth and Reece calculated the temporary pole heights, determining the placement location for the temporary poles for each phase, measuring and calculating clearance intervals. Reece conducted a thorough analysis of the existing allowable movements on LA 30 and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.
4/20 - Ongoing	**H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project (Belle Chasse, LA)** Reece is the design engineer for the temporary traffic signal plans for the intersections of LA 23 at Burmaster St and at Engineers Rd. The design of the temporary signals is set for eight phases of construction. Temporary pole locations were recommended for placement for use in all construction phases. Temporary pole heights and clearance interval calculations were conducted in accordance with DOTD and ITE guidance. Reece was responsible for producing the traffic analysis portion of the Traffic Management Plan (TMP), which were also used in the permanent and temporary signal timing plans. He also assisted in the production of the permanent signal plans for the same intersections as the temporary signal plans. Reece was responsible for the production of

	the permanent signal plans for the LA 23 intersections at Engineers Road and at Burmaster Street. He evaluated stop bar locations, calculated vehicle, and pedestrian clearance intervals, designed the railroad preemption sequence for both at-grade crossings, designed the wiring layout, and developed the interconnect plan.
11/15 – 12/16	**H.011849 Veterans Boulevard Corridor Stage 0 Feasibility Study (Jefferson Parish, LA)** Reece was the project manager for the Stage 0 Corridor Retiming Study along Veterans Blvd from Lake Ave to Massachusetts Ave. He evaluated turning movement counts and the existing traffic signal timings and plans for the 31 signalized intersections along the corridor. He conducted travel time analyses through the corridor during morning, midday, and afternoon peak periods to determine the current flow of traffic through the corridor. He used calculations recommended by ITE to determine the clearance intervals of each intersection along the corridor. For the purposes of analyzing each intersection along the corridor, he assisted in producing a model of the corridor using the traffic signal timing optimization software Synchro 8. He assisted in implementing the new signal timings into the traffic signal controllers of the intersections. Once implementation was complete, he conducted travel time analyses using the new traffic signal timings. He also assisted in drafting the study's report.
02/16 - 12/16	**H.005733.5 US 190 Superstreet Task Order (St. Tammany Parish, LA)** Reece was a team member responsible for the layouts for the US 190 Superstreet signal designs. He created the preliminary plans using the CAD software program MicroStation V8i. He aided in the technical design of each intersection. He conducted field inspections to verify locations of existing equipment as well as observing the area for feasible proposed utility locations. He attended project team meetings to discuss the project details as well as the plan-in-hand walk-through.
01/16 – 11/17	**Ochsner Main Campus Traffic Signals (Jefferson Parish, LA)** Reece served as a design engineer for the traffic signal plans for the two Ochsner Main Campus access traffic signals with US 90 (Jefferson Hwy). The goal of the design was to implement updated pedestrian timings as well as optimize progression through the US 90 corridor. He reviewed traffic data and assigned time of day coordination timing parameters for the two intersections so that they may be included in the coordinated system west of the intersections. He used TruTraffic determine the appropriate offset parameters so that vehicles may progress efficiently through the coordinated system. Plans for the two intersections were drafted in the form of DOTD's latest version of the TS) format. He was responsible for estimating construction quantities using DOTD's 2016 Spec Item list.

Firm e Firm employed by GOTECH, Inc.mployed by GOTECH			
John Schexnayder, P.E., CFM, CSM		Years of relevant experience with this employer	4
Project Manager		Years of relevant experience with other employer(s)	11
Degree(s) / Years / Specialization		B.S. / 2003 / Civil Engineer ASFPM – Certified Floodplain Manager 2014 / US-14-07449 APWA – Certified Stormwater Manager 2014	
Active registration number / state / expiration date		33284 / LA / 9/30/2019	
Year registered	Civil Engineer Discipline	Registered Professional Civil Engineer	
Contract role(s) / brief description of responsibilities		Project Manager / Mr. Schexnayder is a registered professional civil engineer and serves as a project manager at GOTECH, Inc. His duties include design, coordination, technical construction document preparation, specification preparation, and quality control review for projects. Mr. Schexnayder also represents GOTECH as a project manager at meetings with public, federal, state and local government and private owners. Mr. Schexnayder has a variety of experience on drainage improvement projects, sewer system design, pump station upgrades, roadway design, site work design and cost estimating. He also has experience in hydrologic and hydraulic modeling and analysis.	
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).		
03/15-12/16	**LA DOTD Retainer Contract for Safety Studies (4400004403)** GOTECH was a subconsultant to AECOM on State Project Number H.0011489.5 – Low-Cost Safety Improvements Statewide. Mr. Schexnayder, as project manager, included identifying effective roadway departure countermeasures, selecting appropriate countermeasures for highway curves, and preparing plans/cost estimates. There was a total of 282 curves included in this project located throughout the state. GOTECH’s main role was plan preparation for the identified safety improvements at each curve location and preparing cost estimates.		
02/12-Ongoing	**Pointe-Marie: A New Village, Baton Rouge, LA** Mr. Schexnayder is a professional engineer with over 18 years’ experience on a wide variety of civil engineering projects including project management, land development, hydraulics and hydrology, stormwater management,		

	site design, roadway design, infrastructure design, and construction administration. He served as the design engineer and project manager for Pointe-Marie Phase I (Baton Rouge, LA), and is currently the project manager for MOVEBR Scenic Hwy Enhancement Project (Harding Blvd. to Swan Ave), Baton Rouge, LA. He is also a Certified Floodplain Manager and an APWA Certified Stormwater Manager. Mr. Schexnayder is the project manager and engineering lead for the on-going design and construction of Pointe-Marie. This project entails community development of a mixed-use village encompassing over 120 acres. His duties include design of roadways, pedestrian facilities, drainage, grading, sanitary sewer system, utility layout and coordination, and overseeing construction activities.
09/17-03/18	**Milan Group A: City of New Orleans, Department of Public Works** Mr. Schexnayder was the project manager for a substantial roadway project in New Orleans, LA. This project entailed pavement repairs and rehabilitation of several blocks of city streets, including pavement patch and overlay, sidewalks and utility coordination.
10/15-02/18	**@Highland Commercial Development, Baton Rouge, LA** Mr. Schexnayder was the project manager and civil engineer for the on-going @Highland Commercial Development. This project entailed the development of a 9-acre technology campus, located in Baton Rouge, LA. His duties included design of roadways, sidewalks, grading, drainage, sanitary sewer system, utility layout, and overseeing construction activities.
01/18-Ongoing	**Prospect Blvd Sidewalks – LA DOTD – Terrebonne Parish (4400010389)** Mr. Schexnayder is the project manager for this project which consists of providing the topographic survey and design for approximately 2,800' of ADA compliant sidewalk along the eastern side of Prospect Blvd from LA 24 (East main St.) to Woodside Drive in Terrebonne Parish. This is an Urban Systems Project being prepared for the Terrebonne Parish Consolidated Government in accordance with LADOTD requirements. GOTECH's role includes topographic survey, preliminary plans, and final plans, in accordance with Louisiana Department of Transportation and Development standards. The final plans include typical sections and details, summary of estimated quantities, cost estimate, and stormwater prevention pollution plan.
08/12-12/13	**Regional Planning Commission - ADA Transition Plan, Jefferson Parish, LA** Mr. Schexnayder was the project manager for the ADA Transition Plan for the Regional Planning Commission in Jefferson Parish, Louisiana. GOTECH prepared a transition plan by identifying and prioritizing intersections most in need of ADA accessibility. GOTECH produced site sketches showing suggested improvements and also provided construction cost estimates. GOTECH was the prime consultant for this project.

Firm employed by GOTECH, Inc.				
Name	Brian Smith, P.E., L.S.I.		Years of relevant experience with this employer	1
Title	Project Manager		Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization		B.S. / 2002 / Civil Engineering		
Active registration number / state / expiration date		0032484 / LA / 09-30-2022 0000490 / LA / 03-31-2023		
Year registered	2006	Discipline	Professional Engineer	
Contract role(s) / brief description of responsibilities		Mr. Smith has extensive experience in civil engineering with a focus in airports, road design, drainage, water distribution systems, subdivisions and commercial developments. He has served as design engineer and project manager on various airport, roadway, drainage and water system projects. In addition, he has designed and managed construction on numerous airport projects in south Louisiana and was airport engineer for Hammond Northshore Regional, Louisiana Regional Airport, Jennings Industrial Airpark, and lead design engineer for others. These projects have included design of runway extensions, taxiway extensions, aprons and hangars, as well as the associated NAVAIDs and lighting equipment required.		

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).
09/18-12/20	**Runway 18-36 Extension, Alexandria International Airport (AEX), Alexandria, Louisiana** Pan American Engineers-Alexandria. As Project Manager Mr. Smith was responsible for coordination with prime consultant for airfield design and Environmental Assessment, preliminary pavement design, preparation of preliminary plans including FAA and UFC Joint Use Facility requirements, preliminary specifications, constructability review and cost estimate. Additional tasks included developing a 3-D model surface to ensure that the runway intersect meets minimum FAA design grade requirements and provides adequate drainage. The project included alternates for both concrete pavement and asphalt pavement to ensure that we can complete the project within the available funding limits.
05/17-12/18	**Air Carrier Cargo Apron, Baton Rouge Metropolitan Airport (BTR)** City/Parish of Baton Rouge, Louisiana. As Project Manager Mr. Smith was responsible for evaluation of existing PCC pavement adjacent to AARF facility, developing plans, specifications and estimates for the construction of the Air Carrier Cargo Apron Panel Replacement and Bidding and Construction Phase Services. Also responsible for Environmental Documentation (CATEX), Construction Safety Planning and Phasing, and project air spacing with FAA.
11/15-09/20	**Runway 18-36 and 13-31 Intersection Rehabilitation, Hammond Northshore Regional Airport (HDC), Hammond, Louisiana** Hammond Northshore Regional Airport. As Project Manager Mr. Smith was responsible for developing plans, specifications and estimates for the reconstruction of intersection of Runway 18-36 and Runway 13-31 at the Hammond Northshore Regional

	Airport. Also responsible for developing a 3-D model of survey to ensure that the runway intersect meets minimum FAA design grade requirements and provides adequate drainage.
07/04-05/06	**Runway 13 – 31 Rehab, Hammond Northshore Regional Airport (HDC), City of Hammond, LA** Hammond Northshore Regional Airport.. As Project Manager Mr. Smith. Responsible for developing plans, specifications and construction estimates for the Runway 13-31 Rehab project at the Hammond Northshore Regional Airport. Project responsibilities included coordination of survey and geotechnical investigation with the airport and FAA, pavement evaluation and alternate pavement design (FAARFIELD), Preliminary Engineering Report and recommendations, preliminary and final construction plans, construction safety and phasing plan, project specifications, project airspacing, Bidding and Construction Administration.

Firm employed by Stantec Consulting Services Inc					
Name	Steve Wallace, PE		Years of relevant experience with this employer	29	
Title	Principal		Years of relevant experience with other employer(s)	9	
Degree(s) / Years / Specialization			BS | 1982 | Civil Engineering		
Active registration number / state / expiration date			PE No. 22750 | LA | 09/30/2022		
Year registered	1997	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities			Steve brings 29 years of experience in managing numerous traffc, highway and bridge projects. His comprehensive knowledge of these disciplines has enabled him to competently perform engineering services from conceptual / traffc studies to plan preparation (preliminary through fnal stages), as well as, construction supervision. Steve has over 38 years of knowledge in the design and transportation-related projects. His project experience ranges in complexity from major rural and urban roadway projects to minor urban projects. Steve will serve as QC/QA ROADWAY for this contract.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
07/15 - Ongoing	**I-49 LAFAYETTE CONNECTOR - URBAN CORRIDOR PROJECT | LADOTD | Lafayette, Louisiana | Program Manager** Steve responsibilities include: overseeing the program schedule, budget and 13 sub-consultants; coordinating with DOTD HQ & District 03, City-Parish, MPO, USACE, FAA, LFT Airport, SHPO and DEQ; leading the extensive community/stakeholder input process; developing CSS/Urban Design Corridor & Complete Streets options, alternatives to minimize environmental & community impacts, funding strategies, maintenance of traffic scenarios to minimize congestion, ROW Acquisition Plan and Utility Relocations.
04/11 - 06/15	**I-210 COVE LANE INTERCHANGE - URBAN CORRIDOR PROJECT | LADOTD | Lake Charles, Louisiana | Project Manager** Steve led the development of the new interchange that included: IJR approval, traffc studies, EA documentation and FONSI, Corps permit approval, design and plan development, right-of-way maps, and utility relocation. He orchestrated parallel reviews and approvals for the IJR, EA, and design/plan development with work occurring simultaneously for all three stages. Steve worked with a private developer to fund the upfront project development and a portion of the construction.

10/09 - 06/11	**US 90 INTERCHANGE AT LA 85 DESIGN-BUILD | LADOTD | Iberia Parish, Louisiana | Project Manager** As one of LADOTD's first Design-Build teams, Steve managed the design effort and served as engineer of record for this project which provided a new overpass of US 90 across LA 85. All aspects of roadway, traffic, bridge and drainage design were involved in this project, including raising the classification and design standards for US 90 to interstate standards. A Quality Plan was also developed and approved by LADOTD to manage the design quality control provided by Stantec for the project.
01/07 - Ongoing	**BATON ROUGE LOOP IMPLEMENTATION PLAN AND TIER 1 EIS - URBAN CORRIDOR PROJECT | LADOTD | Baton Rouge, Louisiana | Principal-in-Charge** Steve is managing Stantec's responsibilities for this project and over the last five years has served as the Project Manager. The project began with developing an Implementation Plan for the Capital Area Expressway Authority for the construction of a 90 to 105-mile toll loop through 5 parishes. This first phase was a one-year contract with components similar to the new planning and environmental linkage phase LADOTD is enacting. It involved extensive coordination with affected agencies including the 5 parishes, LADOTD, FHWA, Coast Guard and Corps of Engineers, as well as, public outreach and public meetings. Stantec's scope of work included determining potential corridor alternatives, identifying potential Mississippi River crossings, preliminary regional traffic modeling and studies, traffic and revenue studies and toll analyses, preliminary cost estimates, participation in environmental inventories, and development of potential financial models and project delivery options. Steve is leading Stantec's similar responsibilities in the current phase, Tier I EIS, where alternative corridors have been refined in coordination with environmental resources, navigation input, Mississippi River bridge studies, traffic study results, significant public involvement, state and federal agency input, and development of detailed cost estimates, This effort led to securing a Final Environmental Impact Statement in November of 2015 and to development of a Draft and Draft-Final Record of Decision for the preferred corridor. Steve also managed refined traffic analyses developed for the north segment of the preferred corridor to estimate potential toll revenue.

Firm employed by GOTECH, Inc.				
Name	James "Drew" Walsh, P.E., PMP		Years of relevant experience with this employer	2
Title	Director of Engineering & Project Management		Years of relevant experience with other employer(s)	22
Degree(s) / Years / Specialization			Bachelor of Science / 1996 / Environmental Engineering (United States Military Academy, West Point, NY) Master of Science / 2003 / Business Administration	
Active registration number / state / expiration date			P.E. License No. 29340 / LA / 3-31-2023	
Year registered	2001	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Engineer	

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).
02/19 - Present	**Pointe-Marie, Baton Rouge, LA** Mr. Walsh is currently the project manager and lead engineer for the on-going design and construction of Pointe-Marie. This project entails a planned community development of a mixed-use village encompassing over 120 acres. His duties include the design of roadways, drainage, grading, sanitary sewer system, utility layout and coordination and overseeing construction activities. Phase I is complete and Phase II is underway. Mr. Walsh developed a Hydraulic Model for the Pointe-Marie development to plan the drainage design. From the model, he developed construction plans for 5 drainage projects. Working to improve drainage across overhead utilities and underground pipelines in the north end of the property to include Entergy Transmission and Distribution, Shell Pipeline, Baton Rouge Sewer Force Main and Entergy Gulf States.
06/19 - Present	**LADOTD Belle Chase Bridge & Tunnel Replacement P3 (Project No. H.004791)** Mr. Walsh is preparing the topographic survey for new Belle Chase Bridge. This survey includes subsurface utility location by pot holing (Level A SUE). GOTECH provided Level A, B, C and D SUE investigations.
08/08 - 08/11	**United States Army Corps of Engineers (USACE) Hurricane Protection Office** Mr. Walsh was Senior Project Manager for Permanent Canal Closures and Pumps. This was a $700M project for three Permanent Canal Closure and Pump Stations for the 17th Street, London Ave and Orleans Ave Canals. He managed the writing of the Request for Proposals (RFP), the completion of the Environmental Report, gaining the Partnership Agreement with the Non-Federal Sponsor, Orleans Parish Sewage and Water Board, CPRA, SLFPA-E and the Orleans Levee District, and the advertisement of the project. He finalized the real estate

	acquisition and prepared for the project kickoff, outlining the requirements of the Government's involvement. He was part of the selection committee during the selection of the contractor.
07/06 - 08/08	Stuart Consulting Group Mr. Walsh managed 20 USACE projects from engineering, design, production of plans and specifications by an A/E, through advertisement, award and construction. He managed project budgets and schedules as well as project engineers and quality assurance representatives during construction. These projects were for the Task Force effort to repair damage caused by Hurricane Katrina to Orleans, Jefferson, St. Bernard and Plaquemines Parishes Pump Stations, totaling over $100M. Mr. Walsh coordinated with the following the levee districts as a part of this project, Orleans, Pontchartrain, Lafourche, East and West Jefferson, Algiers and Lake Borgne, and was presenting to them and attending meetings as they were forming into SLFPA-East and SLFPA-West after Hurricane Katrina as well as CPRA.
09/05 - 07/06	**Lapalco Blvd. (Jefferson Parish)** – Shread-Kuyrkendall & Associates, Inc. Mr. Walsh was the Civil / Hydrologic / Hydraulic Engineer and project manager for design and construction project with oversight from LADOTD due to federal funding. Mr. Walsh was responsible for the survey and developed the surface used to design cross sections in InRoads. Mr. Walsh engineered the subsurface drainage system, cross drains, horizontal and vertical alignments, typical sections and plans. Jefferson Parish selected the contractor and Mr. Walsh managed the construction phase of this project. Responsibilities included approving pay estimates and material submittals, resolving all construction and design problems, managing material sampling plans, coordinating with parish officials, contractors and property owners, submitting plan changes to proper agencies, and managing field books and daily diaries. Construction Cost: $9.1M.

17. **Firm Experience:**

Identify the team's project experience **most relevant** to the scope in the advertisement. The projects should be limited to a total of 30, with no more than 10 projects being represented by a single firm on the team. If more than 30 projects are identified, all projects identified after the first 30 will not be evaluated. If more than 10 projects are identified for a single firm, all projects identified after the first 10 from that firm will not be evaluated. Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm name	Stantec Consulting Services Inc.		Past Performance Evaluation Discipline(s)*	Roadway/Traffic	
Project name	Government Street Stage 0 Through Final Plans		Firm responsibility (prime or sub?)	Prime	
Project number		Owner's name	CRPC/LADOTD		
Project location	Baton Rouge, Louisiana		Owner's Project Manager	Jamie Setze	
Owner's address, phone, email	333 North 19th Street, Baton Rouge, LA 70821| 225- 383-5203 | jsetze@crpcla.org				
Services commenced by this firm (mm/yy)	05/12	Total consultant contract cost ($1,000's)		$1,207	
Services completed by this firm (mm/yy)	Present	Cost of consultant services provided by this firm ($1,000's)		$1,399	

Government Street was a four-lane, undivided highway that experienced significant amount of vehicular crashes. To address these issues, a study was initiated to examine improvements to increase traffic safety and improve access management. To help identify areas of need and prioritize improvements, Stantec evaluated traffic and crash data to develop conceptual alternatives to increase traffic safety and improve access management. We accounted for the LADOTD "Complete Street" policy, which requires pedestrian and bicycle facilities be accommodated for upgraded or new roadway facilities. We developed several scenarios for new cross-sections including bike lanes, enhanced and widened sidewalks, on-street parking and bus turn-outs. A Road Diet was identified as the preferred alternative, which would remove two lanes of travel and add a center turn lane. From an operational perspective, the road diet showed no material degradation in operation when compared to its current condition and would create many multimodal opportunities. The eastern terminus of the study culminates in a roundabout at the intersection Government Street and Lobdell Avenue. The new geometry will provide much clearer and safer choices at this currently skewed intersection. The roundabout study was conducted using the LADOTD EDSM. Stantec assisted LADOTD in filing a categorical exclusion for the road diet project. The environmental process included a public meeting which was held in 2015. Stantec has since completed final plans for this project which will be the first Road Diet implemented in the City of Baton Rouge. Plans include bike lanes, curb, sidewalk and driveway upgrades, as well as landscaping in areas of new raised medians and outside the curbed roadway.
Stantec is currently providing construction support.

TEAM MEMBERS INVOLVED: M. Bruce, S. Mensah, J. Lefante, C. Hall, J. Cains, M. O'Rourke

Firm name	Stantec Consulting Services Inc.		Past Performance Evaluation Discipline(s)*	Environmental/Planning	
Project name	Perkins Road (LA 427) Environmental Assessment		Firm responsibility (prime or sub?)	Prime	
Project number	H.004101	Owner's name	The City of Baton Rouge		
Project location	Baton Rouge, Louisiana		Owner's Project Manager	Craig Rabalais	
Owner's address, phone, email	6767 Perkins Road, Baton Rouge, LA 70808, 225-769-0546, rabalais@csrsonline.com				
Services commenced by this firm (mm/yy)	2012	Total consultant contract cost ($1,000's)		$37,000	
Services completed by this firm (mm/yy)	2014	Cost of consultant services provided by this firm ($1,000's)		$270.8	

The City of Baton Rouge and the Louisiana Department of Transportation and Development (DOTD) determined a need to increase capacity along Perkins Road (LA 427) between Siegen Lane and Highland Road. Stantec has been hired by the City of Baton Rouge to conduct an environmental evaluation and engineering services to assess a widening project for the segment of Perkins Road from Siegen Lane to Pecue Lane. The existing roadway is 2-lanes with open ditches and very few shoulders. There are no existing sidewalks, pedestrian crosswalks, or ADA accommodations. Stantec's study evaluated widening the 2-lane roadway to a 4-lane divided roadway with a raised median, curb and gutter drainage system, sidewalks and median openings spaced according to DOTD's access management guidelines. The Perkins Road widening is needed to accommodate the increase in traffic and improve travel efficiency along this corridor which is surrounded by roadways with recent capacity improvements. The proposed project provides a safer roadway section with a raised median, turn lane pockets, and no open ditches adjacent to the roadway. It also accommodates multiple modes of transportation including safe accommodations for pedestrian and bicycle travel. The completed project will promote access management principles which have been shown to increase capacity and safety. Stantec was tasked with providing conceptual traffic analyses and design alternatives for the corridor, as well as, preparing an Environmental Assessment in accordance with the Federal Highway Administration's (FHWA's) National Environmental Policy Act (NEPA). The study includes the analyses of alternatives, a line and grade analysis of the preferred alternative, traffic modeling for the U-turns and lane improvements, and preliminary traffic signal capacity analyses.

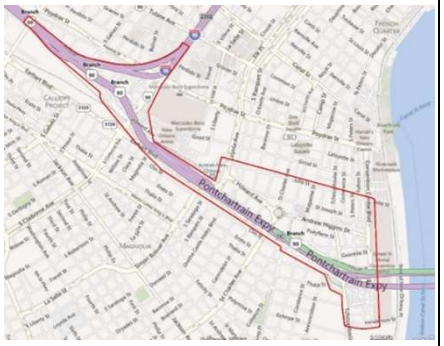
TEAM MEMBERS INVOLVED: C. Hall, J. Lefante, M. O'Rourke

Firm name	Stantec Consulting Services Inc.	Past Performance Evaluation Discipline(s)*	Planning
Project name	MTP REFINEMENT: ROAD SAFETY ASSESSMENT FOR GAUSE BOULEVARD	Firm responsibility (prime or sub?)	Prime
Project number	RPC S-5.13; FY-13	Owner's name	New Orleans Regional Planning Commission
Project location	Slidell, Louisiana	Owner's Project Manager	John King
Owner's address, phone, email	10 Veterans Memorial Boulevard, New Orleans, LA 70124, 504-483-8503, jking@norpc.org		
Services commenced by this firm (mm/yy)		Total consultant contract cost ($1,000's)	
Services completed by this firm (mm/yy)		Cost of consultant services provided by this firm ($1,000's)	

Over a three year span from 2009 to 2011, a total of 1,058 crashes occurred in the Gause Boulevard (US 190) corridor from Robert Boulevard (LA 1091) to Pearl Drive in Slidell, Louisiana. Crash types, such as rear-end and side-swipe crashes, in this area were higher than statewide averages for the type of crash and highway classification, making Gause Boulevard a high priority for safety improvements by the Regional Planning Commission (RPC). Our engineers were up for the challenge of analyzing and evaluating road safety performance of this corridor with the objective of identifying the safety issues and recommending potential safety improvements. As part of the contract, a Project Advisory Committee was established consisting of representatives of the City of Slidell, RPC, DOTD, and other stakeholders. Their role on the project was to review the findings and recommendations so they could have input on the proposed solutions to achieve the project goal of making this area safer to drive. Crash data, traffic volumes, traffic speed, signal timings and phasing information from the RPC and other resources were gathered and analyzed. We also provided an inventory of pertinent roadway elements such as lane width, pavement markings, signage, and surface obstacles. The road safety assessment focused on every element that impacted the driver, pedestrian, bicyclist or vehicular movement in the context of the corridor. This included the following: posted speed, vehicular speed, crosswalks, pavement condition, pavement markings, sight lines, signs, intersection control, lighting, obstructions, access points, traffic generators and weather conditions. For each road safety issue identified, we provided a recommendation for an improvement, described the enhancement, estimated the time for completion, cost for construction and identified the responsible agency. Solution options with cost analysis were given to the RPC to provide flexible options to address safety issues using crash data to prioritize the improvements recommended. These solutions were organized into three categories: short term (less than one year), mid-term (one to three years) and long term (over three years). An example of one of the short term solutions to update signal timings. To develop this deliverable, Stantec built a Synchro model of the corridor, which included the interchange with I-10.

TEAM MEMBERS INVOLVED: S. Mensah, J. Cains, J. Lefante
FROM VECTURA: L. Lambert (WHILE PREVIOUSLY EMPLOYED BY STANTEC)

Firm name	Stantec Consulting Services Inc.		Past Performance Evaluation Discipline(s)*	Traffic	
Project name	NEW ORLEANS US 90Z HOSPITALITY ZONE		Firm responsibility (prime or sub?)	Prime	
Project number	H.010695	Owner's name	LADOTD		
Project location	New Orleans, Louisiana		Owner's Project Manager	Lucy Kimbeng	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70804, 225-379-2516, lucy.kimbeng@la.gov				
Services commenced by this firm (mm/yy)	2012	Total consultant contract cost ($1,000's)		$54	
Services completed by this firm (mm/yy)		Cost of consultant services provided by this firm ($1,000's)		$3,000	



New Orleans is the place to be when it comes to colossal events these days. These special events along with the annual attractions bring epic economic boosts and showcase the city as a world-renown host. But, when the French Quarter and downtown population suddenly swells to a few hundred thousand people all trying to get in on the action, it's no "Big Easy" on the area's infrastructure. The City of New Orleans experiences significant recurring and special event congestion in the riverfront area near the port and convention center, commonly referred to as the Hospitality Zone. Several of the contributing factors to the congestion are: limited access to US 90 (Pontchartrain Expressway), outdated traffic control equipment, inefficient traffic patterns and a high percentage of non-commuter traffic. To address these issues, Stantec partnered with the New Orleans Regional Planning Commission and the Louisiana Department of Transportation to conduct a study that would review and analyze existing traffic patterns, and, using modeling, propose and evaluate several low cost solutions that would reduce congestion in the project area. The first step was to acquire existing turning movements or 24-hour traffic data. We also participated in stakeholder meetings to get a better understanding of the factors contributing to congestion as well as the needs of drivers. Stantec also analyzed the safety data along the US 90Z corridor, using spatial-temporal speed contours to identify any trends in the crash history. Once the existing conditions were identified, Stantec built an existing model to use as a base of comparison to identify the congestion points. Our team then developed alternatives to address the congestion and safety. All of the modeling work was cross-checked with an independent analysis with the McTrans Highway Capacity Software (HCS). The first recommendation was to reconfigure the of-ramp at Annunciation Street so that the signal located at the end of the ramp was removed. This improvement showed that the queues spilling back onto the mainline were eliminated. Our traffic engineering team also developed new timings and offsets for the Calliope Street corridor. Prior to this update, the traffic signals were operating at different cycle lengths and did not have progression. The most significant recommendation was to reconfigure the Claiborne Avenue on-ramp to provide a merge lane that met the minimum criteria set by AASHTO. This allowed DOTD to widen the mainline from two to three lanes. By doing this, several bottlenecks upstream of the Claiborne Avenue on-ramp were improved. Ramp meters were also recommended as a tool to help with congestion and safety.

TEAM MEMBERS INVOLVED: S. Mensah, J. Cains, J. Lefante, C. Hall, M. O'Rourke
FROM VECTURA: L. Lambert (WHILE PREVIOUSLY EMPLOYED BY STANTEC)

Firm name	Stantec Consulting Services Inc.		Past Performance Evaluation Discipline(s)*	Planning	
Project name	I-49 INNER-CITY CONNECTOR STAGE 0 & STAGE 1		Firm responsibility (prime or sub?)	Prime	
Project number	N/A	Owner's name	Northwest Louisiana Council of Governments		
Project location	Shreveport, Louisiana		Owner's Project Manager	Kent Rogers	
Owner's address, phone, email	401 Market Street, Suite 460, Shreveport, LA 71101, 318-841-5950, I-49-InnerCity@nlcog.org				
Services commenced by this firm (mm/yy)	2009	Total consultant contract cost ($1,000's)		$114.1	
Services completed by this firm (mm/yy)	2016	Cost of consultant services provided by this firm ($1,000's)		N/A	

Stantec is completing the final link of I-49, helping drivers cross the country faster and easier than ever. Stantec provided traffic and environmental services for the 3.5-mile route that will connect the existing I-49/I-20 interchange to the proposed I-49/I-220 interchange. During the Comprehensive Stage 0 and Environmental Study, we provided the traffic study and impacts analysis along with an implementation plan and strategy. Using the Regional Travel Demand Forecasting Model, we compared results of potential alternatives routes and determined which best met the overall purpose and need for the project from a regional perspective. We supplemented these macroscopic model analyses by developing VISSIM models which provided a closer demonstration of traffic flow adjacent to the potential routes. We utilized these tools in public meetings and other venues to provide a visual illustration of the alternatives under consideration. Our creation of these models will be key in distributing information to the public and getting their acceptance, which has been a critical piece of the project. The potential I-49 Inner-City Connector corridors run through a traditionally low-income neighborhood where residents did not support previous efforts to provide this link. With our assistance in the Stage 0 effort to minimize impacts and add value, public sentiment changed over the years. Stantec also provided input to concept development and evaluation, development of environmental investigations, and ultimately the context sensitive design elements for the Project. The project is currently in Stage 1 and Stantec is providing traffic services for the Interchange Justification Report (IJR) at the new I-49 / I-220 interchange and the Interchange Modification Report (IMR) at the existing I-49 / I-20 interchange. Traffic projections were developed for the existing year, implementation year and design year for the IJR and IMR. Over 16 interchanges were analyzed as part of the comprehensive IJR and IMR studies, which included mainline segments, weave segments, ramp junctions, and ramp terminals. Adjacent intersections along cross streets at the interchanges were analyzed as well. In total, over 5000 analysis points will be included in the IJR and IMR effort.

TEAM MEMBERS INVOLVED: J. Lefante, C. Hall

FROM VECTURA: L. Lambert (WHILE PREVIOUSLY EMPLOYED BY STANTEC)

Firm name	Stantec Consulting Services Inc.			Past Performance Evaluation Discipline(s)*	Planning, Roadway
Project name	LA 30: SOUTH BLVD TO W. CHIMES FEASIBILITY STUDY AND DESIGN			Firm responsibility (prime or sub?)	Prime
Project number	H.011098	Owner's name	Louisiana Department of Transportation		
Project location	Baton Rouge, LA			Owner's Project Manager	Brent Waguespack
Owner's address, phone, email	1201 Capital Access Road, Baton Rouge, LA 70802, 225-379-1524, brent.waguespack@la.gov				
Services commenced by this firm (mm/yy)	2016	Total consultant contract cost ($1,000's)			$800
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)			$12,525

LA 30, known in Baton Rouge as Nicholson Drive, is a commuter route that connects Louisiana State University (LSU) and downtown Baton Rouge. The corridor has long been neglected and is in desperate need of improvements to mobility, pavement condition, and overall safety. With a new surge of economic development, funds have become available to study and enhance the corridor. Additionally, the studied roadway segment between South Boulevard and West Chimes has been selected for the Road Transfer Program where DOTD will pay for the construction of corridor improvements to transfer ownership and maintenance duties to the City of Baton Rouge. Stantec performed safety and traffic analysis as part of a Feasibility Study of different corridor enhancements. Crash data from January 2012 through December 2014 was obtained and mapped out along the corridor. The number of crashes, types of crashes, severity of crashes, and crash rates were analyzed and compared to the statewide averages to identify overrepresented crashes or locations with abnormal crashes. The safety analysis included mining historical data for past performance and using predictive tools based on HSM to determine the expected performance for existing and proposed roadway configurations. Data from the safety analysis was utilized to determine where and what type of improvements could be implemented to enhance safety within the corridor. This information was used to develop a proposed configuration of the corridor. The proposed conditions that include the relocation of 2 traffic signals, access management to restrict median openings, and continuous sidewalks along the corridor are predicted to yield about 30% fewer crashes in the design year of 2038 versus the existing conditions. Stantec's roadway and traffic engineers are now at the 95% Preliminary stage of developing roadway and traffic signal plans to implement the capacity and safety improvements recommended in the Feasibility Study. The plan set currently consists of typical sections, plan and profile sheets, drainage details, pavement markings, signs, sequence of construction, traffic signal plans, and bridge plans. The plans are to be completed this year with construction expected to begin in 2023.

TEAM MEMBERS INVOLVED: M. Bruce, S. Mensah, J. Cains, J. Lefante, M. O'Rourke

Firm name	Stantec Consulting Services Inc.		Past Performance Evaluation Discipline(s)*		Planning/Roadway
Project name	I-210/COVE LANE: AMERISTAR CASINO STAGE 0		Firm responsibility (prime or sub?)		Prime
Project number	H.010151	Owner's name	Louisiana Department of Transportation and Development		
Project location	Lake Charles, Louisiana		Owner's Project Manager	Timothy Nickel	
Owner's address, phone, email	1201 Capital Access Road, Baton Rouge, LA 70802, 225-935-0101, timothy.nickel@la.gov				
Services commenced by this firm (mm/yy)	2011	Total consultant contract cost ($1,000's)			$26.1
Services completed by this firm (mm/yy)	2013	Cost of consultant services provided by this firm ($1,000's)			

To handle the traffic demands of the fastest growing area of Lake Charles, Louisiana – the vicinity of Cove Lane and I-210 – Stantec worked with a private developer and the DOTD to design a new full interchange for a new casino development. We completed a safety analysis, as well as a Traffic Access and Impact Study which determined access requirements, roadway geometry and laneage for all roadways – both public and private. We obtained concurrence and approval from DOTD for traffic impacts from the development and required mitigation on the public roadways. Other agencies that required transportation approval or review included: FHWA, IMCAL, Port of Lake Charles, City of Lake Charles, and Calcasieu Parish. Deliverables included a final report meeting all DOTD 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. We also developed a conceptual roadway network exhibit to be used for legal purposes and preliminary architectural layout. We obtained current aerial photography and labeled existing features which were verified in the field as well as existing property maps, existing highway plans, and other available existing data. We refined the proposed access layout determined in the Conceptual Roadway Network and determined critical geometric and other controlling items associated with the roadways. We also developed preliminary cost estimates. Stantec led meetings with the all agencies involved and with any other appropriate local, parish, port, state and federal agencies to coordinate planned agency improvements and potential improvements for the project. After we received final approval of the study from the DOTD and other stakeholders, our team provided plan development services. The interchange improvements are currently under construction and the Stantec team is performing construction support services as well.

TEAM MEMBERS INVOLVED: S. Mensah, J. Cains, J. Lefante
FROM VECTURA: L. Lambert (WHILE PREVIOUSLY EMPLOYED BY STANTEC)

Firm name	Stantec Consulting Services Inc.		Past Performance Evaluation Discipline(s)*	Roadway	
Project name	LOCAL ROAD SAFETY PROGRAM, CITY OF KENNER		Firm responsibility (prime or sub?)		
Project number		Owner's name	City of Kenner		
Project location	Kenner, Louisiana		Owner's Project Manager	Jose Gonzales	
Owner's address, phone, email	1610 Rev. Richard Wilson Drive, Kenner, LA 70062, 504-468-7515, jgonzales@kenner.la.us				
Services commenced by this firm (mm/yy)	2011	Total consultant contract cost ($1,000's)			
Services completed by this firm (mm/yy)	2012	Cost of consultant services provided by this firm ($1,000's)		$19.2	

The City of Kenner received a Local Road Safety Grant from DOTD's Local Technical Assistance Program (LTAP) to improve 23 intersections in Kenner that have safety concerns. Stantec was selected to produce plans identifying striping and signing improvements for these intersections. The intersections to be improved are divided into 10 non-railroad related intersections and 13 intersections near the railroad. The grant will be used to purchase materials for the non-railroad intersections that will be installed by the City's maintenance forces. The railroad intersections will be let as a project by DOTD using LTAP funds. The scope of the engineering work included recommendations and plans for the installation of new traffic control regulatory signage or replacement of existing regulatory signage, inclusive of advance warning signage, flashing warning devices and pavement markings. The construction plans were half-size and letter-sized sets laid out on aerial photography. The design is in accordance with the AASHTO design guide, MUTCD and DOTD's standard specifications, policies and procedures.

TEAM MEMBERS INVOLVED: C. Hall
FROM VECTURA: L. Lambert (WHILE PREVIOUSLY EMPLOYED BY STANTEC)

Firm name	Stantec Consulting Services Inc.		Past Performance Evaluation Discipline(s)*		Roadway, Bridge, Traffic
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)			$1,582.8
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)			$825.5

Safety is a top concern for the traffic entering and leaving the Port of Lake Charles. The City, LADOTD, and the Port are relying on Stantec to help complete this project, desired for several decades, that involves building a bridge over Contraband Bayou to connect southwestern Lake Charles with downtown and the Port. Having completed the Stage 0 and Stage 1 efforts, Stantec is now leading Stage 3 design services. Our Stage 0 and Stage 1 tasks involved planning and studying how to extend Nelson Road north over Contraband Bayou and connecting it with Sallier Street. We developed several alternatives to resolve the safety issues with trucks negotiating the bridge to enter the Port, mitigating the safety impacts of having a railroad at the bottom of a long, steep profile grade. Our preferred alternative incorporates a sweeping curve from Nelson Rd. directly into Sallier St., providing seamless access to points east including the downtown Lake Charles area, and a roadway spur providing convenient access to and from Nelson Road to the Port of Lake Charles City Docks facilities. Our team also took the opportunity to further enhance vehicular and railroad safety by relocating the railroad and eliminating the conflict between the proposed road and the existing railroad location. We swapped its footprint with Sallier Street, reducing a significant number of at-grade rail crossings along the new rail alignment. For the Stage 1 effort, we also secured a Finding of No Significant Impacts, a Nationwide Permit No. 14, and jurisdictional determination for wetlands investigations, public involvement, a noise study, a Phase I Environmental Site Assessments and other NEPA considerations, traffic studies, cost estimates, and a line and grade study. We worked closely with DOTD, City of Lake Charles, Port of Lake Charles, and other local leaders to determine the ultimate roadway cross section and relocate the railroad. Stantec is also providing Stage 3 design services for the preliminary and final design phase of the project. This included a fixed-high level bridge with 56-foot vertical clearance along with connecting roadways at-grade. The bridge typical section will include four travel lanes with shoulders separated by a center median barrier and a separated shared use path both on structure and at-grade. The project includes bridge mounted navigation lighting for the channel.

TEAM MEMBERS INVOLVED: M. Bruce, S. Wallace, G. Heitman, J. Cains, J. Lefante, M. O'Rourke, S. Mensah, S. Hoffeld, M. Neumann

Firm name	Stantec Consulting Services Inc.		Past Performance Evaluation Discipline(s)*	Roadway, Traffic	
Project name	Roundabouts, Traffic Engineering for Roadway Projects Retainer		Firm responsibility (prime or sub?)	Prime	
Project number	H. 010560	Owner's name	Louisiana Department of Transportation and Development		
Project location	Multiple Locations, LA		Owner's Project Manager	Joshua Harrouch	
Owner's address, phone, email	1201 Capital Access Road, Baton Rouge, LA 70802 | 225- 379-1477 | joshua.harrouch@la.gov				
Services commenced by this firm (mm/yy)	01/14	Total consultant contract cost ($1,000's)	$1,052		
Services completed by this firm (mm/yy)	10/16	Cost of consultant services provided by this firm ($1,000's)	$1,052		

As part of our Retainer Contract for Traffic Engineering for Roadway Projects, Stantec was selected to provide design for the roundabout projects listed below. These projects will increase traffic and pedestrian safety while calming traffic.

LA 86 & LA 320: Roundabout, New Iberia, LA
Stantec provided design for a single-lane roundabout to replace the existing 4-way stop-controlled intersection. Construction was phased to avoid road closures. Due to the popularity of roundabouts in the district, New Iberia decided on this solution to address queue issues occurring at this intersection.

LA 75: Roundabouts, Iberville Parish, LA
Stantec provided design for two single-lane roundabouts on LA 75 to replace the existing intersections of LA 75 and Enterprise Boulevard and LA 75 and Walmart Drive. Both intersections called for the construction of a four leg, single-lane roundabout. The roundabouts were designed to be expandable to two-lane configurations should additional capacity be needed in the future.

US 11 at Cleo Road Intersection Improvements, St. Tammany Parish, LA
Stantec provided design for a single-lane roundabout at the intersection of US 11 and Cleo Road. This roundabout intersection was provided as part of a commitment for a new development in the area.

US 79 Bypass at LA 9 Roundabout, Claiborne Parish, LA
Stantec provided design to replace the existing signalized intersection with a single-lane roundabout. The intent of this intersection improvement is to address safety and congestion issues at this existing intersection.

TEAM MEMBERS INVOLVED: **J. Cains, M. O'Rourke**

Firm name	Vectura Consulting Services, LLC		Past Performance Evaluation Discipline(s)*	TM	
Project name	Roundabout: US 171 at Boone St.		Firm responsibility (prime or sub?)	sub	
Project number	H.011909.5-4	Owner's name	DOTD		
Project location	Vernon Parish, LA		Owner's Project Manager	Josh Harrouch	
Owner's address, phone, email	PO Box 94245 Baton Rouge, LA 70804-9245, (225) 242-4640, Joshua.Harrouch@LA.GOV				
Services commenced by this firm (mm/yy)	11/20	Total consultant contract cost ($1,000's)	unknown		
Services completed by this firm (mm/yy)	12/21	Cost of consultant services provided by this firm ($1,000's)	59.045		

Vectura **designed temporary traffic signal plans** as part of the sequence of construction plan for a roundabout construction at the intersection of US 171 at Boone Street in Leesville, LA. The purpose of the project was to replace the existing signalized intersection with a multilane roundabout at Boone Street.

Temporary Traffic Signal Design

Vectura performed following design tasks to develop temporary traffic signal plans:

- Detailed study of sequence of construction plans to determine the optimal traffic signal operation and required traffic signal equipment for each sequence of construction phase,
- Reviewed potential access issues for all the impacted driveways / streets along the project area for each sequence of construction phase,
- Developed multiple **traffic signal timing plans** by time of day for each sequence of construction phase to maintain progression along main corridor,
- Developed temporary signal plans including pole and span wire layout, signs, striping, power source, signal timings by time of day, vehicle detection, signal head placement, wiring diagram, pole height calculations, clearance calculations, quantities, construction cost estimate, and
- Coordinated with DOTD Traffic Section and District Traffic Engineer.

Quality Control Review

Vectura provided Quality Control review of signing and striping plans at 30% and 60% plan sets to ensure the roundabouts conformed to the Pavement Markings Details Sheet PM-09 and the Manual on Uniform Traffic Control Devices (MUTCD) details on roundabouts.

Personnel Utilized on this project: Brin Ferlito, Prasanth Malisetty, Reece Rodrigue, Laurence Lambert, Kristen Farrington and Bridget Robicheaux (100% performed in Louisiana)

Firm name	Vectura Consulting Services, LLC		Past Performance Evaluation Discipline(s)*	TM	
Project name	Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership		Firm responsibility (prime or sub?)	sub	
Project number	H.004791	Owner's name	DOTD		
Project location	Vernon Parish, LA		Owner's Project Manager	Nickolas Olivier	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1133, Nicholas.olivier@la.gov				
Services commenced by this firm (mm/yy)	04/19	Total consultant contract cost ($1,000's)	unknown		
Services completed by this firm (mm/yy)	03/21	Cost of consultant services provided by this firm ($1,000's)	229.796		

Vectura is subconsultant to provide the traffic engineering services for the Belle Chasse Bridge & Tunnel Replacement Project for improvements along LA 23. This is the first Public Private Partnership (PPP) awarded by DOTD. Vectura is responsible for the following tasks:

- Preliminary and final traffic studies
    - Forecast volumes were based on expected growth consistent with local zoning and planning efforts as well as the Regional Planning Commission travel demand model
- **Temporary and final traffic signal plans**
- Assist the Prime with Traffic Management Plan (TMP)
- Response to request for information (RFI's)
- As-built plans for the traffic signals.

Personnel Utilized on this project: Brin Ferlito, Laurence Lambert, Prasanth Malisetty, Reece Rodrigue, and Bridget Robicheaux (100% performed in Louisiana)

Firm name	Vectura Consulting Services, LLC		Past Performance Evaluation Discipline(s)*	TM	
Project name	US 61 (Airline Hwy) @ Germany Rd. Traffic Signal Design		Firm responsibility (prime or sub?)	sub	
Project number	MA-18-05	Owner's name	DOTD		
Project location	Ascension Parish, LA		Owner's Project Manager	Andre Fillastre	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225-242-4646, andre.fillastre@la.gov				
Services commenced by this firm (mm/yy)	01/17	Total consultant contract cost ($1,000's)	unknown		
Services completed by this firm (mm/yy)	07/17	Cost of consultant services provided by this firm ($1,000's)	$32.9		

Vectura provided a traffic signal study and design plans on US 61 (Airline Highway) at Germany Road as part of the Move Ascension program. The study and design conformed to all DOTD procedures and policies.

Task 1 Data Collection - This task conformed to the DOTD Traffic Engineering analysis process & report and will include the following elements:

- Collected seven-day, 24-hour 15-minute interval approach count with classification for each approach at the intersection of US 61 at Germany Road
- Collected turning movement vehicle and pedestrian counts (TMC) AM & PM at the three intersections:
- Performed peak hour observation, queue lengths / demand volumes, delay and operations for AM / PM Peaks
- Collected radar speed study (100 vehicles or 2 hours) (NB and SB US 61)

Task 2 Traffic Study - This task conformed to the DOTD EDSM_VI_3_1_6 Traffic Signals Section 5 and included the following elements:

- Developed 2018 and 2033 traffic volumes for AM and PM peak hours for the three intersections
- Performed Highway Capacity Manual (HCM) for three intersections
- Perform **Safety Analyses and 3-year crash history** for the intersection of US 61 (Airline Hwy.) at Germany Rd.
- Prepare a signed and sealed traffic study report summarizing the findings of the analysis.

Task 3 Traffic Signal Design - This task conformed to the DOTD Traffic Signal Inventory (TSI) Version 3.2 dated 2.15.18 and will include the following elements:

- Collected existing TSIs for US 61 (Airline Hwy.) at Germany Rd. / Duplessis Rd. and nearby coordinated intersections.
- Collected proposed geometric improvement plans including existing survey (CAD files) from by Evans-Graves
- Developed preliminary traffic signal design plans for the intersection of US 61 (Airline Hwy.) at Germany Rd.
- Developed preliminary quantities and estimate of probable construction cost
- Plan in Hand Field Visit
- Develop final plans including **signal timing**

Personnel Utilized on this project: Brin Ferlito, Bridget Robicheaux and Laurence Lambert (100% performed in Louisiana)

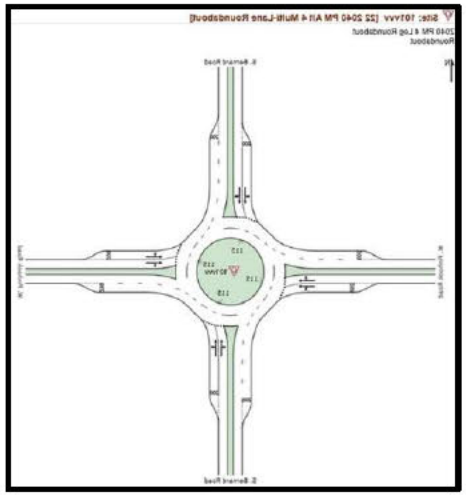
Firm name	Vectura Consulting Services, LLC		Past Performance Evaluation Discipline(s)*	Traffic	
Project name	Stage 0 Roundabout Feasibility Studies in the Lafayette Area		Firm responsibility (prime or sub?)	sub	
Project number	H.004490	Owner's name	Acadiana Planning Commission		
Project location	Lafayette, LA		Owner's Project Manager	Chris Cole	
Owner's address, phone, email	101 Jefferson Street, Lafayette, LA 70501, (337) 806-9363, ccole@planacadiana.org				
Services commenced by this firm	05/16	Total consultant contract cost ($1,000's)		~$200	
Services completed by this firm	09/17	Cost of consultant services provided by this firm ($1,000's)		$80	

Vectura provided Stage 0 feasibility studies for roundabouts at 10 intersections in the Lafayette area. The scope was developed based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual (TEM) Section 20.2.

Task 1 Data Collection

Vectura collected the following traffic data for 10 intersections:

- Seven-day (mainlines) and Two-day (side streets) 24-hour tube counts w/ classification
- Turning movement counts for morning and evening peak periods
- Radar speed studies



Task 2 Traffic Study

This task included a roundabout study as defined in EDSM VI.1.1.5, VI.1.1.1 and DOTD TEM Section 20.2. This task included the following elements:

- Developed growth rate methodology and AM and PM peak traffic volumes for Implementation Year and Design Year
- Performed **traffic signal warrants analyses**
- Developed Sidra analyses for unsignalized, signalized and roundabout alternatives for implementation and design year
- **Developed three-year crash analyses**
- Developed draft traffic study report

Task 3 Project Management

This task included a kick-off meeting by conference call as well as two progress conference calls as needed.

Task 4 Final Traffic Study and Deliverables

Comments from the draft Traffic Study were addressed in this task. Two copies of the final traffic study and electronic files were submitted.

Personnel Utilized on this project: Brin Ferlito, Laurence Lambert, and Bridget Robicheaux (100% performed in Louisiana)

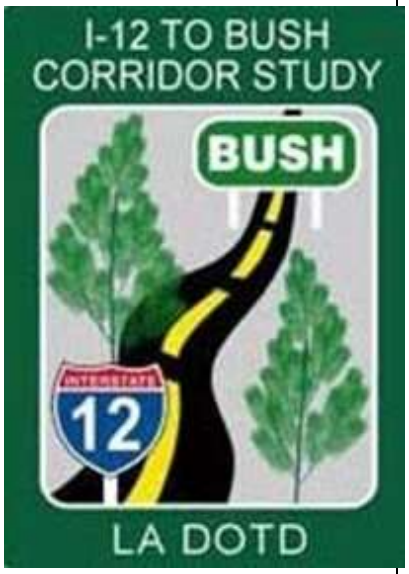
Firm name	Vectura Consulting Services, LLC			Past Performance Evaluation Discipline(s)*	Traffic
Project name	I-12 To Bush - LA 3241 (I-12 – LA 36) Corridor Study			Firm responsibility (prime or sub?)	sub
Project number	H.004957.5	Owner's name	LA DOTD		
Project location	Lacombe, LA		Owner's Project Manager	Jeff Burst	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1356, jeffrey.burst@la.gov				
Services commenced by this firm	09/16	Total consultant contract cost ($1,000's)		$1,895	
Services completed by this firm	05/17	Cost of consultant services provided by this firm ($1,000's)		$84	

As part of the DOTD TIMED program, Vectura prepared a formal traffic study for the new alignment of LA 3241. The traffic study examined concepts that improved the safety and efficiency of the roadway consistent with the latest DOTD policies related to access management and complete streets. The study included analyses for intersection and corridor improvements such as median openings, spacing of openings, signalized, unsignalized and roundabout intersections.

Task 1 Data Collection

Vectura collected the following traffic data for 10 intersections:

- Seven-day (mainlines) and two-day (side streets) 24-hour tube counts with vehicle classification
- Turning movement counts for morning and evening peak periods
- 15-minute driveway counts
- **Traffic signal warrants**, radar speed studies and sight distance evaluation
- Developed growth rate methodology and AM and PM peak forecast traffic volumes using TransCAD data



Task 2 Traffic Study

This task included a roundabout study as defined in EDSM VI.1.1.5, VI.1.1.1 and DOTD Traffic Engineering Manual Section 20.2. This task included the following elements:

- Performed Vistro and Sidra analyses for existing conditions
- Performed Vistro and Sidra analyses for implementation and design years
- Intersection alternatives included restricted median openings, signalized and unsignalized intersections, median U-turns at existing signal locations, restricted crossing U-turn (RCUT) intersections, and roundabouts
- Developed Vissim model of the preferred corridor layout
- Developed draft traffic study report

Task 3 Safety Analyses

- Developed **three-year crash analyses** report as per DOTD standards

Personnel Utilized on this project: Brin Ferlito and Laurence Lambert (100% performed in Louisiana)

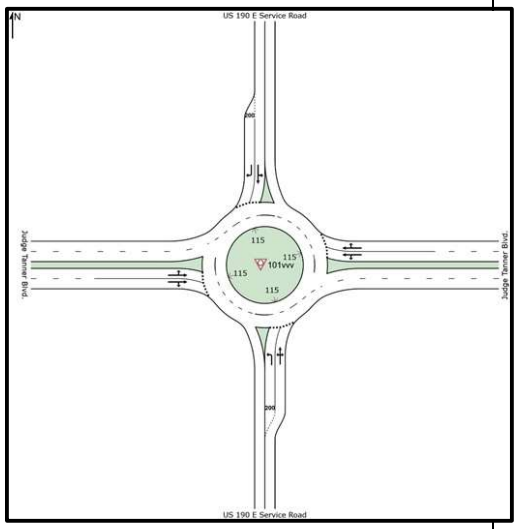
Firm name	Vectura Consulting Services, LLC			Past Performance Evaluation Discipline(s)*	Traffic
Project name	Stage 0 Judge Tanner Boulevard at N. Causeway Study			Firm responsibility (prime or sub?)	sub
Project number	PO # S120890	Owner's name	St. Tammany Parish Government		
Project location	St. Tammany Parish, LA		Owner's Project Manager	Laura Gatlin	
Owner's address, phone, email	620 N Tyler Street, Covington, LA 70434, (985) 898-2552, lcbeach@stpgov.org				
Services commenced by this firm		02/17	Total consultant contract cost ($1,000's)		$50
Services completed by this firm		06/17	Cost of consultant services provided by this firm ($1,000's)		$31

This project called for a Roundabout Study for improvements to the intersection of Judge Tanner Blvd. and N. Causeway Blvd. The scope was developed based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual (TEM) Section 20.2.

Task 1 Data Collection

Vectura collected the following traffic data for 4 intersections:

- Seven-day (mainlines) and two-day (side streets) 24-hour tube counts with classification
- Turning movement counts for morning and evening peak periods for four intersections
- Traffic signal warrants, radar speed studies and sight distance evaluation
- Developed growth rate methodology and AM and PM peak traffic volumes for forecast traffic volumes using TransCAD data



Task 2 Traffic Study

This task included a roundabout study as defined in EDSM VI.1.1.5, VI.1.1.1 and DOTD TEM Section 20.2.
This task included the following elements:

- Developed three-year crash analyses
- Performed Vistro and Sidra analyses for existing conditions
- Performed Vistro and Sidra analyses for implementation year and design year
  Intersection alternatives included signalized and unsignalized intersections and roundabouts
- Developed draft traffic study report

Tasks 3 and 4 Project Management and Final Feasibility Study and Deliverables

These tasks included project coordination and the submittal of the final traffic study and electronic files.

Personnel Utilized on this project: Brin Ferlito, Laurence Lambert, and Bridget Robicheaux (100% performed in Louisiana)

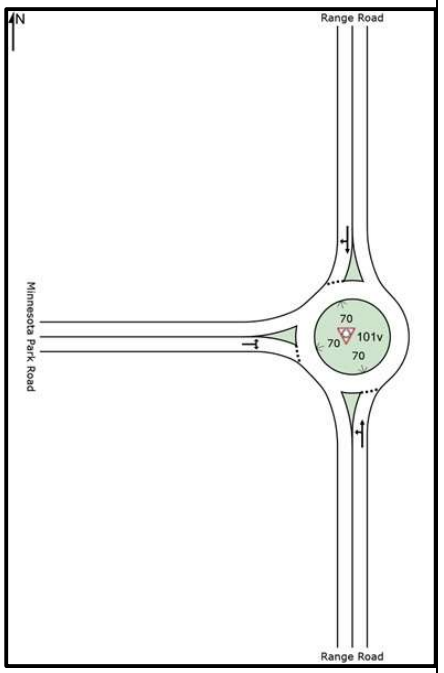
Firm name	Vectura Consulting Services, LLC			Past Performance Evaluation Category(ies)*	Traffic
Project name	Minnesota Park Road Improvements Stage 0			Firm responsibility (prime or sub?)	sub
Project number	H.972216.1	Owner's name	Regional Planning Commission		
Project location	Tangipahoa Parish, LA		Owner's Project Manager	Nikolaus Richard	
Owner's address, phone, email	10 Veterans Blvd, New Orleans, LA 70124 504-483-8500 nrichard@norpc.org				
Services commenced by this firm		01/17	Total consultant contract cost ($1,000's)		$35
Services completed by this firm		07/17	Cost of consultant services provided by this firm ($1,000's)		$5.2

Vectura provided a traffic study for a **Stage 0** Feasibility Study for the intersection of Minnesota Park Road at Range Road in the Hammond area. The scope was developed based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual Section 20.2.

Task 1 Data Collection

Vectura collected the following traffic data for two intersections:

- 7-day, 24-hour tube counts with classification
- Turning movement counts for morning and evening peak periods for two intersections
- Radar speed studies
- Developed growth rate methodology and AM / PM peak forecast traffic volumes



Task 2 Traffic Study

This task included a roundabout study as defined in EDSM VI.1.1.5, VI.1.1.1 and DOTD Traffic Engineering Manual Section 20.2. This task included the following elements:

- Developed Implementation Year 2019 and Design Year 2039 AM / PM peak traffic volumes
- **Traffic Signal Warrants** analyses for Year 2019
- Developed traffic signal timing for Years 2019 and 2039, AM & PM peak hours
- Developed Sidra unsignalized analyses for years 2016, 2019 and 2039, AM / PM peak hours
- Developed Sidra signalized analyses for years 2019 and 2039, AM / PM peak hours
- Developed Sidra roundabout analyses for years 2019 and 2039, AM / PM peak hours
- Developed **safety analyses** using 3-year crash data from Crash1 as per DOTD standards
- Developed Traffic Study Report and electronic files for submittal

Personnel Utilized on this project: Brin Ferlito and Laurence Lambert (100% performed in Louisiana)

Firm name	Vectura Consulting Services, LLC			Past Performance Evaluation Discipline(s)*	Traffic
Project name	LA 67 (Plank Rd) Corridor Enhancement – Dawson Street to Harding Blvd			Firm responsibility (prime or sub?)	sub
Project number	N/A	Owner's name	City-Parish of East Baton Rouge		
Project location	Baton Rouge, LA		Owner's Project Manager	Ingolf Partenheimer	
Owner's address, phone, email	3773 Harding Blvd, Baton Rouge, LA 70807; (225) 389-3246; ipartenheimer@brla.gov				
Services commenced by this firm		02/21	Total consultant contract cost ($1,000's)		unknown
Services completed by this firm			Cost of consultant services provided by this firm ($1,000's)		$56.350

Vectura was hired to perform a traffic study for MOVEBR Transportation and Infrastructure Improvements Plan in East Baton Rouge Parish for LA 67 (Plank Road) to improve access for pedestrians and cyclists through intersection and signal improvements, sidewalk connections, transit stop improvements and / or other relevant methods. The project is on a state route and will be reviewed and approved by DOTD.

Task 1.0 - Data Collection - Observations were completed by Vectura to note bus stop locations and transit activities along the corridor. Vectura noted any pedestrian / bicycle usage, such as dirt paths, pedestrian traffic generators, etc.

Task 2.0 - Existing Safety Analysis

1. Due to similar trends in crash locations, Vectura read and analyzed the 2016-2018 156 crash reports.
2. Five years of pedestrian and bicycle crashes were read for the years of 2014-2018
3. Developed **crash diagrams** to show crash types and location

Task 3.0 – Chapter 1 - Identified the issues for pedestrians, bicyclist and transit riders from Task 1 and Task 2.

Task 4.0 – Chapter 2 / Appendix C Alternatives

1. Chapter 2: Summarized alternatives for bike, transit, and pedestrian accommodations.
2. Appendix C: Alternative Drawings and Signal timings for Pedestrian Crossing
    a. Vectura utilized existing timings in the signal controllers for Dawson Road, Sumrall Drive, and 72nd / Monarch intersections to ensure pedestrians can cross the roadway using a pushbutton, with and without a median refuge.

Personnel Utilized on this project: Laurence Lambert, Prasanth Malisetty, Reece Rodrigue and Kristen Farrington (100% performed in Louisiana)

Firm name	Vectura Consulting Services, LLC		Past Performance Evaluation Discipline(s)*		Traffic
Project name	US 11 (Front St.) at US 190 Bus. (Fremaux Ave.) Traffic Study		Firm responsibility (prime or sub?)		sub
Project number	N/A	Owner's name	City of Slidell		
Project location	Slidell, LA		Owner's Project Manager	Eric Lundin	
Owner's address, phone, email	250 Bouscaren St. Slidell, LA 70458, 985-646-4320, elundin@cityofslidell.org				
Services commenced by this firm		9/17	Total consultant contract cost ($1,000's)		unknown
Services completed by this firm		11/17	Cost of consultant services provided by this firm ($1,000's)		$38.8

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

Data Collection

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

Draft Traffic Study

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

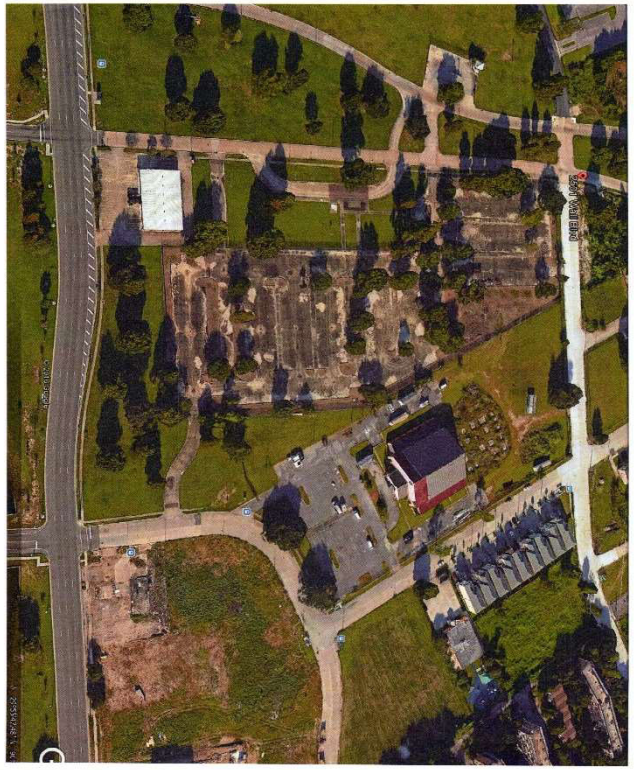
- Developed three-year **crash analyses**
- Performed pedestrian crosswalk warrants as per TEM Section 3B.2.9
- Performed Vistro and HCS analyses for AM and PM Peak existing conditions, implementation, and design year conditions. The analyses included intersection and segment levels of service as well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

Personnel Utilized on this project: Brin Ferlito, Laurence Lambert, Prasanth Malisetty, Reece Rodrigue and Bridget Robicheaux (100% performed in

Firm name	GOTECH, Inc.			Past Performance Evaluation Discipline(s)*	Road
Project name	Algiers Park and Ride Facility Study and Assessment for the New Orleans Regional Transit Authority			Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Regional Transit Authority of New Orleans		
Project location	Orleans Parish, LA	Owner's Project Manager	Martin Pospisil, Transdev for RTA Infrastructure Director		
Owner's address, phone, email	2817 Canal Street, New Orleans, LA 70119, martin.pospisil@transdev.com				
Services commenced by this firm (mm/yy)	06/17	Total consultant contract cost ($1,000's)	$25,000		
Services completed by this firm (mm/yy)	01/18	Cost of consultant services provided by this firm ($1,000's)	$23,515		

In 2017, the New Orleans RTA tasked GOTECH, Inc. to provide a Study and Assessment for the Park and Ride site located on Wall Boulevard in Algiers. This task came in response to catastrophic wind damage caused by Hurricane Katrina in August of 2005, which caused damage to light poles, fencing, bus shelters, signage and the guard house. Because of this significant damage, a FEMA project worksheet was developed to provide funding for the necessary repairs at the facility. The GOTECH team worked within FEMA's regulations to identify and scope the necessary required repairs. After completing this task in January of 2018, RTA selected GOTECH to design the repairs to the facility in two (2) phases. The design of Phase I was completed in May of 2018 with construction completed in March of 2018. This phase includes new bus shelters, sidewalk repairs, ADA compliant handicap ramps, full coverage lighting, and traffic control signage to provide a transfer station at the Park and Ride Facility. Phase II will include construction of a new guard shack, along with lighting and fencing repairs to provide operation of a segment of the Park and Ride Facility.

Project staff includes: Rhaoul Guillaume, Sr., P.E., F.ASCE, Chris Merkl, John "Sparky" Hoffman, P.E.
CADD Department: Diane Henderson, Sean McKissom



Firm name	GOTECH, Inc.			Past Performance Evaluation Discipline(s)*	Road
Project name	LA DOTD Retainer Contract for Safety Studies			Firm responsibility (prime or sub?)	Sub
Project number	H.0011489.5	Owner's name	LA DOTD		
Project location	Statewide, LA	Owner's Project Manager	Mark Chenevert		
Owner's address, phone, email	1201 Capitol Access Road, Room 405-E, Baton Rouge, LA 70802-4438, 225-379-1591, mark.chenevert@la.gov				
Services commenced by this firm (mm/yy)	03/15	Total consultant contract cost ($1,000's)	$22,950		
Services completed by this firm (mm/yy)	12/16	Cost of consultant services provided by this firm ($1,000's)	$22,941		

GOTECH was a subconsultant to AECOM on State Project Number H.0011489.5 – Low Cost Safety Improvements Statewide. This project included identifying effective roadway departure countermeasures, selecting appropriate countermeasures for highway curves, and preparing plans/cost estimates. There was a total of 282 curves included in this project located throughout the state. GOTECH's main role was plan preparation for the identified safety improvements at each curve location and preparing cost estimates.

Project staff includes: Rhaoul Guillaume, Sr., P.E., F.ASCE & John Schexnayder, P.E., CFM, CSM
CADD Department: Erica Estopinal

Firm name	GOTECH, Inc.		Past Performance Evaluation Discipline(s)*	Survey	
Project name	West Bank Mississippi River Trail Stage 0 Feasibility Study		Firm responsibility (prime or sub?)	Sub	
Project number	20-1704	Owner's name	Regional Planning Commission		
Project location	St. John Parish, LA		Owner's Project Manager	Maggie Woodruff	
Owner's address, phone, email	10 Veterans Memorial Boulevard, New Orleans, LA 70124, mwoodruff@norpc.org				
Services commenced by this firm (mm/yy)	01/17	Total consultant contract cost ($1,000's)		$19,600	
Services completed by this firm (mm/yy)	03/17	Cost of consultant services provided by this firm ($1,000's)		$19,600	

For the Regional Planning Commission, GOTECH supplied survey and mapping services on the Mississippi River levee near Edgard, Louisiana. On the right descending bank, full cross sections were taken across the levee, down to the River Road pavement at 300-foot spacings. The cross sections and topographic data were tied to the U.S. Army Corps of Engineers baseline. The project was approximately four miles long and included the survey of ramp and utility data on the protected side of the levee. GOTECH was a Subconsultant to Meyer Engineers, LTD.

Project staff includes: Rhaoul Guillaume, Sr., P.E., F.ASCE, Bruce Dyson, P.E., PLS
Survey Crew: Raymond Belmer, Jacob Belmer, John Biggs

18. **Approach and Methodology:**

Provide a description of how the work will be performed and provide the proposed project schedule. Include any additional information or description of unique resources that are planned to be used to produce the deliverables. Include any proprietary technologies, methods or approaches that will be used on this project to improve quality or efficiency. If the proposal is for an IDIQ contract, the consultant should review the scope of services in Attachment A to the advertisement to obtain a general understanding of what a typical task order would entail. Based upon that understanding, the consultant should provide a sample schedule that identifies the major milestones, deliverables, tasks, etc., to demonstrate sufficient understanding of a typical task order. The duration of the task order is not required. This section shall be limited to four pages. If more than four pages are included, all pages after the fourth page will not be evaluated. If the consultant has information it believes is proprietary, label it accordingly.

Our approach to any task orders will begin with understanding the issues giving rise to the project, the goals and objectives from DOTD's and other stakeholders' perspectives, and any constraints that are imposed on the project. We will consult and use requirements stipulated in DOTD and FHWA guidance. This will help establish the framework to determine the success of the project. For our team, this information will guide subsequent decisions we make such as scoping, selecting personnel with requisite expertise and experience, developing, and executing a project plan to ensure success.

Task 1.0 Stage 0 Feasibility Study

The Stage 0 Feasibility Study is a critical step because it is used to conduct a baseline analysis to determine if a project is initiated or deferred. Our analysis will include technical, financial and environmental aspects of the project that provide the information DOTD needs to make a go or no-go decision. The outcomes will also enable DOTD to share with stakeholders whether a project will be advanced to subsequent phases or not. We therefore recognize the importance of Stage 0 Feasibility Study and its potential to deny benefits to the public if assessments are flawed and erroneous conclusions are made. We will assist DOTD to establish the purpose and need, identify project alternatives, review environmental impacts, scope and cost estimates and funding sources. We will use the latest version of the Stage 0 Preliminary Scope and Budget Checklist developed by DOTD and engage all stakeholders in the process.

Task 2.0 Road Safety Assessments

Road Safety Assessments (RSAs) use independent team of stakeholders to formally examine the safety performance of an existing or proposed roadway to enhance safety performance. RSAs can be performed at any stage of the project from planning to operations, and for projects of different magnitudes. A pre-construction RSA is intended to examine the roadway before it is built and is conducted during the planning and design stages. This stage of the RSA is crucial because many potential safety issues can be corrected at minimal cost. Construction RSAs focus on work zones and construction to evaluate traffic management plans. ***We will use a structured process to perform RSAs and the extent of the resources allocated to each step will be determined by factors such as the scope, complexity, magnitude of the safety problem, and the context of the project.*** Our team has expertise in all facets of roadway planning, design and

operations and qualified to perform these assessments, analyze and determine causal factors, evaluate potential countermeasures, and provide recommendations for safety improvements at each stage of the process. ***Any recommendations made will be context sensitive balancing driver, roadway and vehicle factors.*** We will use existing DOTD and Federal Highway Administration (FHWA) guidelines for conducting RSAs. ***We intend to use these steps as needed to performs RSA: identify project or existing road for assessment; select the assessment team; conduct pre-assessment meeting; perform field assessments; perform analysis; report findings; prepare formal response.*** The criteria for the selection of the roadways for assessments may include analysis of crashes to identify high potential for safety improvement. An important requirement for the success of RSAs is selecting a multidisciplinary audit team. We will draw this team from independent stakeholders qualified with skills such as traffic operations, highway design, law enforcement, human factors, maintenance and operations, intelligent transportation systems and where necessary representatives from user groups such as motorists, transit, pedestrians and bicyclists. The diversity of the group working together at the same time allows safety to be evaluated from different perspectives to understand causal factors and identify any emerging challenges. Before this multidisciplinary group visits each site for assessments, a pre-audit meeting will be held with infrastructure owners or operators, design team, safety managers, etc. who can share project drawings and related safety information. The pre-audit meeting will help to refine the scope, schedule and the context of the RSA. Our next step will be to perform a field assessment of the corridor for mobility and safety and note any observations that impact safety. Field assessments may include nighttime observations where necessary. We will then perform an audit analysis and develop potential mitigation strategies. ***We will vet potential recommendations through a two-step process that we believe will lead to the best outcomes for substantive safety performance: first eliminate the hazard where possible; and second if hazard cannot be eliminated, mitigate the consequences of a crash.*** Our team will develop a presentation that documents our activities and findings to date and convene a workshop where we will share this information with stakeholders. This step will help the stakeholders better understand the RSA findings and discuss selected countermeasures that can be implemented. We expect this workshop to lead to more refined and context sensitive solutions or solutions preferred by the client. Any other concerns or gaps discovered at this time can be addressed. We develop a final report that documents all activities undertaken for the RSA including final recommendations to address safety.

Task 3 Development of Plans Specifications and Engineers Estimate for Low-Cost Safety Improvement

For Project Delivery, we will follow the policies and procedures outlined in the LADOTD Road Design Procedures and Details Manual Chapter 2. Our design will be guided by references and supplemental guidance that support best practices in the industry which include, but are not limited to the documents listed in the Table below. We anticipate that a majority (if not all) of these projects will not consist of major roadway construction or the acquisition of right-of-way, and therefore project design stage submittals can be expedited / accelerated to deliver projects in a timely and efficient manner. Projects that require waivers or exceptions to meet site specific needs will be identified in the early stages of the plan delivery process. We will use the results and recommendations from studies or other past works identified to develop preliminary and final plans construction documents, specifications, technical specifications (as necessary), and project-specific details along with an Engineer's Opinion of Probable Construction Cost (OPC) for each project. While

the use of standards and manuals provides some nominal safety, we are proficient at using predictive analytics based on the HSM methodologies and crash modification factors for analysis and evaluation of geometric elements of roadways to balance mobility and safety. Our strong expertise in roadway design, traffic engineering and safety analysis have led to the deployment of some of the innovative projects developed in the State of Louisiana such as deployment of continuous flow intersections or displaced left turns and diverging diamond interchanges. We have used this blend of expertise to transform corridors for multimodal use and revitalize corridors. This capability will allow us to analyze entire corridors or specific geometric features contingent on the availability of safety performance functions or in lieu of that use crash modification factors to rank alternatives for their safety performance. Furthermore, Stantec also has electrical and intelligent transportation systems engineers in-house who have significant experience designing lighting systems for roadways, and deployment of intelligent transportation systems to enhance road safety and mobility. We believe this capability gives us the edge to incorporate nascent technologies to address safety.

Latest adopted edition of AASHTO's A Policy on Geometric Design of Highways and Streets (Green Book)	LADOTD's Engineering Directives and Standards Manual (EDSM)
Latest adopted edition of AASHTO's Roadside Design Guide (RDG)	Bridge Design and Evaluation Manual
The Highway Capacity Manual (MUTCD)	DOTD Complete Streets Policy
The Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD)	DOTD Hydraulics Manual
Traffic Control Devices	DOTD Location and Survey Manual (incl. Addendum "A")
Traffic Engineering Handbook	Current edition of DOTD Specifications for Roads and Bridges
The Highway Safety Manual (HSM)	DOTD Minimum Design Guidelines
Highway Safety Design and Operations Manual	DOTD Roadway Design Procedures and Details Manual
NCHRP 350	DOTD Traffic Engineering Process and Report
	DOTD Traffic Signal Manual

Task 4.0 – Safety Effectiveness Evaluation

Considering the recommended practices outlined in the Highway Safety Manual (HSM), the Consultant shall perform the required safety effectiveness evaluation as per LADOTD requirements. There are three basic methods that can be used for safety effectiveness evaluation (HSM, 2010):

- Observational before/after studies.
- Observational cross-sectional studies.
- Experimental before/after studies.

Observational before/after evaluation studies

Observational before/after studies are the most common approach used for safety effectiveness evaluation. To apply this method, crash, and traffic volume data for time periods before and after improvement of the treated sites should be collected. In addition, crash and volume data should also be collected for nontreatment sites (comparison sites) that were not improved between the time periods before and after improvement of the treatment sites.

The Empirical Bayes method is the most commonly used method to perform the observational before/after evaluations. This method is considered a reliable method as it accounts for the ***regression to the mean bias (RTM)***. Assumptions underlying this method include Poisson distribution of crash frequency, a gamma distribution of means and changes from year to year are similar for all reference sites. This method has 14 steps to calibrate Crash Modification Factors (CMFs). In this study, before-after with EB will be used to calibrate CMFs.

Observational cross-sectional evaluation studies

Although a before/after evaluation is the most common and desirable evaluation method, there are some situations in which it is not feasible to use it including the following cases:

- When the treatment installation dates are not available;
- When crash and traffic volume data for the period prior to treatment implementation are not available; or
- When evaluation needs to explicitly account for effects of a roadway geometrics or other related features by creating a CMF function rather than a single value for a CMF

In such cases, observational cross-sectional studies can be applied. Cross-sectional studies use statistical modeling techniques that consider the crash frequency/severity of sites with and without particular treatment of interest or with various levels of a continuous variable that represents a treatment of interest. The data for a cross-sectional study is typically obtained for the same time period for both the treatment and comparison sites.

In this project, the consultant will follow the selection guide by HSM for observational Before/After Evaluation Methods (Table 9-4, HSM).

Experimental before/after evaluation studies

In this method, comparable sites with respect to traffic volume and geometric features are randomly assigned to a treatment group or nontreatment group. The treatment is then applied to the sites in the treatment group, and crash and traffic volume data should be collected for the time period before and after treatment. Typically, same data will be collected also at the nontreatment sites for the same time periods (HSM, 2010).

The consultant shall follow HSM overview of data needs and inputs for safety effectiveness evaluations (Table 9-6, HSM).

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 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.	Road, Traffic	S. P. No. H.011295.5	LA 73 (Gov't St.) East Blvd. - Lobdell Ave. [East Baton Rouge Parish]	$1,405
Stantec Consulting Services Inc.	Bridge, Traffic	S. P. No. 700-10-0153	Nelson Road Ext. Bridge [Lake Charles, Louisiana]	$0
Stantec Consulting Services Inc.	Road	S. P. No. H.005967.5	Nelson Road Ext. Bridge - Roadway (Sub to Shread-Kuyrkendall & Assoc.)	$2,680
Stantec Consulting Services Inc.	Planning	S. P. No. 4400004128	Lafayette Regional Airport to I-10/I-49/US 167 Interchange [Lafayette Parish]	$1,726,517
Stantec Consulting Services Inc.	Traffic/ITS	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]	$33,334
			H.011152.4 I-12 US 190 to LA 59 [St. Tammany Parish]	$36,275
			H.013261.6 I-110 ITS Deployment/Constr. [East Baton Rouge Parish]	$15,283

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining unpaid balance**
			H.013866.6 I-12: LA 21 to US 190 Roadway Widening [St. Tammany Parish]	$24,490
			H.014529.1 Baton Rouge Regional ITS Architecture Update [EBR & WBR Parishes]	$5,469
Stantec Consulting Services Inc.	Road, Bridge, ITS, Traffic, Other (Lighting)	S. P. No. H.011670	Loyola Dr./I-10 Interchange to New Airport Terminal Design Build (Sub to Gilchrist Co., LLC) [Jefferson Parish]	$8,196
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]	$17,912
Stantec Consulting Services Inc.	Traffic/ITS	S. P. No. 4400020058	IDIQ Contract for Intelligent Transportation Systems (ITS) Design and Implementation Services [Statewide, LA]	
			H.012374.5 I-12: Essen Ln. to Walker Rd. ITS Ramp Meter Upgrades [EBR & Livingston Parishes]	$0
			H.013710.6 I-10: US-61 to Laplace ITS Deployment [Ascension, St. James & St. John Parishes]	$14,256
			H.013842.5 I-10: WBR Queue Warning System Design [Iberville & WBR Parishes]	$4,990
			H.001234.6 LA 1: Port Allen Canal BR REPL (PHI) (HBI) [West Baton Rouge Parish]	$12,186
Stantec Consulting Services Inc.	Road/Bridge	S. P. No. 4400020064	IDIQ Contract for Electrical Services [Statewide, LA]	
			H.005967.5 I-12: Nelson Road Ext. & Bridge Roadway Lighting Engineering [Calcasieu Parish]	$14,165
			H.014286.5 I-10: LA 26 (Jennings) Interchange Lighting [Jefferson Davis Parish]	$135,067
			H.014272.5 I-10: LA 97 (Jennings) Interchange Lighting [Jefferson Davis Parish]	$271,773
Vectura Consulting Services, LLC	Traffic	H.010616	I-20: LA 544 Overpass Replacement	$4,958
Vectura Consulting Services, LLC	Traffic	H.005168.2	New Orleans Rail Gateway Jefferson Highway EA	$52,805

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining unpaid balance**
Vectura Consulting Services, LLC	Traffic	H.005168.2	New Orleans Rail Gateway Avondale EA	$243,306
Vectura Consulting Services, LLC	ITS	H.014513.1	Lafayette Regional ITS Architecture	$4,087
Vectura Consulting Services, LLC	Traffic	H.007160	EBR Computerized Traffic Signal, Ph VB	$61,450
Vectura Consulting Services, LLC	Traffic	H.004791	Belle Chasse Bridge & Tunnel Replacement PPP	$21,999
GOTECH, Inc. (Subconsultant to Michael Baker International, Inc.)	CE&I/OV	Contract No. 4400013851; Task Order No. H.013532, H.013271.6, H.012473.6	IDIQ Contract for Construction Engineering & Inspection Services for Safety Projects with Majority of Work in Districts 02, 61 & 62 – Denham Springs Rd Signing & Striping (Livingston Parish, LA)	$38,640 $20,000
GOTECH, Inc. (Subconsultant to GEC, Inc.)	CE&I/OV	Contract No. 4400013710; Task Order No. H.003014.6, H.003003.6, H.012861, H.012304	IDIQ Contract for Construction Engineering & Inspection Services - Statewide with Majority of work in District 03 (Lafayette, LA)	$0 $19,481 $50,628
GOTECH, Inc. (Subconsultant to Volkert, Inc.)	CE&I/OV	Contract No. 4400004631; Task Order No. H.003107.6 *Task Order No. 1 *Task Order No. 2	Retainer Contract for Construction Engineering Management and Staff Augmentation Services for District 62 (St. Helena, Livingston, St. John, Tangipahoa, Washington & St. Tammany Parishes)	$0 $171,520
GOTECH, Inc. (Subconsultant to	Survey & Road	Contract No. 4400004666;	I-49 South: Ambassador Caffery & US 90 Interchange – Route US 90 (Lafayette Parish)	

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining unpaid balance**
PENSCO & Sigma)		Task Order H.002868.5		$38,928
GOTECH, Inc. (Subconsultant to Huval)	Survey	Project No. H.004791	Belle Chasse Bridge & Tunnel Replacement (Plaquemines Parish)	$40,150
GOTECH, Inc. (Subconsultant to GEC, Inc.)	CE&I/OV	Contract No. 4400017006; Task Order No. H.011670	I-10 / Loyola Interchange Improvements (Jefferson Parish)	$658,523
GOTECH, Inc. (Subconsultant to Hardesty & Hanover, LLC)	CE&I/OV	Contract No. 4400017430; Task Order No. H.001498.6	LA 24 & 316: Company Canal Bridge CE&I (Terrebonne Parish)	$377,825
GOTECH, Inc. (Subconsultant to WSP)	Planning	Contract No. 4400017327	IDIQ Innovative Procurement & Alternative Delivery Support Services, Statewide	$92,479
GOTECH, Inc. (Subconsultant to GEC, Inc.)	CE&I/OV	Contract No. 4400019950 Task Order No. H.003003	IDIQ Contracts for Construction Engineering & Inspection Services, Statewide w/Majority of Work in District 03	$18,300
LSU		DOTLT1000373	Minimum Intersection Illumination	$50,000
LSU		20ITSLSU17	Developing Notification and Enforcement Systems to Communicate and Administer Bridge Load Postings	$0
LSU		21ITSLSU16	Examining drivers' behaviors to connected and automated vehicles	$15,000
LSU		19PITSLSU14	Investigating the Impacts of Truck Platooning on Transportation Infrastructure in the South-Central Region	$0

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining unpaid balance**
LSU		20SALSU13	Exploring Traffic Safety Problems and Challenges of Older Roads' Users in Louisiana: Causes and Countermeasures	$0

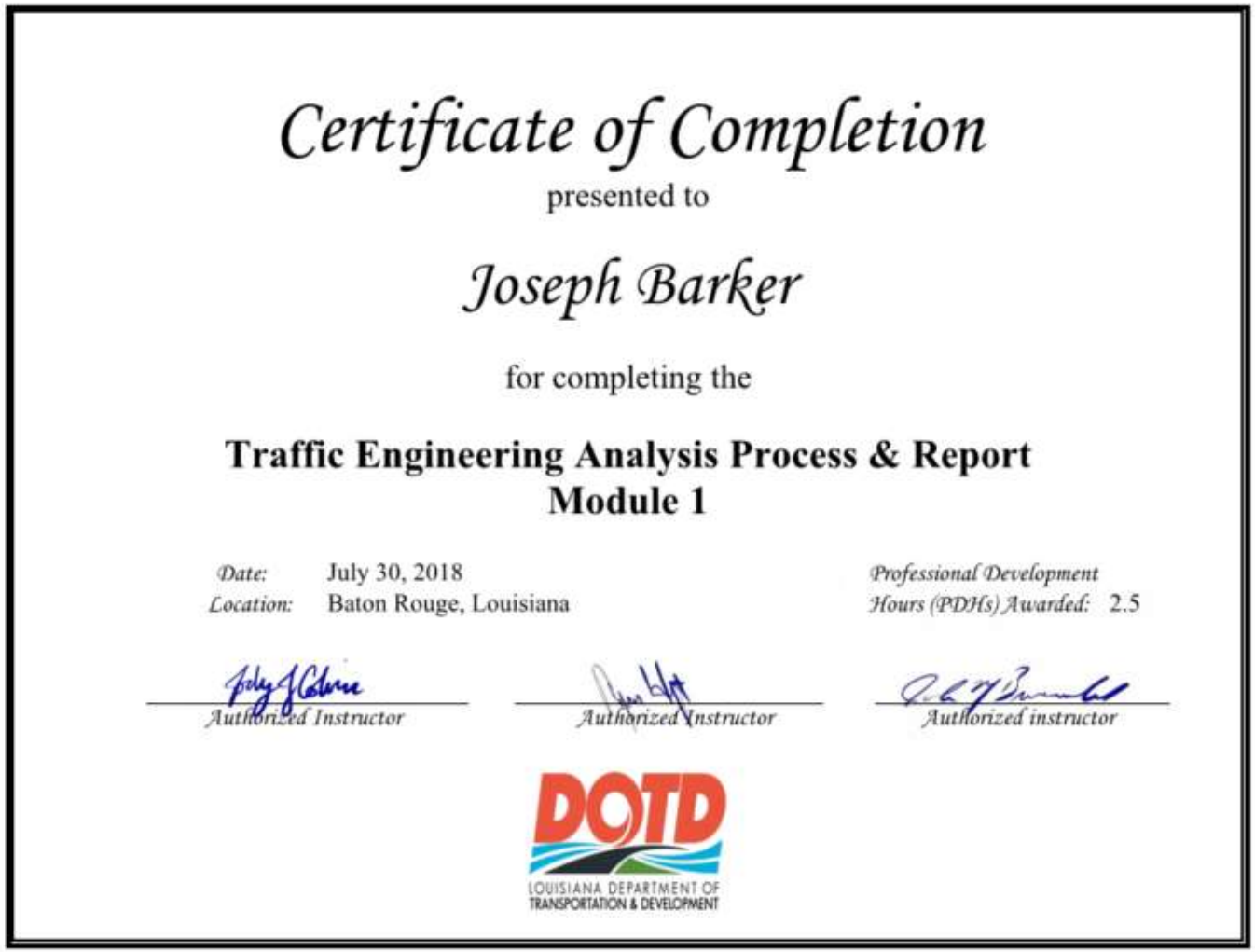
(Add rows as needed) DO NOT SUM

* The 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, 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.



Certificate of Completion

presented to

Joseph Barker

for completing the

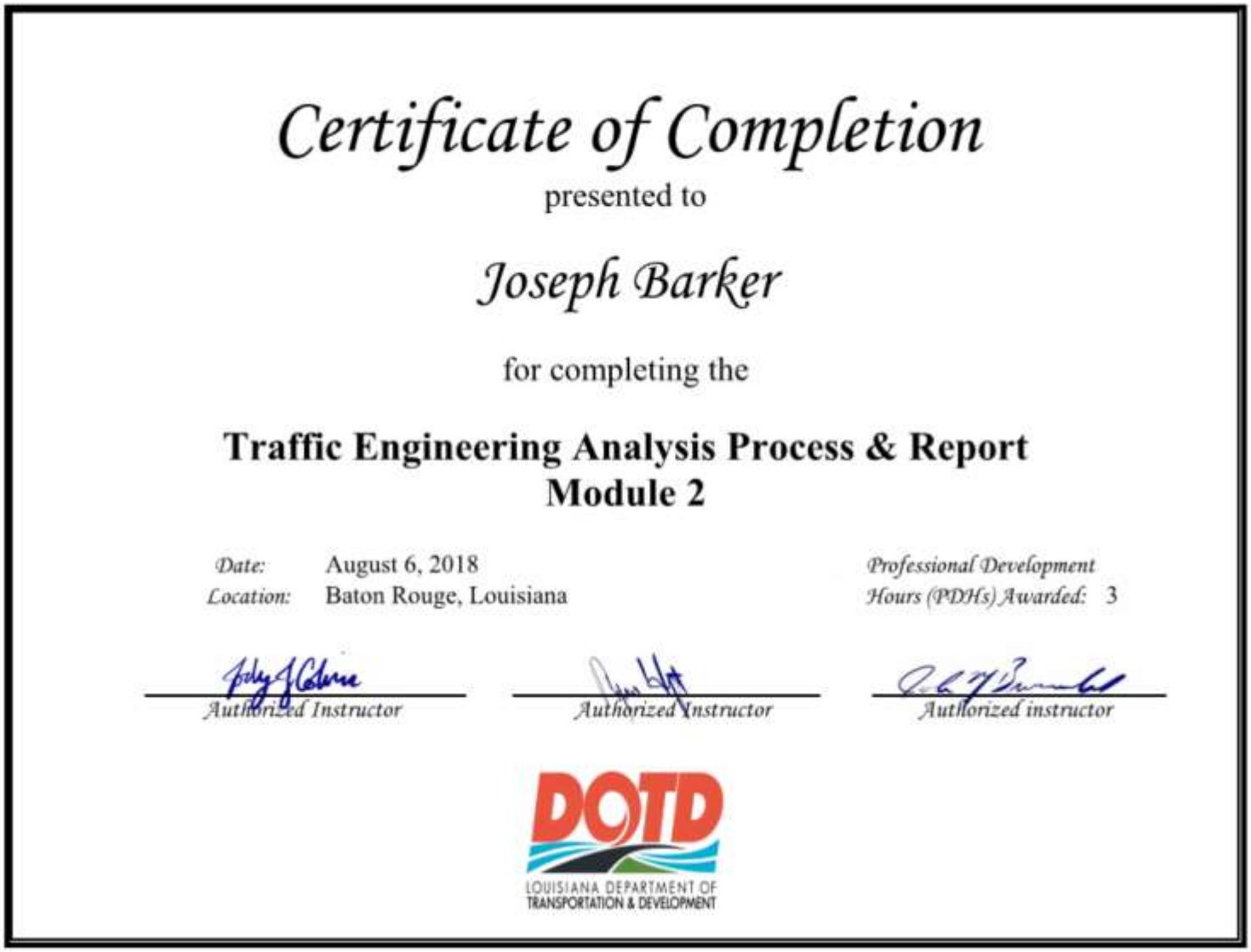
Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 2.5

Authorized Instructor | Authorized Instructor | Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Joseph Barker

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name**: Stantec Consulting Services Inc.**

Certificate of Completion

presented to

Joseph Barker

for completing the

Traffic Engineering Analysis Process & Report
Module 3

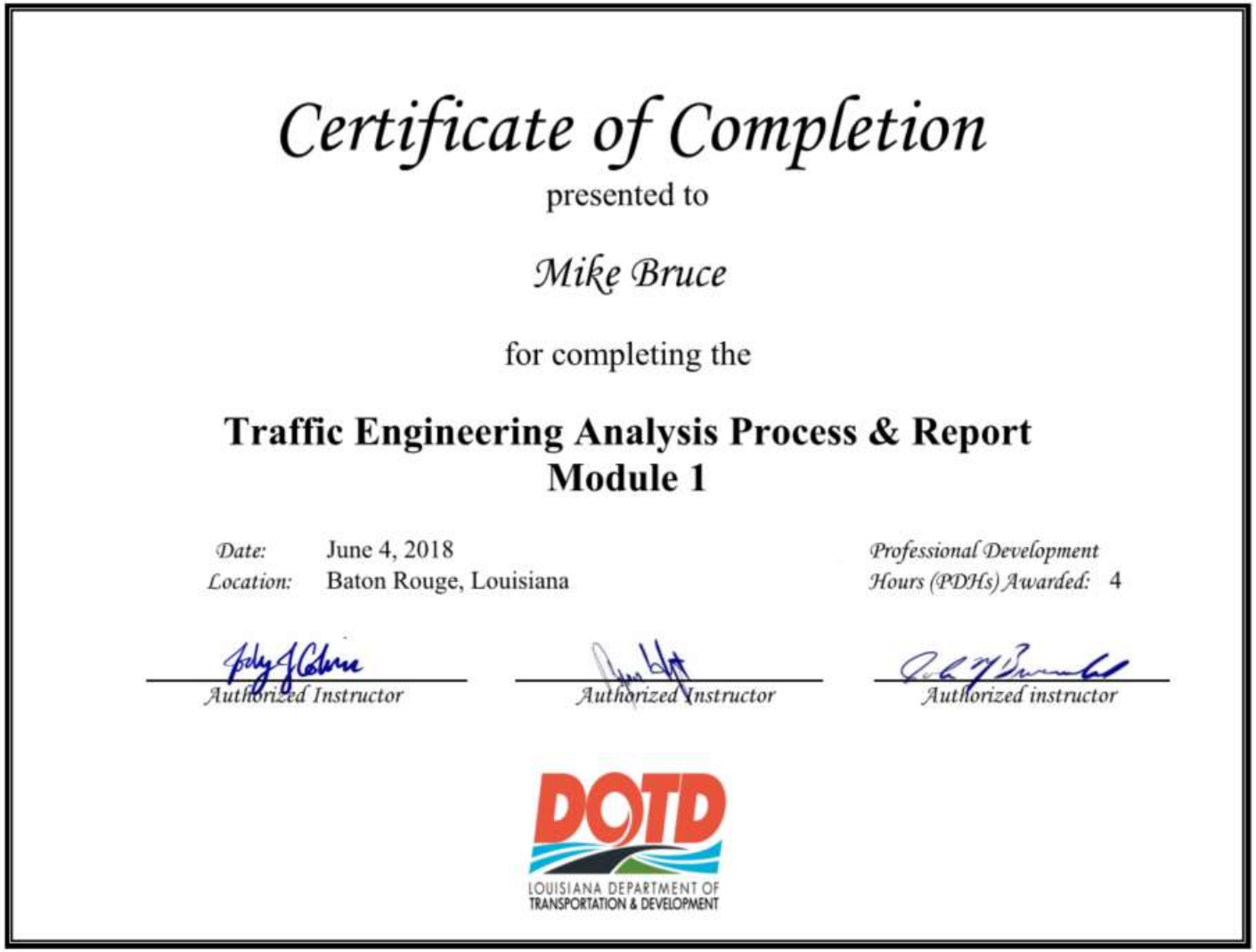
Date: October 18, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

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

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name**: Stantec Consulting Services Inc.**



Certificate of Completion

presented to

Mike Bruce

for completing the

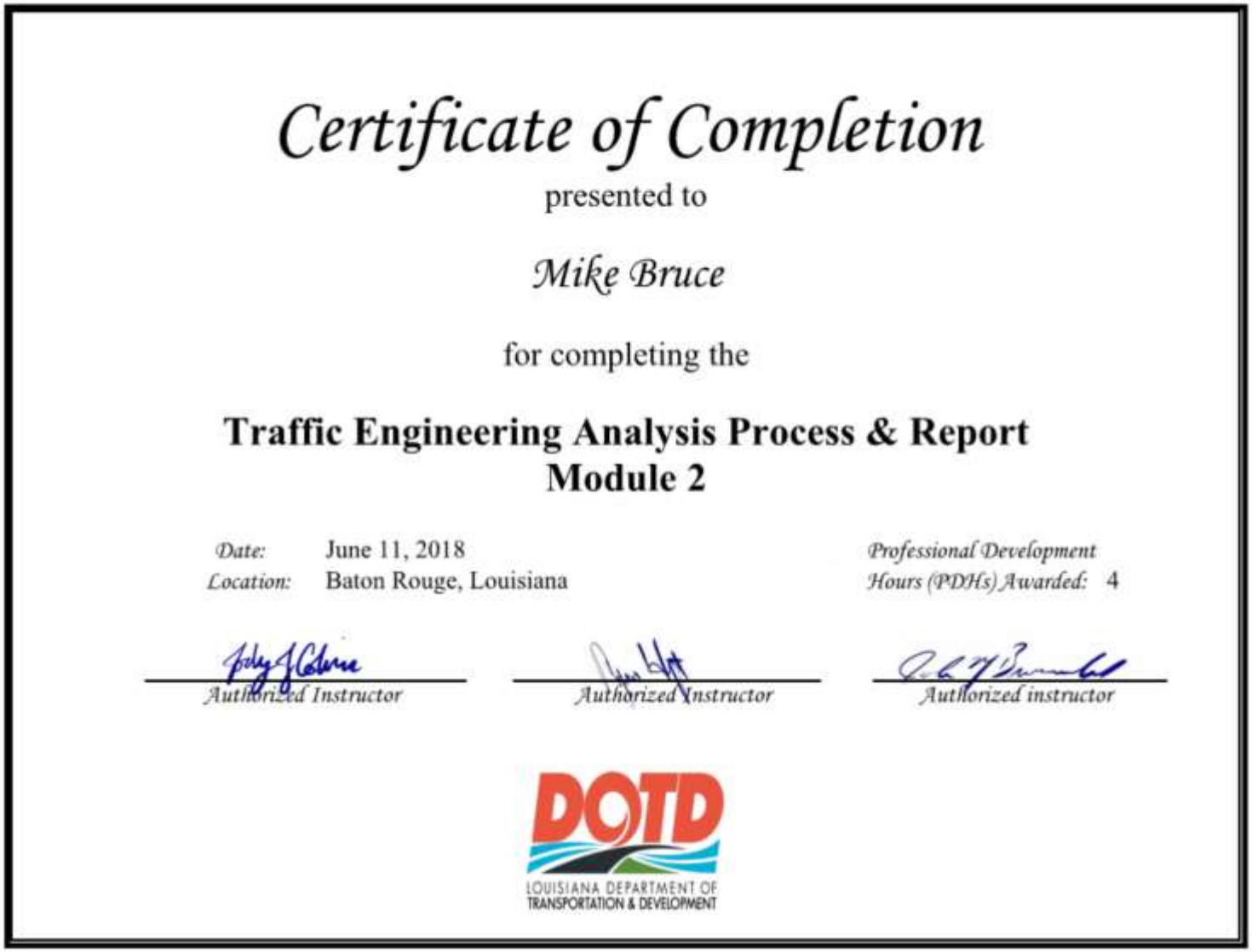
Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT



Certificate of Completion

presented to

Mike Bruce

for completing the

Traffic Engineering Analysis Process & Report
Module 2

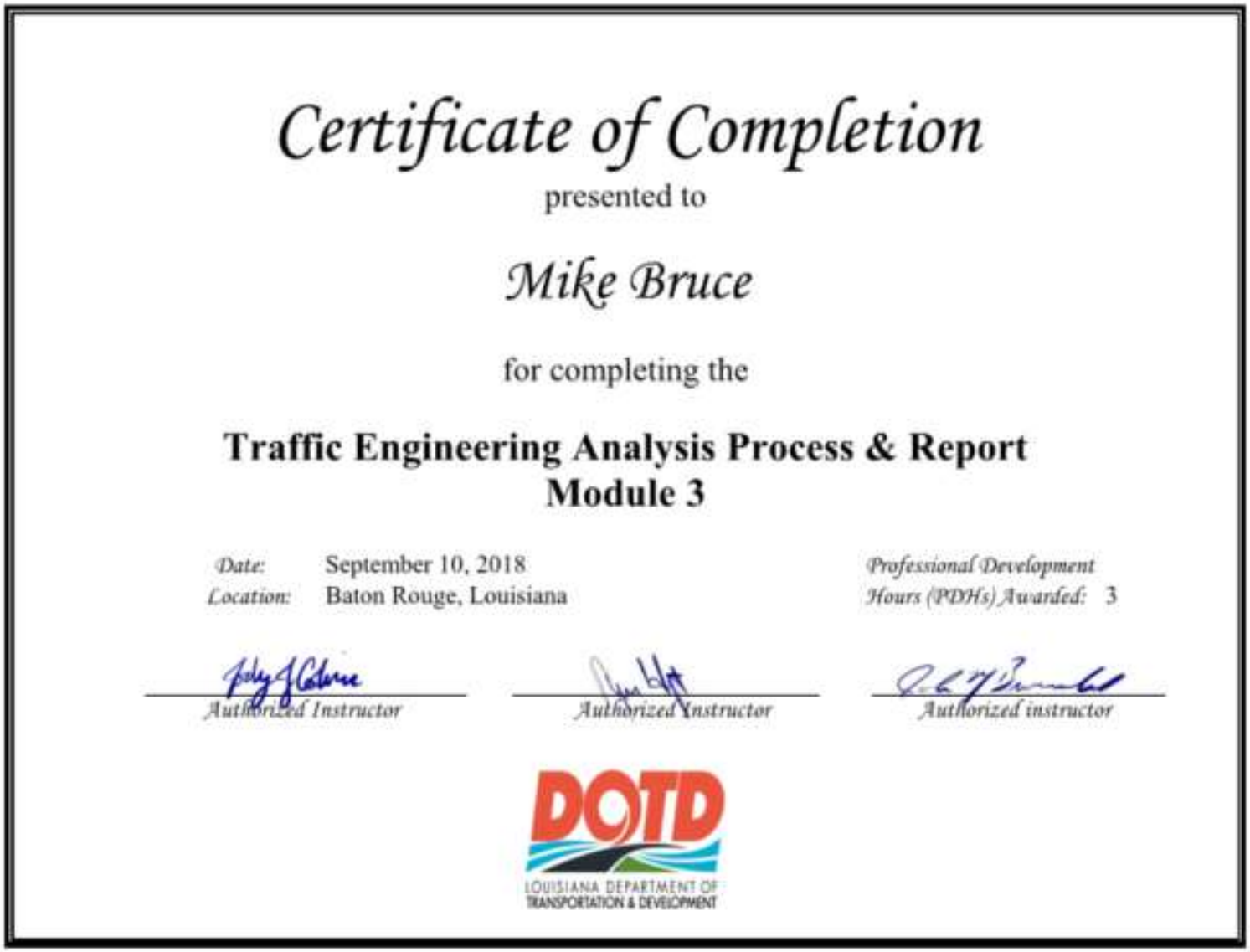
Date: June 11, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 4

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

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name**: Stantec Consulting Services Inc.**



Certificate of Completion

presented to

Mike Bruce

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

 Prime consultant name**: Stantec Consulting Services Inc.**

The American Traffic Safety Services Association

Hereby recognizes that

Joseph Cains III

has attended

Traffic Control Supervisor Refresher-LA State Specific Training Course

07/27/2018
Date

Baton Rouge, LA
Location

ATSSA
SAFER ROADS SAVE LIVES

Training & Products Dept. Director

President, CEO

 Prime consultant name: **Stantec Consulting Services Inc.**

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

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name**: Stantec Consulting Services Inc.**

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

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name**: Stantec Consulting Services Inc.**

Certificate of Completion

presented to

Cindy Hall

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name**: Stantec Consulting Services Inc.**

Certificate of Completion

presented to

Scott Hoffeld

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name**: Stantec Consulting Services Inc.**

Certificate of Completion

presented to

Scott Hoffeld

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name**: Stantec Consulting Services Inc.**

The American Traffic Safety Services Association

Hereby recognizes that

Cindy Hall

has attended

Traffic Control Supervisor Refresher-LA State Specific Training Course

07/27/2018
Date

Baton Rouge, LA
Location

ATSSA
SAFER ROADS SAVE LIVES

Training & Products Dept. Director

President, CEO

 Prime consultant name**: Stantec Consulting Services Inc.**

Certificate of Completion

presented to

Scott Hoffeld

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name**: Stantec Consulting Services Inc.**

The American Traffic Safety Services Association

Hereby recognizes that

Scott Hoffeld

has attended

Traffic Control Technician-LA State Specific Training Course

08/25/2015
Date

New Orleans, LA
Location

ATSSA
SAFER ROADS SAVE LIVES

Training & Products Dept. Director

President, CEO

 Prime consultant name**: Stantec Consulting Services Inc.**

The American Traffic Safety Services Association

Hereby recognizes that

Joseph Lefante

has attended

Traffic Control Supervisor Refresher-LA State Specific Training Course

07/27/2018
Date

Baton Rouge, LA
Location

ATSSA
SAFER ROADS SAVE LIVES

Training & Products Dept. Director

President, CEO

 Prime consultant name: **Stantec Consulting Services Inc.**

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

Timothy P. Harpst
Chair

PTOE
PROFESSIONAL
TRAFFIC
OPERATIONS
ENGINEER

Executive Director

 Prime consultant name: **Stantec Consulting Services Inc.**

Certificate of Completion

presented to

Joey Lefante

for completing the

Traffic Engineering Analysis Process & Report
Module 1

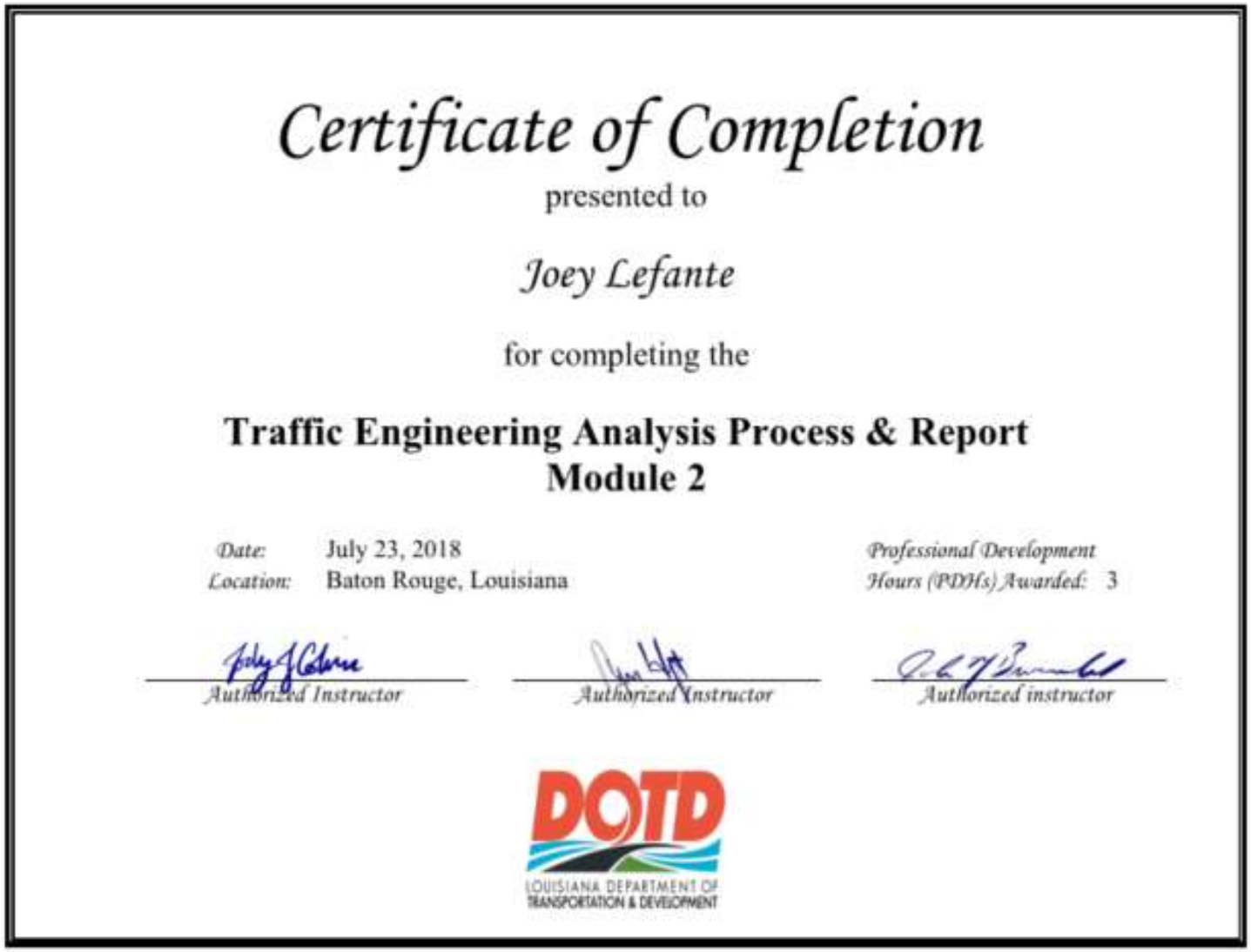
Date: July 16, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2

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

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name**: Stantec Consulting Services Inc.**



Certificate of Completion

presented to

Joey Lefante

for completing the

Traffic Engineering Analysis Process & Report
Module 2

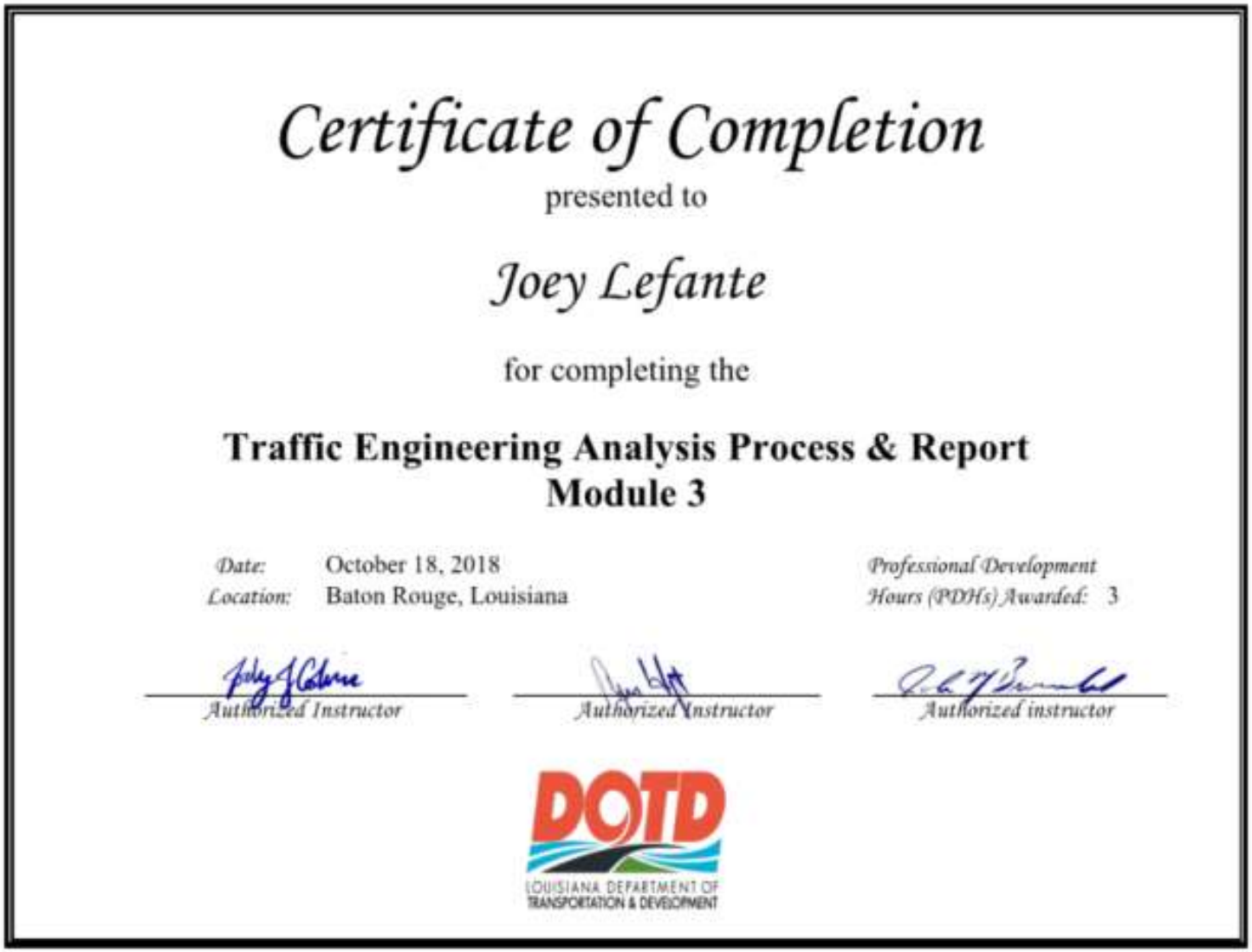
Date: July 23, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name**: Stantec Consulting Services Inc.**



Certificate of Completion

presented to

Joey Lefante

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

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

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name**: Stantec Consulting Services Inc.**

The American Traffic Safety Services Association

Hereby recognizes that

Mary Bratton

has attended

Traffic Control Supervisor Refresher-LA State Specific Training Course

07/27/2018
Date

Baton Rouge, LA
Location

ATSSA
SAFER ROADS SAVE LIVES

Training & Products Dept. Director

President, CEO

 Prime consultant name**: Stantec Consulting Services Inc.**

The American Traffic Safety Services Association

Hereby recognizes that

Stephen Mensah

has attended

Traffic Control Supervisor Refresher-LA State Specific Training Course

07/27/2018
Date

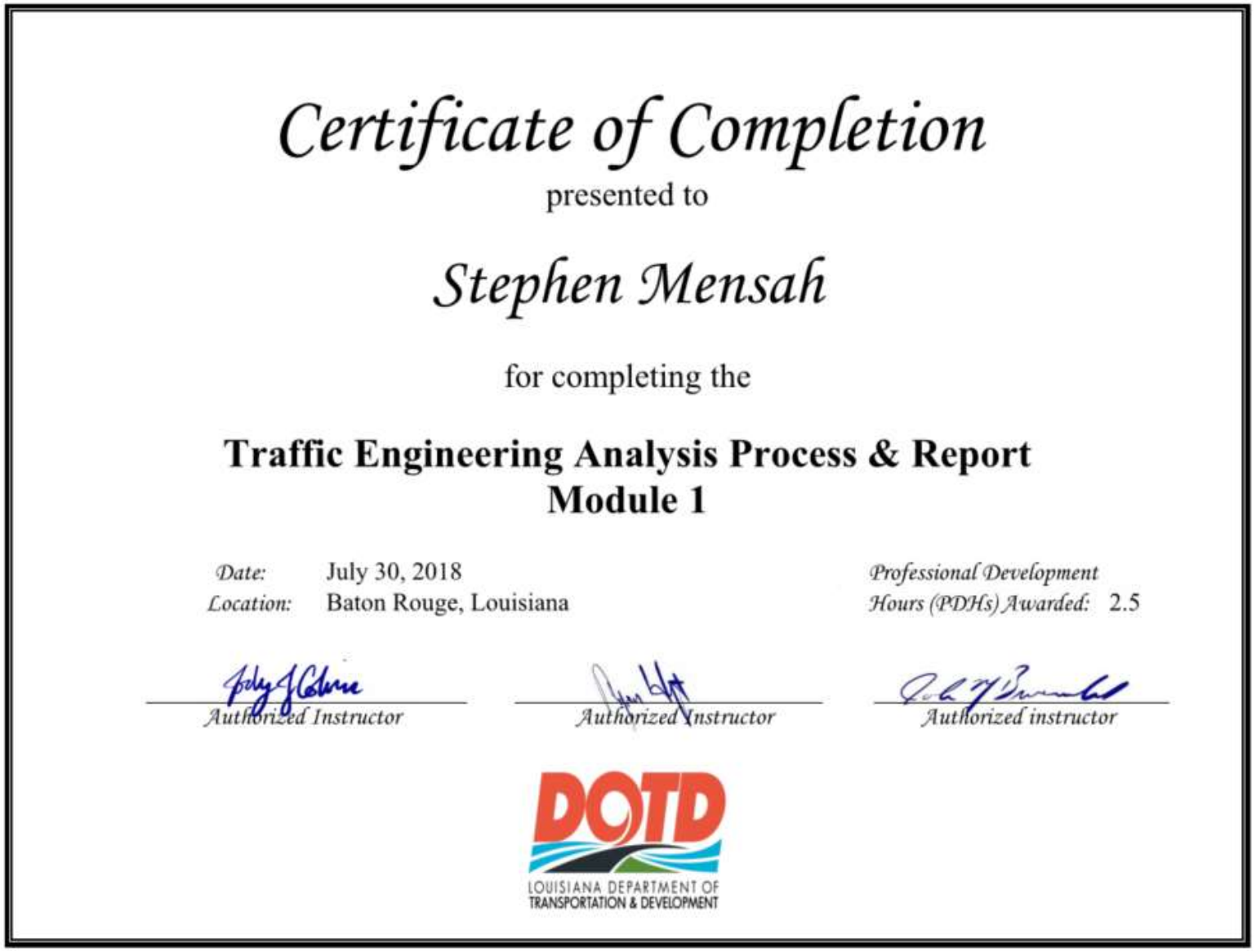
Baton Rouge, LA
Location

ATSSA

Training & Products Dept. Director

Roger A. LeMaster
President, CEO

 Prime consultant name**: Stantec Consulting Services Inc.**



Certificate of Completion

presented to

Stephen Mensah

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 2.5

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

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name**: Stantec Consulting Services Inc.**

Certificate of Completion

presented to

Stephen Mensah

for completing the

Traffic Engineering Analysis Process & Report
Module 2

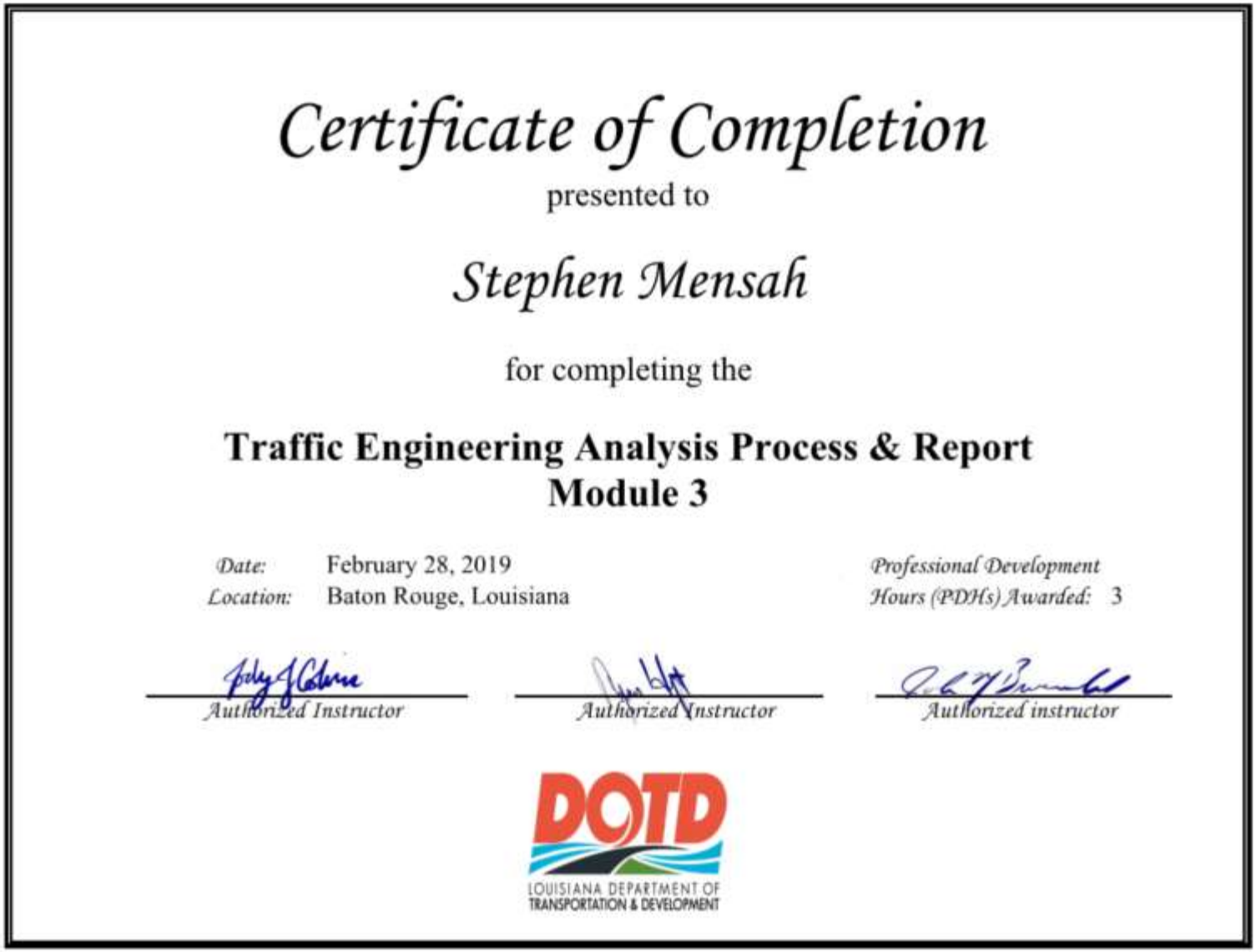
Date: August 6, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

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

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name: **Stantec Consulting Services Inc.**



Certificate of Completion

presented to

Stephen Mensah

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

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

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name: **Stantec Consulting Services Inc.**

Transportation Professional Certification Board Inc.

certifies that

Stephen A. Mensah

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

PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

unless withdrawn by the Certification Board and subject to the provisions for renewal.
Certificate number 3960 issued in Washington, D.C., U.S.A.
November 18, 2015

Chair

PTOE
PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

Executive Director

 Prime consultant name: **Stantec Consulting Services Inc.**

The American Traffic Safety Services Association

Hereby recognizes that

Michael Neumann

has attended

Traffic Control Supervisor-LA State Specific Training Course

07/26/2018
Date

Baton Rouge, LA
Location

ATSSA
SAFER ROADS SAVE LIVES

Training & Products Dept. Director

President, CEO

 Prime consultant name: **Stantec Consulting Services Inc.**


ATSSA
TRAINED
PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT
Kristen Farrington
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course
4/5/2021 to 4/5/2025
Training Valid Through
Director of Training
Baton Rouge, LA
Location
President, CEO
ATSSA provides training and certification but neither constitutes employment by ATSSA.
ATSSA
American Traffic Safety Services Association ATSSA.com

ATSSA
SAFER ROADS SAVE LIVES

Dear Certified Flagger:

Enclosed, please find your card signifying you as an ATSSA Certified Flagger. This card should be carried and presented to employers while performing work on our nation's roadways. Please be aware that the card is not valid without a Photo I.D.

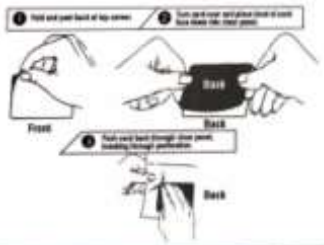
We commend you on your decision to become an ATSSA Certified Flagger. This distinction reflects that you have been trained by the leader in roadway safety and also entitles you to be listed on our National Flagger Database. Please review your state requirements for expiration of your flagger card. Also, please inform us of any errors or changes in your name or address so we may keep our records up to date.

Once again, ATSSA thanks you for your dedication to ensuring that our work zones are safe and that lives will be saved with proper training. Please visit our website at www.atssa.com for additional training courses and work zone safety products.

Sincerely,

Director of Training

Laminating the front of your card with Dual Laminate:



American Traffic Safety Services Association
15 Riverside Parkway, Suite 100 • Fredericksburg, VA 22406-1077
Office: 540-368-1701 • Toll-Free: 800-272-8772 • Fax: 540-368-1717
www.atssa.com

Transportation Professional Certification Board Inc.

1627 Eye Street, NW • Suite 600 • Washington, DC 20006 USA • Tel: 202-785-0060 • Fax: 202-785-0609 • www.tpcb.org

Kristen Alice Gahagan
Buchart Horn, Inc.
728 Hesper Ave
Metairie, LA USA 70005

It is my pleasure to inform you that you have passed the written examination and are certified as a *Professional Traffic Operations Engineer*® (PTOE). As a PTOE you will be recognized as one of a specialized group of traffic operations engineers with the set of skills and expertise needed to successfully solve and implement traffic solutions and create better communities.

The Certification Board previously determined you met all other requirements for certification. If there is no balance due on the attached invoice you may now use the title Professional Traffic Operations Engineer® and/or the initials PTOE in the conduct of your professional practice. If payment is outstanding, you must pay the balance due and only then are you a PTOE.

While you wait for your certificate, your PTOE certification number is: **4863** You should receive your certificate 120 days. If you wish your name to appear on the certificate any differently from how it is shown here, please contact Ann O'Neill **immediately** at certification@tpcb.org or by fax at 202-785-0609.

Kristen Alice Gahagan

Your initial certification fee covers a three-year period and will expire March 26, 2023.

At the end of the three-year period, your certification may be renewed without examination if you demonstrate that you have met the continuing professional development and education activities required. The specific components of the required continuing professional development are described in the enclosed attachment. Begin earning and keeping track of your professional development units so that when it is time to renew, the necessary 45 PDH's will be easily accessible. As of January 1, 2018, TPCB phased in a policy in which 20 percent of certificant renewals will be randomly selected for audit and the certificant will be required to provide documentation (certificates of completion, course syllabus, meeting agenda/registration, etc.) to demonstrate fulfillment of continuing education requirements. The professional record-keeping systems, available from ITE, provide a resource to record the dates of completion of continuing education and maintain the necessary supporting documentation.
www.ite.org/pdrks/default.asp

Let me again congratulate you on obtaining this certification. We hope that you will display it with justified pride and carry out your professional activities in a manner to bring added luster to the title and practice of Professional Traffic Operations Engineer®.

The TPCB continues its efforts to grow and enhance the value of the PTOE and its other certifications. In 2019 the TPCB website was redesigned and a new certification–the Road Safety Professional–was launched. Going forward the TPCB is committed to expanding the awareness of its certification programs, encouraging jurisdictions to give preference to certificants and growing the number of certified professionals. The TPCB distributes a quarterly newsletter and highlights the value of its certification programs through the tpcb.org website. If you would like to contribute to the newsletter or website, please send any items of interest to: certification@tpcb.org.

Should you have questions now or in the future, please do not hesitate to contact me or the staff at the address below.

Sincerely,

Diane W. Morabito

Diane W. Morabito, P.E., PTOE
Chair, Transportation Professional Certification Board Inc.

Attachments

Transportation Professional Certification Board, Inc.

certifies that

Kristen Gahagan Farrington

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 1868 issued in Washington, DC, USA

08/26/2020

Diane W. Morabito
Chair

PTOE PROFESSIONAL TRAFFIC OPERATIONS ENGINEER

Jeffrey F. Paniati
Executive Director

 Prime consultant name**: Stantec Consulting Services Inc.**

Transportation Professional Certification Board, Inc.

certifies that

Prasanth Malisetty

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

Road Safety Professional

unless withdrawn by the Certification Board and subject to the provisions for renewal.
Certificate number 355 issued in Washington, DC, USA

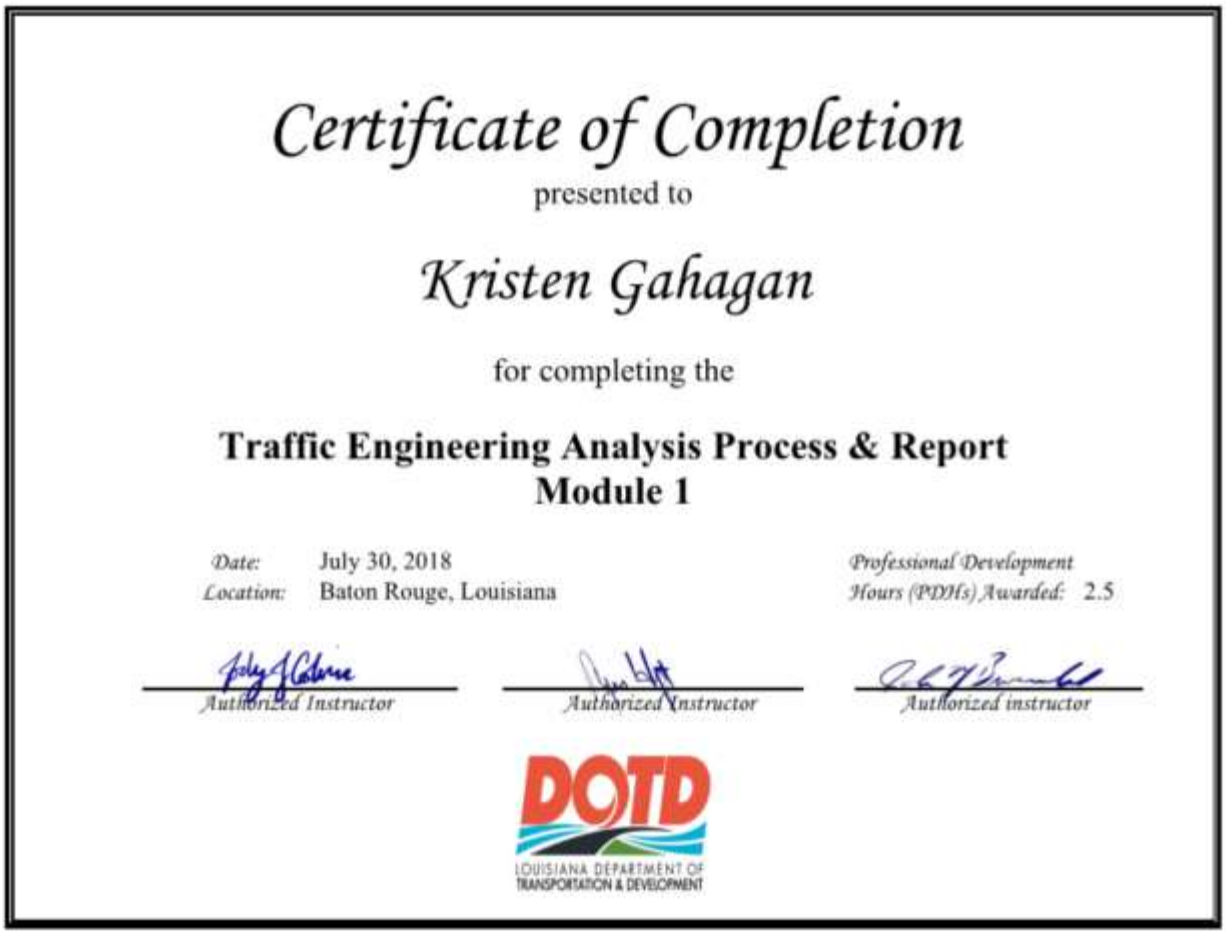
12/09/2019

Diane W. Morabito
Chair

ROAD SAFETY PROFESSIONAL

Jeffrey F. Paniati
Executive Director

 Prime consultant name**: Stantec Consulting Services Inc.**



Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report
Module 1

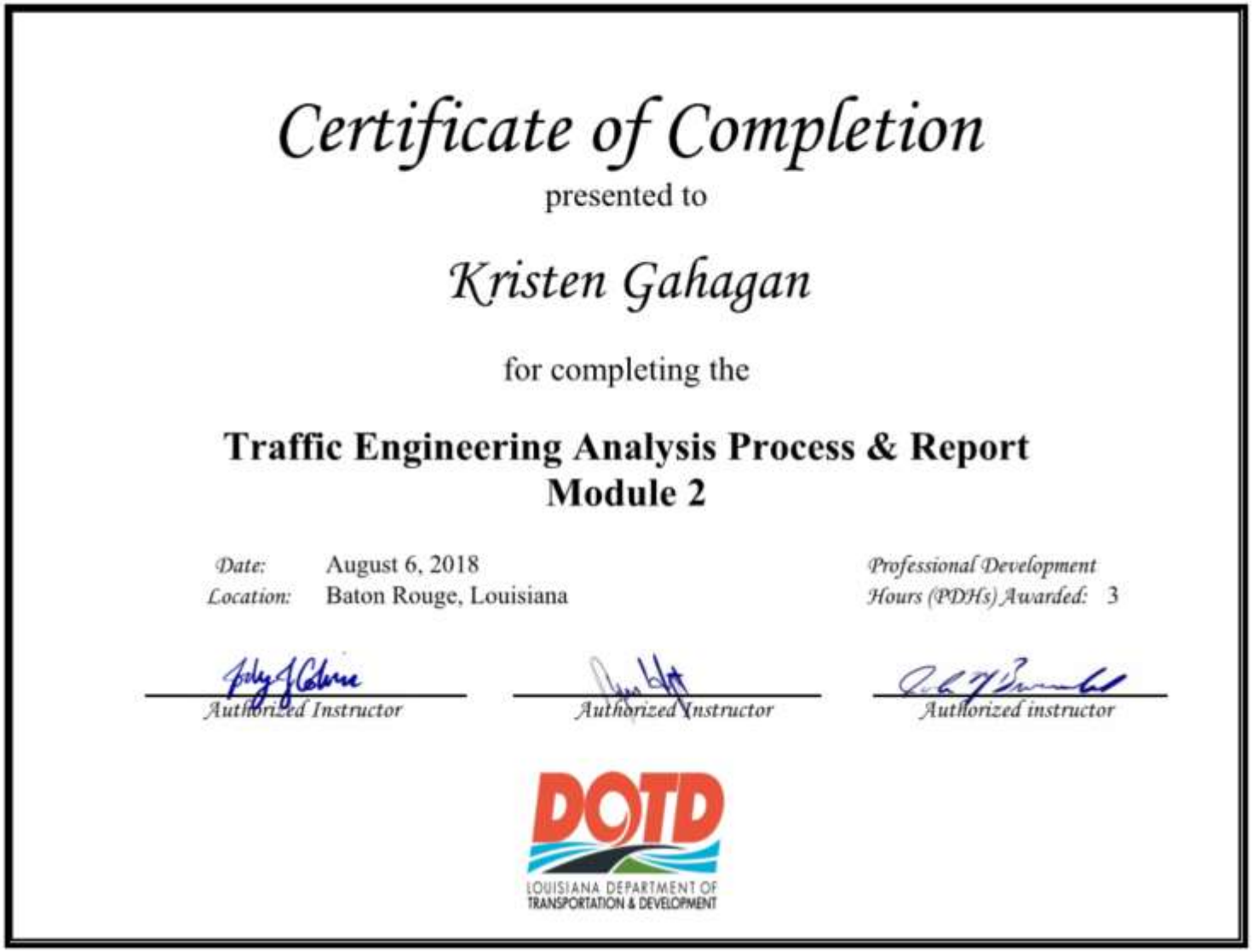
Date: July 30, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2.5

Authorized Instructor *Authorized Instructor* *Authorized instructor*

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name**: Stantec Consulting Services Inc.**



Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report
Module 2

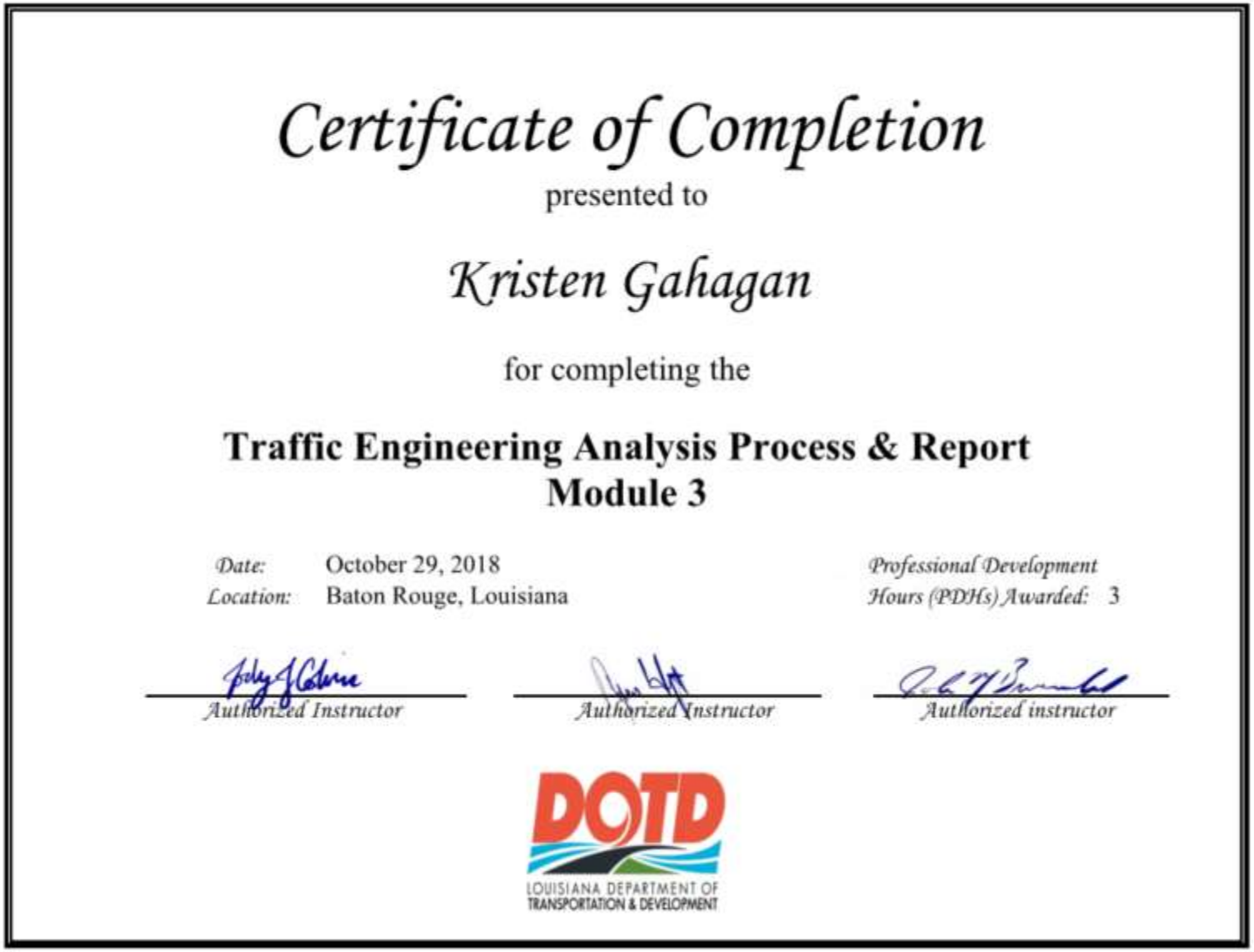
Date: August 6, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor | Authorized Instructor | Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name: **Stantec Consulting Services Inc.**



Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: October 29, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

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

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name**: Stantec Consulting Services Inc.**

Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 4

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

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name: **Stantec Consulting Services Inc.**

Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 4

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

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name**: Stantec Consulting Services Inc.**

Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

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

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name: **Stantec Consulting Services Inc.**

Certificate of Completion

presented to

Laurence Lambert

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 2

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

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name**: Stantec Consulting Services Inc.**

Certificate of Completion

presented to

Laurence Lambert

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: October 15, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

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

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name: **Stantec Consulting Services Inc.**

Certificate of Completion

presented to

Laurence Lambert

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 3

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

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name: **Stantec Consulting Services Inc.**

Certificate of Completion

presented to

Prasanth Malisetty

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 2.5

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

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name**: Stantec Consulting Services Inc.**

Certificate of Completion

presented to

Prasanth Malisetty

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 3

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

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name**: Stantec Consulting Services Inc.**

Certificate of Completion

presented to

Prasanth Malisetty

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: October 29, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

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

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name: **Stantec Consulting Services Inc.**

Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: November 5, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 2

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name: **Stantec Consulting Services Inc.**

Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 3.5

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

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name: **Stantec Consulting Services Inc.**

Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

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

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name: **Stantec Consulting Services Inc.**

Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 2.5

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

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name**: Stantec Consulting Services Inc.**

Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report
Module 2

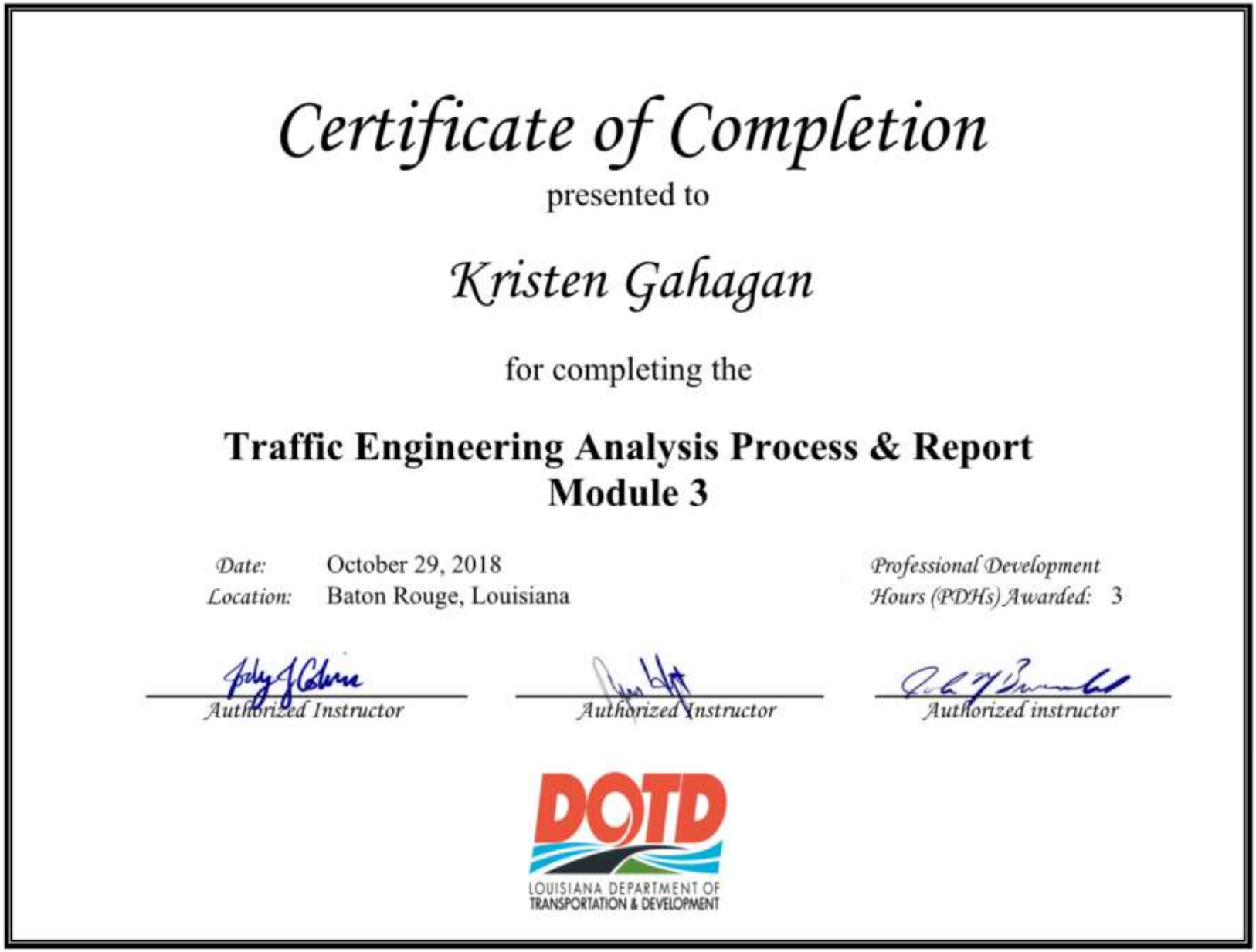
Date: August 6, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

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

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name: **Stantec Consulting Services Inc.**



Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: October 29, 2018
Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Prime consultant name**: Stantec Consulting Services Inc.**

 Prime consultant name**: Stantec Consulting Services Inc.**

The American Traffic Safety Services Association

Hereby recognizes that

Laurence Lambert

has attended

Traffic Control Supervisor Refresher-LA State Specific Training Course

07/27/2018
Date

Baton Rouge, LA
Location

ATSSA
SAFER ROADS SAVE LIVES

Training & Products Dept. Director

President, CEO

 Prime consultant name: **Stantec Consulting Services Inc.**

Certificate of Training

this certifies that

Prasanth Malisetty

has successfully completed the training program requirements for

Online Flagger Certification Training Course

Awarded on this **29th** *day of* **January 2020**

The American Traffic Safety Services Association

Hereby recognizes that

Prasanth Malisetty

has attended

Traffic Control Technician-LA State Specific

Training Course

11/12/2019 to 11/12/2019

Date

Baton Rouge, LA

Location

ATSSA

Training & Products Dept. Director

President, CEO

The American Traffic Safety Services Association

Hereby recognizes that

Prasanth Malisetty

has attended

Traffic Control Supervisor-LA State Specific

Training Course

11/13/2019 to 11/14/2019

Date

Baton Rouge, LA

Location

ATSSA

Training & Products Dept. Director

President, CEO

 Prime consultant name**: Stantec Consulting Services Inc.**

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

May 8, 2018

To Whom It May Concern,

This is to verify that the below listed employee(s) of Vectura Consulting Services, LLC have successfully completed LADOTD required ATSSA traffic control training in Baton Rouge, LA.

LA Specific Traffic Control Supervisor Refresher – 4/11/2018 – Brin Ferlito

ATSSA Flagger Training – Brin Ferlito

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

If there are any questions regarding this issue, please contact Mr. Barry Lacy, P.E. of LADOTD at Headquarters in Baton Rouge, LA (225-379-1584) or Michael Demouy at the above captioned address.

Best Regards,

Michael Demouy – LAGC Manager

The American Traffic Safety Services Association

Hereby recognizes that

Brin Ferlito

has attended

Traffic Control Supervisor Refresher-LA State Specific

Training Course

4/13/18 to 4/13/18
Date

Baton Rouge, LA
Location

ATSSA
SAFER ROADS SAVE LIVES

Training & Products Dept. Director

President, CEO

 Prime consultant name**: Stantec Consulting Services Inc.**

Dear Certified Flagger:

Enclosed, please find your card signifying you as a Certified ATSSA Flagger. This card should be carried and presented to employers while performing work on our roadways. Please be aware that the card is not valid without a Photo I.D.

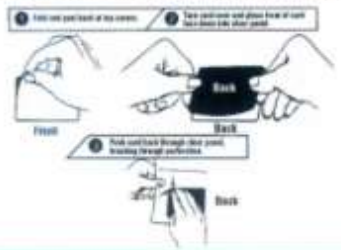
American Traffic Safety Services Association (ATSSA) commends you on your decision to become an ATSSA Certified Flagger. This distinction reflects that you have been trained by the "Leader in Roadway Safety" and also entitles you to be listed on our National Flagger Database. Please review your state requirements for expiration of your flagger card. Also, please inform us of any changes in name or address so we may keep our records up to date.

Once again, ATSSA thanks you for your dedication to ensuring that our work zones are safe and that lives will be saved with proper training. Please visit our website at www.atssa.com for additional training courses or for any of our products created for use in a work zone.

Sincerely,

Director of Training

Laminating the front of your card with Dual Laminate:



American Traffic Safety Services Association
15 Riverside Parkway, Suite 100 • Fredericksburg, VA 22406-1077
Office: 540-368-1701 • Toll-Free: 800-272-8772 • Fax: 540-368-1717
www.atssa.com


ATSSA
TRAINED
PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT
Kristen Farrington
has attended
Traffic Control Supervisor Refresher-LA State Specific
Training Course
4/5/2021 to 4/5/2025
Training Valid Through
Director of Training
Baton Rouge, LA
Location
President, CEO
ATSSA provides training and certification but neither constitutes employment by ATSSA.
ATSSA
American Traffic Safety Services Association ATSSA.com

ATSSA
SAFER ROADS SAVE LIVES

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Once again, ATSSA thanks you for your dedication to ensuring that our work zones are safe and that lives will be saved with proper training. Please visit our website at www.atssa.com for additional training courses and work zone safety products.

Sincerely,

Director of Training

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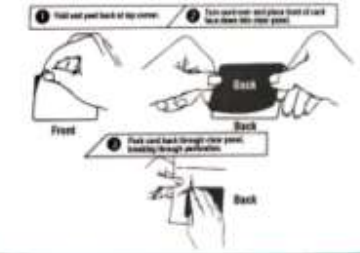

American Traffic Safety Services Association
15 Riverside Parkway, Suite 100 • Fredericksburg, VA 22406-1077
Office: 540-368-1701 • Toll-Free: 800-272-8772 • Fax: 540-368-1717
www.atssa.com

LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 12/06/2018 , the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. Bruce K. Dyson
42465 Jamie Street
Prairieville, LA 70769-622(

Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.

Disclaimer
All information provided by LAPELS on this web page, and on its other web pages and internet sites, is made available to provide immediate access for the convenience of interested persons. While LAPELS believes the information to be reliable, human or mechanical error remains a possibility, as does delay in the posting or updating of information. Therefore, LAPELS makes no guarantee as to the accuracy, completeness, timeliness, currency, or correct sequencing of the information. Neither LAPELS, nor any of the sources of the information, shall be responsible for any errors or omissions, or for the use or results obtained from the use of this information. Other specific cautionary notices may be included on other web pages maintained by LAPELS.

9643 Brookline Avenue, Suite 121 • Baton Rouge, Louisiana 70809-1433 • (225) 925-6291 • Fax (225) 925-6292 • www.lapels.com

LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 12/06/2018 , the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. Bruce K. Dyson
42465 Jamie Street
Prairieville, LA 70769-622(

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Disclaimer
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9643 Brookline Avenue, Suite 121 • Baton Rouge, Louisiana 70809-1433 • (225) 925-6291 • Fax (225) 925-6292 • www.lapels.com

The American Traffic Safety Services Association

Hereby recognizes that

Bruce Dyson

has attended

Traffic Control Supervisor-LA State Specific Training Course

02/28/2018
Date

New Orleans, LA
Location

ATSSA

Training & Products Dept. Director

President, CEO

The American Traffic Safety Services Association

Hereby recognizes that

Bruce Dyson

has attended

Traffic Control Technician-LA State Specific Training Course

02/27/2018
Date

New Orleans, LA
Location

ATSSA

Training & Products Dept. Director

President, CEO

 Prime consultant name: **Stantec Consulting Services Inc.**

 Prime consultant name**: Stantec Consulting Services Inc.**

LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 12/06/2018 , the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. Rhaoul Anthony Guilla
203 West Woodgate Cour
Baton Rouge, LA 70808-54

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 Prime consultant name**: Stantec Consulting Services Inc.**

LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 2/17/2022 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. John Francis Schexnayder
10403 North Carriage House Drive
Baton Rouge, Louisiana 70815

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 Prime consultant name**: Stantec Consulting Services Inc.**

LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 8/9/2021 , the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. Brian Searcy Smith
6390 Highway 412 East
Slaughter, LA 70777

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LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD

As of 12/06/2018 , the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. James Andrew Walsh
10219 Glen View Avenue
Baton Rouge, LA 70809-38

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The American Traffic Safety Services Association

Hereby recognizes that

James Walsh

has attended

Traffic Control Supervisor-LA State Specific

Training Course

2/6/2019 to 2/7/2019
Date

Baton Rouge, LA

ATSSA
SAFER ROADS SAVE LIVES

Training & Products Dept. Director

President, CEO

The American Traffic Safety Services Association

Hereby recognizes that

James Walsh

has attended

Traffic Control Technician-LA State Specific

Training Course

2/5/2019 to 2/5/2019
Date

Baton Rouge, LA

ATSSA
SAFER ROADS SAVE LIVES

Training & Products Dept. Director

 Prime consultant name**: Stantec Consulting Services Inc.**

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

If the advertisement requires submission of a QA/QC plan or Work plan, include them here. Otherwise, leave this section blank.

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**
Vectura Consulting Services, LLC	PO Box 14269 Baton Rouge, LA 70898	Sheelagh Brin Ferlito bferlito@vecturacs.com	(225) 223-6685
Gotech Inc.	8383 Bluebonnet Blvd, Baton Rouge, LA 70810	Rhaoul Guillaume, Sr., Rhaoul@gotech-inc.com	(225) 766-5358
Louisiana State University	3240R Patrick F. Taylor Hall Louisiana State University, Baton Rouge, LA 70803	Hany Hassan hassan1@lsu.edu	(225) 578-6588

(Add rows as needed)

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.