

**LOUISIANA DEPARTMENT  
OF  
TRANSPORTATION AND DEVELOPMENT**

## IDIQ CONTRACTS FOR SAFETY STUDIES

Contract Nos. 4400023689 and 4400023690



9029 Jefferson Highway, Suite 200  
Baton Rouge, LA 70809

*in association with*

**VECTURA**

February 22, 2022



# EVANS-GRAVES ENGINEERS, INC.

Engineering Consultants  
Est. 1954

John A. Graves, P.E., P.L.S. (1941-2021)  
Ashlyn A. Graves  
Gerald G. Menard, P.E.  
L.R. "Eric" Erikson, P.E.  
P. Stephen Lundgren, Jr., P.E.  
Jack Carr Morgan, P.E., P.L.S.  
Max O. Usrey, III, P.E., P.L.S.  
Keith M. Meyer, P.E.

Lisa A. Blanchard, P.E.  
Brett D. Blanchard, P.E., L.S.I.  
Stephen E. Wilson, Jr., P.E.  
Robert H. Brooks, III, P.L.S.  
Kevin D. Norman, P.L.A.  
Logan P. Betzer, E.I.  
Alexander J. Young, E.I.  
Zachary P. Hebert, E.I.

February 22, 2022

Department of Transportation and Development  
Attn: Darhlene Major  
Consultant Contract Services Administrator  
1201 Capital Access Road, Room 405-E  
Baton Rouge, Louisiana 70802

Re: IDIQ Contracts for Safety Studies  
Contract Nos. 4400023689 and 4400023690

Dear Ms. Major:

Evans-Graves Engineers, Inc. (EG) is pleased to submit our Letter of Interest and Standard Form 24-102 in response to your solicitation of January 31, 2022 requesting engineering and related services for safety studies at selected locations throughout the state of Louisiana (Contract Nos. 4400023689 and 4400023690). Evans-Graves has successfully performed feasibility studies and safety improvement projects for both LADOTD and local agencies and governments. As such, we believe that we are uniquely qualified to perform this work for LADOTD.

Within this submittal of qualifications, Evans-Graves personnel exceed the minimum manpower requirements and have recent and relevant LADOTD and similar experience to successfully complete this work on time and within budget. Notable firm and key personnel experience on similar projects demonstrates that Evans-Graves is well qualified for this work.

Evans-Graves Engineers, Inc. hereby commits its total resources and 68 years of experience to the DOTD. I pledge to you my personal commitment that our team can and will respond to the requirements of this assignment to provide you with a successful project. We believe we have earned your confidence and enjoy a professional relationship with LADOTD staff while completing our technical responsibilities with the highest quality standards attainable.

We appreciate the opportunity to respond to the LADOTD and look forward to working with you to accomplish all assigned tasks under this project. Thank you for your consideration.

Sincerely,  
**EVANS-GRAVES ENGINEERS, INC.**

Ashlyn A. Graves  
President

# **DOTD FORM: 24-102**


## **PROPOSAL TO PROVIDE CONSULTANT SERVICES**


(Revised June 1, 2021)

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	<b>IDIQ CONTRACTS FOR SAFETY STUDIES</b>
2. Contract number(s) as shown in the advertisement	4400023689 and 4400023690
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	 <b>EVANS-GRAVES ENGINEERS, INC.</b>
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	LA Licensed Professional Engineers – EF.0000300 LA Land Surveying Board – VF.0000050
6. Prime consultant mailing address	9029 Jefferson Hwy., Ste. 200 Baton Rouge, LA 70809
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	9029 Jefferson Hwy., Ste. 200 Baton Rouge, LA 70809
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Ashlyn A. Graves President (225) 926-1620 agraves@evans-graves.com

<p>9. Name, title, phone number, and email address of the official with signing authority for this proposal</p>	<p>Ashlyn A. Graves President (225) 926-1620 agraves@evans-graves.com</p>	
<p>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.</p>	<p>Signature (shall be the same person as #9):  Date: 2/22/2022</p>	
<p>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.</p>	<p><u>Firm(s):</u> N/A</p>	<p><u>Firm(s)' %:</u> N/A</p>

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

**Sub-consultants are allowed to be used for this proposal.** Fill in the table by identifying only those evaluation disciplines consistent with the approach and methodology proposed in Section 18 of the DOTD Form 24-102\*, the name of each firm that is part of the proposal, and the percentage of work in each past performance evaluation discipline to be performed by that firm. The percentage estimated for each evaluation discipline is for evaluation purposes only and will not control the actual performance or payment of the work. The percentages for the prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as the overall total percent of the contract. (Add rows and columns as needed)

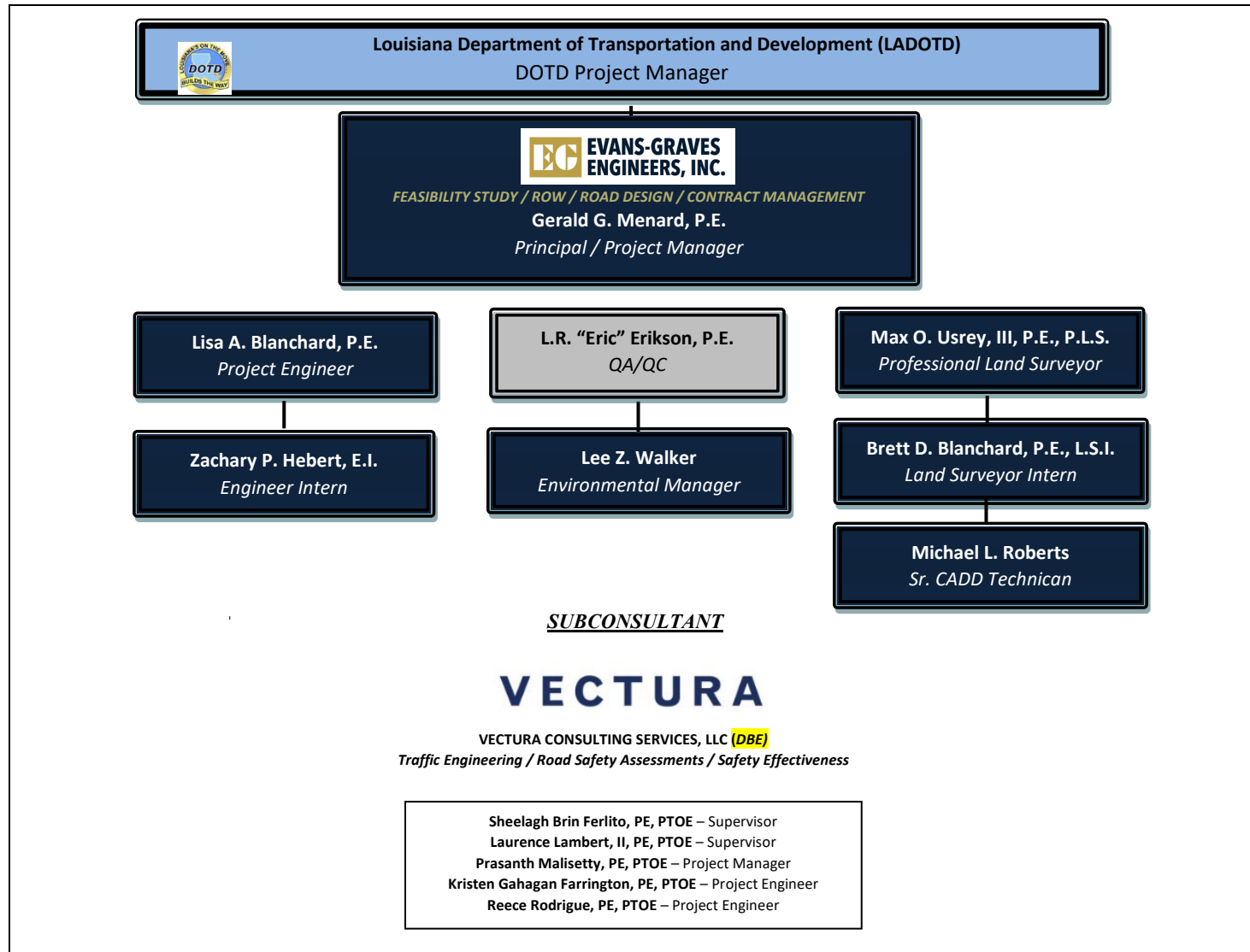
Evaluation Discipline(s)	% of Overall Contract	<b>EVANS- GRAVES ENGINEERS, INC.</b>	VECTURA CONSULTING SERVICES, LLC	Each Discipline must total to 100%
Road	50%	100%	0%	100%
Traffic	40%	0%	100%	100%
Environmental	10%	100%	0%	100%
Identify the percentage of work for the <b><u>overall contract</u></b> to be performed by the prime consultant and each sub-consultant.				
Percent of Contract	100%	60%	40%	



**13. Firm Size:**

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
<b>Evans-Graves Engineers, Inc.</b>	Principal	1	1
<b>Evans-Graves Engineers, Inc.</b>	Engineer	2	8
<b>Evans-Graves Engineers, Inc.</b>	Engineer Intern	1	3
<b>Evans-Graves Engineers, Inc.</b>	Environmental Manager	1	2
<b>Evans-Graves Engineers, Inc.</b>	Surveyor	1	2
<b>Evans-Graves Engineers, Inc.</b>	CADD Technician	1	1
<b>Evans-Graves Engineers, Inc.</b>	CADD-Operator	1	4
<b>Evans-Graves Engineers, Inc.</b>	Party Chief	0	2
<b>Evans-Graves Engineers, Inc.</b>	Rodman	0	3
<b>Vectura Consulting Services, LLC</b>	Supervisor – Eng	3	3
<b>Vectura Consulting Services, LLC</b>	Engineer	4	4

#### 14. Organizational Chart:




**15. Minimum Personnel Requirements:**


MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license / certification & number	State of license	License / certification expiration date
1	Gerald G. Menard, PE	Evans-Graves Engineers, Inc.	PE / 20437	LA	3/31/2023
2	Gerald G. Menard, PE Lisa A. Blanchard, PE	Evans-Graves Engineers, Inc. Evans-Graves Engineers, Inc.	PE / 20437 PE / 32916	LA LA	3/31/2023 3/31/2023
3	Gerald G. Menard, PE Lisa A. Blanchard, PE	Evans-Graves Engineers, Inc. Evans-Graves Engineers, Inc.	PE / 20437 PE / 32916	LA LA	3/31/2023 3/31/2023
4	Sheelagh Brin Ferlito, PE, PTOE  Laurence L. Lambert, II, PE, PTOE, PTP  Prasanth Malisetty, PE, PTOE, PTP, RSP1  Kristen G. Farrington, PE, PTOE  Reece Rodrigue, PE, PTOE	Vectura Consulting Services, LLC  Vectura Consulting Services, LLC  Vectura Consulting Services, LLC  Vectura Consulting Services, LLC  Vectura Consulting Services, LLC	PE / 25383 PTOE 932  PE / 29901 PTOE 1303  PE / 35792 PTOE 3073  PE / 41272 PTOE 4863  PE / 42785 PTOE 4508	LA  LA  LA  LA  LA	9/30/2023 9/9/2024  3/31/2024 2/3/2025  3/31/2023 7/20/2023  3/23/2023 3/26/2023  3/31/2024 7/17/2022




## 16. Staff Experience:

Firm employed by Evans-Graves Engineers, Inc.				
Name		<b>Gerald G. Menard, P.E.</b>	Years of relevant experience with this employer	31
Title	Principal / Chief Transportation Engineer		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization			BS / 1978 / Civil Engineering	
Active registration number / state / expiration date			PE.0020437 / Louisiana / 3/31/2023	
Year registered	1983	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			Project Management / Contract Management	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
01/13 – Present	<b>LA 52 Feasibility Study and Complete Streets Improvements, St. Charles Parish, LA</b> As Project Manager, Mr. Menard is responsible for the performance of <b>preliminary</b> and <b>final design</b> as part of the redesign of LA 52 using LADOTD’s <b>Complete Streets</b> approach for associated drainage improvements, landscaping, and construction of a multi-use pathway and ADA-compliant pedestrian sidewalk. Project involves engineering and design and all related supplemental services for drainage improvements and Complete Streets services along LA 52. This project was partially grant funded and is being designed in accordance with FHWA design standards			
05/13 - Present	<b>Mall of Louisiana Blvd. (formerly Picardy-Perkins Connector), East Baton Rouge Parish, LA</b> Mr. Menard serves as Project Manager for an <b>urban roadway</b> project that will connect Perkins Road (LA 427) to Mall of Louisiana Boulevard/I-10 Interchange, and is intended to <b>relieve traffic congestion</b> on Bluebonnet Blvd. Mr. Menard is overseeing the design of the <b>four-lane curb-and-gutter project</b> , which has included a <b>design study</b> and the preparation of <b>preliminary</b> and <b>final plans</b> . Additional project features include a raised median, sidewalks, a <b>new bridge crossing</b> at Dawson Creek, and an underpass at the Kansas City Southern (KCS) railroad. Project consists of approximately 1 mile of roadway, 3 roadway bridges, a railroad underpass, a stormwater pumping station, retaining walls, and a railroad bridge.			

06/02 - 10/21	<p><b>South Choctaw Drive Widening and Intersection Improvements (Flannery Road to Central Thruway), Baton Rouge, LA</b></p> <p>Project Manager for Phase I design to produce construction plans for a <b>2 lane roadway widened to 4 lanes</b> with <b>intersection improvements</b> at South Choctaw and North Flannery. Tasks completed by Mr. Menard include <b>alignment and turn lanes geometry, grading &amp; geometric layouts, and quantity calculations.</b></p>
07/17 – Present	<p><b>Germany Road (US 61 – LA 44) Safety Widening, Ascension Parish, LA</b></p> <p>Mr. Menard serves as project manager and lead design engineer. Services performed by Mr. Menard have included <b>oversight of survey personnel</b>, preparation of <b>preliminary and final roadway plans and specifications</b>, development of <b>right-of-way maps</b>, and <b>construction engineering and inspection.</b></p>
06/14 - Present	<p><b>H.004957: I-12 to Bush, LA 3241 (I-12 – LA 36), St. Tammany Parish (LADOTD)</b></p> <p>Project manager and lead design engineer for the LADOTD's I-12 to Bush roadway project. Mr. Menard has performed design oversight and QC checking for <b>typical roadway sections</b> including <b>roadway and intersection horizontal geometry and vertical profile</b> with super elevation details, including five (5) roundabouts to be constructed on an existing roadway involving <b>complex construction phasing considerations.</b> The project consists of approximately 6 miles of roadway. The first 2.5 miles of the project involves <b>widening</b> the roadway from <b>two lanes to four lanes</b> along the existing alignment of LA 434. The remaining 3.5 miles of the project consists of designing a four-lane divided roadway on a new alignment.</p>
05/14 – 03/18	<p><b>US 190 Superstreet Conversion, St. Tammany Parish, LA (LADOTD)</b></p> <p>Mr. Menard served as the supervising engineer for the US 190 Superstreet project in St. Tammany Parish, which converted approximately three (3) miles of an existing six (6) lane urban arterial into a Superstreet through the elimination of full-access median openings (i.e., crossovers) and replacing them with directional left turns and u-turns on the arterial. This work was performed under a LADOTD retainer contract for traffic engineering services.</p>
12/03 – 03/11	<p><b>700-30-0051: US 167 (Winnfield to LA 1236), Winn Parish, LA (LADOTD)</b></p> <p>EG prepared both <b>preliminary and final construction plans</b> for seven miles of US 167 in Winn Parish. Project generally consisted of <b>adding two lanes to the existing two lanes</b> which remained. The existing two lanes were converted to one-way traffic upon project completion. Developed <b>typical roadway sections and detailed pavement structure (designed by LADOTD)</b> for the designated Roadway Classification. Typical Sections included alternatives for both asphalt and concrete pavement. Performed <b>QC checking of horizontal geometry, vertical profile, and geometric details.</b> Performed <b>QC checking</b> of comprehensive drainage design including estimation of drainage areas, computation of peak runoff, and selection of most economical cross drain culverts. Reviewed ditch grades, limits of construction, and recommended right-of-way.</p>


Firm employed by Evans-Graves Engineers, Inc.				
Name	 <b>Lisa A. Blanchard, P.E.</b>		Years of relevant experience with this employer	16
Title	Transportation Engineer		Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization			BS / 2002 / Civil Engineering	
Active registration number / state / expiration date			PE.0032916 / Louisiana / 3/31/2023	
Year registered	2007	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			Project Engineer	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
05/13 - Present	<b>Mall of Louisiana Blvd. (formerly Picardy-Perkins Connector), East Baton Rouge Parish, LA</b> Project Engineer. Ms. Blanchard assisted in preparation of <b>roadway plans</b> including the generation of the <b>pavement marking layout</b> and the <b>joint layout sheets</b> and updates to the <b>geometric layouts</b> . Also prepared <b>plans</b> for the realignment of Pecue Lane at Perkins Road as part of <b>intersection improvements</b> . The project scope included the design of a <b>four lane, curb and gutter urban collector with enclosed drainage system</b> that would connect Perkins Road with the Mall of Louisiana Boulevard. Design work included <b>horizontal</b> and <b>vertical geometry</b> and <b>drainage</b> . The project includes <b>safety-related improvements</b> to a portion of Perkins Road, including <b>access management</b> , removing continuous left turn lanes and replacing with <b>back to back curbs</b> , and adding <b>designated pedestrian crossings</b> along portions of the roadway that did not previously have designated areas for pedestrian access.			
07/17 – Present	<b>Germany Road (US 61 – LA 44) Safety Widening, Ascension Parish, LA</b> Project Engineer under a task order based contract to provide professional engineering services for roadway projects to improve traffic congestion in Ascension Parish. Ms. Blanchard is currently performing <b>roadway engineering</b> and <b>design</b> under a task order for <b>safety widening</b> of approximately 9,000 feet of Germany Road between US 61 (Airline Highway) to LA 44. Each lane is being widened to 11’ with 2’ paved shoulders and all side ditches are being regraded to provide 4:1 foreslopes over the entire project length. The project has <b>multiple funding sources</b> and requires <b>LADOTD oversight</b> and <b>involvement</b> .			
06/14 - Present	<b>H.004957: I-12 to Bush, LA 3241 (I-12 – LA 36), St. Tammany Parish (LADOTD)</b> Design Engineer for <b>preliminary plans</b> of approximately <b>six miles</b> of <b>urban</b> and <b>rural roadway</b> on an <b>existing</b> and <b>new alignment</b> . Provided <b>typical roadway sections</b> including details for <b>pavement structure (designed by LADOTD)</b> to comply with designated Roadway Classifications. Established <b>roadway</b> and <b>intersection</b>			

	<p><b>horizontal geometry and vertical profile</b> including super elevation details. Design Engineer for <b>five (5) roundabouts</b> to be constructed on an <b>existing roadway</b> and involving <b>complex construction phasing considerations</b>. Performed <b>drainage design</b> using the LADOTD HYDR software including estimation of drainage areas, computation of peak runoff, and selection of most economical cross drains. Developed <b>roadway templates</b> using Microstation InRoads to create cross sections over the length of the project.</p>
04/18 – 08/21	<p><b>US 61 and Germany Road Intersection Improvements, Ascension Parish, LA</b>  Project Engineer. Ms. Blanchard was responsible for the design of <b>preliminary and final roadway plans and specifications</b>, in addition to providing <b>project oversight</b>. Project involved the design of <b>safety and roadway improvements</b> at the <b>intersection</b> of <b>US 61 and Germany Road</b>. The project included the <b>reconfiguration of the existing intersection</b> to include Left turn, Through, and Right turn lanes from Germany Rd. onto US 61, as well as a through lane from Duplessis Rd. across US 61 onto Germany Rd.</p>
05/14 – 03/18	<p><b>US 190 Superstreet Conversion, St. Tammany Parish, LA (LADOTD)</b>  Project Engineer. Duties performed by Ms. Blanchard included the development of <b>preliminary and final plans</b>, including <b>typical roadway sections</b> that included details for <b>pavement structure (designed by LADOTD)</b> to comply with designated Roadway Classifications, establishment of <b>roadway and intersection horizontal geometry and vertical profile, quantity determination</b>, performance of <b>QC on drainage design</b>, and <b>sequence of construction</b> design for each project. The design team <b>overcame multiple design challenges</b> such as the exact placement of the median openings due to the congestion of businesses on the route, the median drainage design, and the complex sequence of construction through an urban, heavily traveled arterial highway. Design also included the use of the <b>AutoTurn program</b> to create turning templates to ensure adequate room for turning movements.</p>
12/03 – 03/11	<p><b>700-30-0051: US 167 (Winnfield to LA 1236), Winn Parish, LA (LADOTD)</b>  As Project Engineer, Ms. Blanchard developed <b>typical roadway sections and detailed pavement structure (designed by LADOTD)</b> for the designated Roadway Classification. Typical Sections included <b>alternatives</b> for both <b>asphalt and concrete pavement</b>. She also set <b>vertical and horizontal geometry</b> and provided <b>intersection geometric details</b>. Ms. Blanchard also contributed to the <b>comprehensive drainage design</b> for the project including estimation of drainage areas, computation of peak runoff, and selection of most economical cross drain culverts. Assisted in the development of <b>ditch grades</b>, determining <b>limits of construction</b>, and recommended <b>right-of-way</b>. Coordinated design work with KCS Railroad, which parallels and crosses the project.</p>


Firm employed by Evans-Graves Engineers, Inc.			
Name	 <b>L.R. "Eric" Erikson, P.E.</b>	Years of relevant experience with this employer	18
Title	Chief of Operations	Years of relevant experience with other employer(s)	5
Degree(s) / Years / Specialization		MS / 2003 / Engineering & Technology Management BS / 1999 / Civil Engineering	
Active registration number / state / expiration date		PE.0031061 / Louisiana / 3/31/2024	
Year registered	2004	Discipline	Civil Engineer
Contract role(s) / brief description of responsibilities		QA/QC	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
06/02 - 10/21	<b>South Choctaw Drive Widening and Intersection Improvements (Flannery Road to Central Thruway), Baton Rouge, LA</b> Mr. Erikson served as Project Manager and lead design engineer for Phase II of the South Choctaw Drive project, which involved <b>roadway widening</b> and <b>drainage improvements</b> for an <b>existing two (2) lane arterial roadway</b> in East Baton Rouge Parish. His responsibilities included <b>oversight</b> and <b>management</b> of <b>topographic surveys</b> and <b>engineering design</b> .		
05/13 - Present	<b>Mall of Louisiana Blvd. (formerly Picardy-Perkins Connector), East Baton Rouge Parish, LA</b> Project Engineer. Mr. Erikson served as Project Engineer on the realignment and <b>widening</b> of Pecue Lane for the future expansion and interstate interchange and the addition of <b>turn lanes</b> to the Pecue Lane / Perkins Road Intersection. Duties include conceptual drawings, preliminary, and final plans for the designed <b>intersection improvements</b> .		
2006 - 2008	<b>LA 3095 Improvements, Grand Pointe Development, Lafayette, LA</b> Mr. Erikson served as Project Manager/Project Engineer for the design of a new subdivision in Lafayette, LA, which included associated <b>roadway improvements</b> to LA 3095. The project is an approx. 116 acre mixed use development consisting of approx. 340 single family home sites, 360 Multi-family homes, offices, retail and other commercial uses. As Project Manager, Mr. Erikson has designed and performed <b>QA/QC</b> of <b>grading</b> , <b>internal roadways</b> , extensive off-site traffic improvements, sanitary sewer collection system, off-site sanitary sewer transmission system, and the coordination of multiple <b>utilities</b> .		

Firm employed by Evans-Graves Engineers, Inc.			
Name	Zachary P. Hebert, E.I.		Years of relevant experience with this employer
Title	Engineer Intern		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization		BS / 2020 / Civil Engineering	
Active registration number / state / expiration date		EI.0034514 / Louisiana / 9/30/2022	
Year registered	2020	Discipline	Engineer Intern
Contract role(s) / brief description of responsibilities		Engineer Intern	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
07/20 – Present	<b>Germany Road (US 61 – LA 44) Safety Widening, Ascension Parish, LA</b> Mr. Hebert serves as an engineer intern on this project for the <b>redesign</b> of the US 61 and Germany Road <b>intersection</b> as part of Ascension Parish’s <b>Move Ascension Program</b> , which includes the addition of dedicated <b>right</b> and <b>left turn lanes</b> on Germany Road, along with <b>subsurface drainage</b> . Services performed by Mr. Hebert include <b>quantity</b> and <b>drainage calculation checks</b> .		
07/20 – Present	<b>LA 52 Feasibility Study and Complete Streets Improvements, St. Charles Parish, LA</b> Mr. Hebert serves as an engineer intern on this project for the redesign of LA 52 using the LADOTD’s <b>Complete Streets</b> approach for associated <b>drainage improvements</b> , <b>landscaping</b> , and construction of a <b>multi-use pathway</b> and <b>ADA-compliant pedestrian sidewalk</b> . Services performed by Mr. Hebert have included <b>preliminary research</b> of the area, <b>storm drain inlet spacing</b> , and <b>subsurface storm drainage</b> for one of the 0.8-mile long project phases. This project is partially grant funded and is being designed in accordance with FHWA design standards.		
04/21 - Present	<b>North Blvd. Corridor Enhancement (I-110 to Foster/Florida), Baton Rouge, LA</b> Mr. Hebert serves as an engineer intern on this project and has performed <b>flood stage</b> and <b>watershed determinations</b> for Ward Creek and a <b>watershed determination</b> for Cloud Canal as part of EG’s design work on the project. This MOVEBR project involves the design of <b>corridor improvements</b> including <b>Complete Streets</b> mobility improvements for approximately 2.65 miles of roadway from Interstate 110 to Florida Blvd.		
07/20 - Present	<b>H.004957: I-12 to Bush, LA 3241 (I-12 – LA 36), St. Tammany Parish (LADOTD)</b> Engineer intern for <b>preliminary plans</b> of approximately <b>six miles</b> of <b>urban</b> and <b>rural roadway</b> on an <b>existing</b> and <b>new alignment</b> . Services provided by Mr. Hebert include <b>quantity</b> and <b>calculation checks</b> for the <b>bridge</b> and <b>roadway</b> , <b>ditch geometry design</b> , and <b>cross drain analysis and design</b> .		

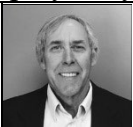


Firm employed by Evans-Graves Engineers, Inc.			
Name	 <b>Max O. Usrey, III, P.E., P.L.S.</b>	Years of relevant experience with this employer	28
Title	Professional Land Surveyor	Years of relevant experience with other employer(s)	17
Degree(s) / Years / Specialization		BS / 1979 / Civil Engineering	
Active registration number / state / expiration date		PE.0020762 / Louisiana / 9/30/2023	
Year registered	1983	Discipline	Civil Engineer
Active registration number / state / expiration date		PLS.0004737 / Louisiana / 9/30/2023	
Year registered	1994	Discipline	Professional Land Surveyor
Contract role(s) / brief description of responsibilities		Professional Land Surveyor	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
08/15 – 08/18	<b>LADOTD Survey Retainer for Districts 02, 61, and 62 (LADOTD)</b> <b>Contract Manager/Project Surveyor/QA/QC.</b> Manager of task order driven retainer contract for roadway surveying services for LADOTD. Provided the LADOTD with <b>property surveys</b> and <b>right-of-way maps</b> in Ascension, St. John the Baptist, Lafourche, Iberville, East Feliciana, Livingston, and Jefferson Parishes. Surveys have been used for <b>road realignments, bridge replacements, intersection improvements, and widenings</b> of various roadway sections across the state.		
07/11 – 03/18	<b>LADOTD Survey Retainer Statewide (LADOTD)</b> Manager of task order driven retainer contract for <b>property surveys, right-of-way maps</b> and <b>title take-off</b> for roadway surveying services Statewide.		
04/19 – 09/19	<b>Comite River Diversion Canal, Right-of-Way Mapping and Property Surveys, East Baton Rouge, LA</b> As project manager, Mr. Usrey supervised all phases of this task including <b>title work</b> coordination and reconciliation, coordination and reconciliation of <b>property surveys</b> , coordination and supervision of the <b>mapping production</b> and provided <b>quality control / checking</b> of the <b>final right of way maps</b> . Project involved the performance of <b>property surveys</b> of 7.8 miles of corridor from LA Hwy 19 to the Mississippi River in East Baton Rouge Parish, which encompasses approximately 60 separate tracts of land ranging from small residential lots to large undeveloped tracts. This project was conducted on a short schedule of only 70 days and was expanded to also include the <b>right-of-way mapping</b> for the corridor. Mr. Usrey also was the primary point of contact for the LADOTD for all matters concerning this project.		

02/18 – 06/20	<b>LADOTD Survey Retainer Statewide (LADOTD)</b> Manager of task order driven retainer contract for <b>property surveys, right-of-way maps, and title take-off</b> for roadway surveying services Statewide, with the majority of work in Districts 02, 61, and 62. Surveys performed to date have been used for road realignments, interchanges, and roundabouts.
09/11 – 06/20	<b>Read Blvd. East Neighborhood, New Orleans, LA</b> <b>Project Surveyor/QA/QC.</b> Mr. Usrey performed oversight of topographic and <b>boundary surveys</b> for approximately 6 miles of <b>damaged roadway, curbs, sidewalks, driveways, and handicap ramps</b> in Orleans Parish, LA as part of the City of New Orleans, DPW's Read Blvd. East Neighborhood project. Surveys included <b>utilities, drainage,</b> and topographic features for this multi-phased, FEMA funded, roadway repair and replacement project, which also includes the design of new ADA-compliant sidewalks. Project involved significant coordination between the City of New Orleans DPW, S&WBNO, and FEMA.
01/16 – 08/17	<b>River Reintroduction into the Maurepas Swamp (LADOTD)</b> <b>Project Surveyor/Project Engineer/QA/QC.</b> Mr. Usrey performed topographical surveys, <b>right-of-way surveys, roadway and bridge plans,</b> and specs including temporary detour road. The project diverts 1,500 cfs river water through a diversion structure in the Mississippi River levee into a 5-mile outflow channel, and into Maurepas Swamps.
12/03 – 03/11	<b>Route US 167 (Winnfield to LA 1236) (LADOTD)</b> <b>Project Surveyor/QA/QC.</b> Mr. Usrey supervised topographic and <b>property surveys</b> for the project and prepared <b>right-of-way maps</b> for the <b>widening</b> of approximately <b>seven (7) miles</b> of an <b>existing 2-lane roadway</b> in Winn Parish to a <b>4-lane divided roadway</b> that included bridges over the Dugdemona River and the KCS Railroad.


Firm employed by Evans-Graves Engineers, Inc.			
Name	 <b>Brett D. Blanchard, P.E., L.S.I.</b>	Years of relevant experience with this employer	18
Title	Civil Engineer / Land Surveyor Intern	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		BS/ 2004 / Civil Engineering	
Active registration number / state / expiration date		PE.0034695 / Louisiana / 9/30/2023	
Year registered	2009	Discipline	Civil Engineer
Active registration number / state / expiration date		LSI.0000516 / Louisiana / 9/30/2023	
Year registered	2006	Discipline	Land Surveyor Intern
Contract role(s) / brief description of responsibilities		Land Surveyor Intern	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
2014 – 2018	<b>S.P. No. H008369: LA 11, St. Tammany Parish, LA (LADOTD)</b> Mr. Blanchard served as Land Surveyor Intern and provided the LADOTD with property survey and right-of-way maps for 0.14 miles for the construction of a roundabout at Cleo Road in St. Tammany Parish, LA.		
2014 – 2018	<b>S.P. No. H.010924: LA 75, Iberville Parish, LA (LADOTD)</b> Mr. Blanchard served as Land Surveyor Intern and provided the LADOTD with property survey and right-of-way maps for 0.3 miles for the construction of two roundabouts and realignment of LA 992-3 and Enterprise Boulevard in Iberville Parish, LA.		
2014	<b>S.P. No. H.008411: LA 660, Terrebonne Parish, LA (LADOTD)</b> Mr. Blanchard served as Land Surveyor Intern and proved the LADOTD with property survey and right-of-way maps for 0.12 miles for the replacement of a bridge over Bayou Terrebonne in Terrebonne Parish, LA.		
2013 - 2017	<b>S.P. Nos. 249-90-0041, 826-39-0090, and 826-48-0005: LA 45, LA 302, and LA 3257, Jefferson Parish, LA (LADOTD)</b> Mr. Blanchard served as Land Surveyor Intern and provided the LADOTD with a property survey and right-of-way maps for 2.2 miles for the widening of LA 45 and construction of a bridge over LA 302 over Bayou Barataria with a connection to LA 3257.		

2013	<b>S.P. No. H.000466: LA-US 190, Livingston Parish, LA (LADOTD)</b> Mr. Blanchard served as Land Surveyor Intern and provided the LADOTD with a property survey and right-of-way maps for 0.4 miles for the construction of a roundabout and the realignment of Eden Church Road in Livingston Parish, LA.
01/12 – 02/13	<b>S.P. No. H.003790: LA 930, Ascension Parish, LA (LADOTD)</b> Mr. Blanchard served as Land Surveyor Intern and provided the LADOTD with a property Survey and right-of-way maps for 1.7 miles for the widening and realignment of LA 930 in Ascension Parish, LA

Firm employed by Evans-Graves Engineers, Inc.			
Name	 <b>Michael L. Roberts</b>	Years of relevant experience with this employer	27
Title	Sr. CADD Technician	Years of relevant experience with other employer(s)	15
Degree(s) / Years / Specialization		N/A	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Sr. CADD Technician	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
09/11 – 06/20	<b>Read Blvd. East Neighborhood, New Orleans, LA</b> <b>Sr. CADD Technician.</b> Mr. Roberts performed CADD work for the topographic and <b>boundary surveys</b> for approximately 6 miles of damaged roadway, curbs, sidewalks, driveways, and handicap ramps in Orleans Parish, LA as part of the City of New Orleans, DPW’s Read Blvd. East Neighborhood project. Surveys have included utilities, drainage, and topographic features for this multi-phased, FEMA funded, roadway repair and replacement project, which also includes the design of new ADA-compliant sidewalks. Project involved significant coordination between the City of New Orleans DPW, S&WBNO, and FEMA.		
04/19 – 09/19	<b>Comite River Diversion Canal, Right-of-Way Mapping and Property Surveys, East Baton Rouge, LA (LADOTD)</b> <b>Sr. CADD Technician.</b> Mr. Roberts performed multiple tasks including title work examination and <b>boundary/right-of-way determination, field crew coordination and data processing of property surveys, property survey submittals</b> , and production of the <b>final right of way maps</b> . Mr. Roberts also served as the CADD conform manager and drafting supervisor for all LADOTD submittals in this task.		
09/13 – 07/14	<b>S.P. No. H.009012: LA 10 &amp; LA 67 Intersection Widening, East Feliciana Parish, LA (LADOTD)</b> As Sr. CADD Technician, Mr. Roberts prepared <b>property survey and right-of-way maps</b> for intersection improvements in Clinton, LA.		
07/12 – 08/14	<b>S.P. No. H.002333: Bayou Paul Bridge – LA 327, Iberville, Parish, LA (LADOTD)</b> As Sr. CADD Technician, Mr. Roberts prepared <b>property survey and right-of-way maps</b> for 0.17 miles for the replacement of a bridge over Bayou Paul.		

2014 – 2018	<b>S.P. No. H008369: LA 11, St. Tammany Parish, LA (LADOTD)</b> As Sr. CADD Technician, Mr. Roberts performed CADD work for <b>property survey</b> and <b>right-of-way maps</b> for 0.14 miles for the construction of a roundabout at Cleo Road in St. Tammany Parish, LA.
2014 – 2018	<b>S.P. No. H.010924: LA 75, Iberville Parish, LA (LADOTD)</b> As Sr. CADD Technician, Mr. Roberts performed CADD work for <b>property survey</b> and <b>right-of-way maps</b> for 0.3 miles for the construction of two roundabouts and realignment of LA 992-3 and Enterprise Boulevard in Iberville Parish, LA.
2013 – 2017	<b>S.P. Nos. 249-90-0041, 826-39-0090, and 826-48-0005: LA 45, LA 302, and LA 3257, Jefferson Parish, LA (LADOTD)</b> As Sr. CADD Technician, Mr. Roberts performed CADD work for <b>property survey</b> and <b>right-of-way maps</b> for 2.2 miles for the widening of LA 45 and construction of a bridge over LA 302 over Bayou Barataria with a connection to LA 3257.



Firm employed by Evans-Graves Engineers, Inc.			
Name	 <b>Lee Z. Walker</b>	Years of relevant experience with this employer	16
Title	Environmental Manager	Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization		MS / 2003 / Environmental Studies BS / 1999 / Ecology, Evolution and Organismal Biology	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Environmental Manager	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
02/14 – 10/14	<b>LA 52 Feasibility Study and Complete Streets Improvements Environmental Manager.</b> As part of the project’s <b>Feasibility Study</b> for the Regional Planning Commission (RPC), Ms. Walker completed a preliminary <b>Environmental Site Assessment</b> to determine the <b>scope</b> and <b>significance</b> of <b>environmental impacts</b> that would be caused by the proposed action. Resources included in the impact study included <b>land use, traffic patterns, demographics, environmental justice, cultural &amp; archeological resources, recreational resources, noise, hazardous, toxic and radioactive waste, air quality, wetlands, floodplains, water quality, soils and prime farmland, coastal zone vegetation and wildlife, and threatened and endangered species.</b> Because the impact analysis demonstrated that all impacts would be <b>de minimus</b> , the Environmental Site Assessment was converted into a <b>Documented Categorical Exclusion</b> .		
06/15 – 11/17	<b>Southeast Louisiana Flood Protection Authority-West (SLFPA-W) IDIQ, Flood Protection Engineering, Jefferson Parish, LA</b> <b>Environmental Manager.</b> Ms. Walker was responsible for the development of <b>Environmental Site Assessments (ESA)</b> for levee lifts to the HSDRRS storm risk reduction system, including assessment of <b>existing site conditions</b> and <b>impacts</b> of the proposed actions; consultation with the <b>U.S. Fish and Wildlife Service</b> ; <b>air quality</b> and <b>noise impact assessments</b> ; completion of <b>Joint Permit applications</b> ; development of <b>public notices</b> ; and coordination with USACE personnel on ESA review.		
02/06 – 06/12	<b>USACE Environmental and Regulatory Compliance, HSDRRS, New Orleans, LA</b> Ms. Walker was responsible for managing the <b>environmental compliance program</b> for Hurricane and Storm Damage Risk Reduction System (HSDRRS) projects, serving on the Project Delivery Team (PDT) for the project. As the <b>environmental representative</b> on these PDTs, Ms. Walker provided technical input on the ways that environmental compliance and permitting could impact <b>cost, schedule, design, and project execution.</b> She		

	was also responsible for the preparation of <b>environmental reports</b> such as <b>NEPA documents</b> (as per <b>40 CFR Part 1500</b> ), <b>404 (b)(1)</b> evaluations, <b>Endangered Species Act</b> coordination letters, <b>Notices of Intent</b> for coverage under <b>NPDES permits</b> , applications for <b>Water Quality Certifications</b> , and <b>Coastal Zone Management Plan consistency determinations</b> .
12/21 – Present	<b>Louisiana International Terminal (LIT), Port of New Orleans, Violet, LA</b> <b>Environmental Manager.</b> Ms. Walker serves on the Port’s <b>Program Management team</b> and is responsible for the management and oversight of the Port’s <b>environmental compliance</b> and <b>permitting activities</b> as part of the design and construction of the Louisiana International Terminal—a new \$1.5 billion container terminal located on the banks of the Mississippi River in Violet, Louisiana.
11/13 - Present	<b>Textron Marine and Land Systems, Expansion of Slidell Facilities, City of Slidell, LA</b> <b>Environmental Manager.</b> Ms. Walker performed an <b>Environmental Site Assessment</b> of the site and coordinated with <b>wetland delineators</b> and the USACE to obtain <b>jurisdiction determinations</b> for properties containing wetlands, including a site with a permit violation from the previous landowner. She successfully obtained <b>Section 404 permits</b> from the USACE to construct two expansions of the Textron manufacturing facility, including <b>negotiation</b> for and <b>purchase of mitigation bank credits</b> . Ms. Walker continues to consult the project team on all environmental aspects of the project’s design and construction.
04/17 – 08/19	<b>Environmental Planning Services, Ascension Parish School Board, Gonzales, LA</b> <b>Environmental Manager.</b> Ms. Walker was responsible for overseeing the <b>environmental permitting process</b> for five (5) proposed Ascension Parish School Board projects ranging from \$5M to \$20M. Her duties included developing <b>environmental permit work flow paths</b> , <b>permitting schedules</b> , and <b>permit applications</b> ; management of <b>wetland delineators</b> and <b>cultural resource surveyors</b> ; <b>coordination with A/E firms</b> to gather design details for permit applications; coordination and purchase of <b>mitigation bank credits</b> , and <b>consultation</b> with regulatory agencies.

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>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
07/19 – current	<b>H.004791 DOTD Belle Chasse Bridge &amp; Tunnel Replacement PPP (Belle Chasse, LA)</b> 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 <b>traffic signal plans and timings</b> 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	<b>H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish)</b> 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 <b>temporary traffic signal plans</b> 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	<b>H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish)</b> 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 <b>signal timing plans</b> for each phase of the construction to maintain progression along LA 30.			
07/18 – 04/19	<b>LA 1 Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Design West Baton Rouge Parish (Addis, LA)</b> 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, <b>crash analyses</b> , intersection analyses <b>and progression analyses</b> . The signal plans included pedestrian signal equipment, <b>signal timing parameter calculations</b> , 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	<b>US 11 at US 190 Bus. (Fremaux Ave.) Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Equipment Design (Slidell, LA)</b> 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 <b>developed signal timing for pedestrians</b> to cross the street.			
02/08 – 04/16	<b>CE&amp;I for EBR Traffic Signal Systems Phase IV and Phase VA Construction SPN 013-05-0043 and H.001609.6 (Baton Rouge, LA)</b> Brin was the project resident engineer for the construction of <b>66 traffic signals</b> 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	<b>H.002301 Signal Design for N. Sherwood Forest Dr. Widening Project (Baton Rouge, LA)</b> As the project engineer, Brin <b>designed three signalized intersections</b> 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	<b>S.P. 700-99-0477 Jefferson Hwy. Signal Design (Baton Rouge, LA)</b> Ms. Ferlito 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 <b>traffic signal synchronization signal timing</b> and pedestrian signal timing. She prepared estimated quantities, preliminary and final signal construction plans and specifications.
03/05 – 11/05	<b>Airline Hwy Widening SPN 700-99-0332 (Baton Rouge, LA)</b> Brin designed 8 traffic signals as part of the Airline Hwy. widening project in Baton Rouge. Her design included traffic signal equipment, <b>signal synchronization timing</b> , fiber communication, storage length calculations based on queues analyses, special provision specifications, quantities, and cost estimate. This project included fiber design to be the first Baton Rouge project to connect video surveillance images and traffic controller information to the ATM / EOC.
02/03 – 01/04	<b>EBR Traffic Signal Systems Phases IV and V SPN 700-17-0172 (Baton Rouge, LA)</b> Brin was the project engineer for the <b>design of 66 signalized intersections</b> on eight arterials in Baton Rouge which included traffic signal equipment, pedestrian crosswalk equipment, emergency vehicle and railroad preemption equipment, fiber interconnect equipment as well as traffic signal synchronization. Brin prepared traffic signal construction plans, estimated quantities, and specifications.

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>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
10/17 - 10/18	<b>H.013025 LA 182 (University Avenue) Corridor Planning Study (Lafayette, LA)</b> Laurence was the lead transportation engineer for a <b>Corridor Planning Study</b> 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 <b>develop growth rates and design year volumes</b> . 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 <b>safety analyses</b> 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	<b>STPN 17-023 Stage 0 Judge Tanner Boulevard at N. Causeway Roundabout Study (St. Tammany Parish, LA)</b> Laurence developed a <b>Stage 0</b> 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	<b>H.004490 Stage 0 Roundabout Studies, (Lafayette Parish, LA)</b> Laurence performed a <b>Stage 0 Feasibility Study</b> 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, <b>collected 7-day, 24-hour counts w/ classification, turning movement counts for peak periods and speed data for mainlines</b> . Once the traffic data was collected, Laurence performed <b>traffic signal warrants analyses</b> , 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	<b>H.004957.5 I-12 To Bush - LA 3241 (I-12 – LA 36) Corridor Study (St. Tammany Parish, LA)</b> Laurence was the lead traffic engineer for a <b>DOTD traffic study</b> 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, <b>collected 7-day, 24-hour counts w/ classification on mainlines, turning movement counts for morning and evening peak periods and speed data for mainlines</b> . Laurence also developed a VISSIM <b>traffic simulation model</b> of the preferred alternative.			
01/17 – 07/17	<b>H.972216.1 Stage 0 Feasibility Minnesota Park Road Improvements (Tangipahoa Parish, LA)</b> Laurence was the task leader for traffic data collection and intersection analyses of a <b>Stage 0 Feasibility Study</b> . 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 <b>Stage 0</b> .			

03/13 – 07/13	<b>RPC Task S-5.13 MTP Refinement: Road Safety Assessment for US 190 Gause Boulevard (Slidell, Louisiana)</b> 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. <b>Crash data</b> , traffic volumes, traffic speed, <b>signal timings</b> 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	<b>S.P. No. 700-09-0171 Stage 0 and 1 Study I-49 Inner City Connector (Shreveport, LA)</b> This 3.5-mile route will connect existing I-49 / I-20 interchange to the proposed I-49 / I-220 interchange. After completing the <b>Stage 0</b> , 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	<b>I-12 at Millerville Road Interchange Modification Request (Baton Rouge, LA)</b> 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.
04/04 - 09/06	<b>Stage 0 I-10 at Pecue Lane Interchange Justification Study (Baton Rouge, LA)</b> Laurence was the lead traffic engineer for a <b>Stage 0</b> traffic study analyzing the proposed interchange at I-10 and Pecue Lane. Laurence developed current and future traffic volumes based on the CRPC <b>TransCAD model</b> growth rates. Using HCS, Laurence <b>analyzed signalized and unsignalized intersections</b> , basic freeway segments, freeway merge / diverge segments and freeway weaving segments. Laurence also developed a micro-simulation model in both VISSIM and TSIS.
04/04 - 12/04	<b>I-10 Frontage Roads, Picardy Interchange, Bluebonnet Siegen (Baton Rouge, LA)</b> Laurence provided the traffic analysis for a highly unique reconfiguration of interstate ramps that included frontage roads and an overpass of I-10 for new an interchange at Picardy. HCS and VISSIM were the primary analysis tools for the analysis. As part of the design team that developed the concept for this project, Laurence performed <b>feasibility studies</b> , developed design criteria, and coordinated with city, state and federal agencies for approvals as well as gathered public input. Laurence prepared traffic signal timings and designs that included cost estimates for the project.



Firm employed by Vectura Consulting Services, LLC			
Name	Prasanth Malisetty, PE, PTOE, PTP, RSP1		Years of relevant experience with this employer
Title	Project Traffic Engineer/Project Manager		Years of relevant experience with other employer(s)
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>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
11/20 – 12/21	<b>H.011909.5 Roundabout: US 171 at Boone St. (Leesville, LA)</b> 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 <b>optimal traffic signal operation</b> 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, <b>signal timings</b> by time of day, vehicle detection, signal head placement, wiring diagram, pole height calculations, clearance calculations, quantities, construction cost estimate.		
09/20 – 12/21	<b>H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish) LA</b> 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 <b>signal timing plans</b> for each phase of the construction to maintain progression along LA 30.		
12/18 – 7/20	<b>H.002297 LA 37 Sullivan Road to Liberty Road (Baton Rouge, LA).</b> 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 <b>data collection, development of growth rates, existing and future traffic analyses</b> . Prasanth was responsible for traffic forecasting for no-build and future alternatives using the CRPC travel demand models. Also, performed the <b>existing and future traffic analysis</b> and propose potential alternatives to mitigate existing deficiencies.		
12/18 – 7/20	<b>H.012018 LCG Adaptive Traffic Signal System (Lafayette, LA)</b> 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 <b>traffic signal timings</b> .		
10/16-12/18	<b>H.012685 LA 385 Ryan Street Feasibility Study (Lake Charles, LA)</b> Prasanth was the project engineer responsible for <b>developing feasible alternatives</b> 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, <b>traffic signal warrants, safety / crash review</b> , 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	<b>H.012307 LA 6 Feasibility Study (Natchitoches, LA)</b> Prasanth was the Project Engineer responsible for performing Stage 0 Feasibility study along the corridor. Responsible for <b>safety analysis</b> and alternatives analyses which includes roundabouts, R-CUT and signalized intersection using Sychro, Sidra and Vissim software.		

06/15 – 04/17	<b>H.011733.5 US 80 Traffic Control Signal Upgrade (Shreveport, LA)</b> Prasanth was the Project Engineer responsible for developing new <b>signal design plans and timings</b> along the corridor. Responsible for data collection, intersection analysis and signal design plans.
06/15 – 12/16	<b>H.011280.1 LA 10 Stage 0 Feasibility Study (Bogalusa, LA)</b> Prasanth was the Project Engineer responsible for performing a <b>Stage 0</b> Feasibility study along the corridor. Responsible for traffic forecasting, safety analysis and developing alternative concepts to improve corridor operations.
01/11 - 04/12	<b>H.005734 LA 447 Corridor Study (Walker, LA)</b> Performed alternatives analysis using VISSIM modeling to <b>improve safety</b> and mobility. Included analysis of eight roundabout geometry intersections.
06/11 – 8/12	<b>H.002397.1 LA 16 – I-12 Interchange, Livingston Parish, LA.</b> 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 <b>signal timing</b> .
09/10 – 2/12	<b>S.P. No. 700-99-0447 US 190 Superstreet Study, Covington, LA.</b> 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 <b>signal timings</b> .
8/10 – 2/18	<p><b>DOTD Traffic Engineering Contracts (Statewide, LA)</b> As a project engineer for numerous task orders for Signal Timing Studies and Designs, Prasanth was responsible for coordinating data collection tasks, intersection analysis, <b>crash analysis</b>, developing coordinated <b>signal timing plans</b> and field implementation / fine tuning along 27 corridors throughout statewide which involved 264 intersections. Following are the list of corridors:</p> <ul style="list-style-type: none"> <li>• District 04; LA 1, LA 526 &amp; US 171, Shreveport, LA; LA 3, LA 3105 &amp; LA 72, Bossier, LA – 110 intersections, 7 corridors</li> <li>• District 02; LA 3040 &amp; LA 57, Houma, LA; LA 20, Thibodaux, LA; US 61, New Orleans, LA – 44 intersections, 4 corridors</li> <li>• District 62; US 11, Slidell, LA; LA 19, Baker, LA; LA 44, Gonzales, LA; LA 3124 &amp; LA 60, Bogalusa, LA; LA 10 Franklinton, LA; LA 16, Amite, LA; LA 38, Kentwood, LA; LA 25, Folsom, LA – 68 intersections, 9 corridors</li> <li>• District 58; US 425, Vidalia &amp; Ferriday, LA – 11 intersections, 2 corridors</li> <li>• District 08; LA 1208-03, US 71 &amp; LA 28 – 21 intersections, 3 corridors</li> </ul> <p>District 07; US 190 &amp; US 171, DeRidder, LA – 10 intersections, 2 corridors</p>
07/09 – 09/11	<b>S.P. No. 70-99-0447, T.O. No. 701-65-1279, Houma Signal Study and Timing of LA 24 (Houma, LA)</b> Prasant was the Project Engineer responsible for developing new <b>signal design plans and timings</b> along the corridor. Responsible for data collection, intersection analysis and signal design plans.

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>i.e.</i> , “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 <b>Stage 0</b> 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 <b>Stage 0</b> 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 <b>Stage 0</b> 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 <b>Stage 0</b> 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 <b>Stage 0</b> 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	<b>H.013322 LA 3040 Feasibility / Safety Study Stage 0 (Houma, LA)</b> 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	<b>H.011243.1 I-49 at US 190 and LA 31 Interchange Improvements Stage 0 (St. Landry Parish)</b> Kristen was the project engineer responsible for crash and safety analysis, report writing, planning, and designing for this <b>Stage 0</b> 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.
04/19 – 6/21	<b>H.013817.1 A 117 Improvements Stage 0 (Vernon and Natchitoches Parishes)</b> Kristen served as project engineer responsible for a <b>Stage 0</b> study for 18 miles of two-lane LA 117 from LA 8 to LA 118. The study evaluated the impacts of correcting deficient vertical and horizontal geometry along the corridor, widening for the addition of shoulders, and adding passing lanes and turn lanes at strategic locations along the corridor. Kristen was responsible for performing the safety analysis including crash rate number method, over-representation, CAT Scan quality assurance, HSM existing safety analysis, and No-Build Analysis. Kristen designed high-level concept exhibits, evaluated environmental impacts, and prepared high level cost estimates and comparison matrices to determine which preliminary alternatives best meet the purpose and need of the project. Kristen compiled all findings in the <b>Stage 0</b> report and coordinated with stakeholders and local agencies to ensure purpose and need of project is met.

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>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
02/21 – Current	<b>LA 67 (Plank Rd) Corridor Enhancement – Dawson Street to Harding Blvd (Baton Rouge, LA)</b> Reece performed the geometric field checks along with Prasanth. Reece then captured the geometric field data in figures developed in CAD per the <b>TEPR process</b> .			
09/20 – 12/21	<b>H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish)</b> Reece is a project engineer as part of the design team for the temporary signal design associated with the <b>sequence of construction</b> 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	<b>H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish)</b> Reece is a project engineer as part of the production of the temporary signal design associated with the <b>sequence of construction</b> 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 - Current	<b>H.004791 DOTD Belle Chasse Bridge &amp; Tunnel Replacement Public-Private Partnership Project (Belle Chasse, LA)</b> Reece is the design engineer for the <b>temporary traffic signal plans</b> 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	<b>H.011849 Veterans Boulevard Corridor Stage 0 Feasibility Study (Jefferson Parish, LA)</b> Reece was the project manager for the <b>Stage 0</b> 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	<b>H.005733.5 US 190 Superstreet Task Order (St. Tammany Parish, LA)</b> Reece was a team member responsible for the layouts for the US 190 <b>Superstreet signal designs</b> . 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	<b>Ochsner Main Campus Traffic Signals (Jefferson Parish, LA)</b> 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 <b>to implement updated pedestrian timings</b> 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.



### 17. Firm Experience:

Firm name	Evans-Graves Engineers, Inc.	Past Performance Evaluation Discipline(s)*	Road
Project name	<b>US 190 Superstreet Conversion</b>		Firm responsibility (prime or sub?) Prime
Project number	H.005733	Owner's name	LADOTD
Project location	St. Tammany Parish, LA	Owner's Project Manager	Josh Harrouch
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804, (225) 242-4620, josh.harrouch@la.gov		
Services commenced by this firm (mm/yy)	05/14	Total consultant contract cost (\$1,000's)	\$996.7
Services completed by this firm (mm/yy)	03/18	Cost of consultant services provided by this firm (\$1,000's)	\$420

### Project Description:

Evans-Graves, under a **DOTD retainer contract for Traffic Engineering services**, was tasked with the design of the US 190 Superstreet project in St. Tammany Parish. The project served as a “road diet” of approximately three (3) miles of existing urban roadway through the **elimination of full access median opening (i.e., crossovers)** and replacement of the crossovers with **directional left turns** and **U-turns** on the arterial. The project consisted of many elements that were used to **improve safety** while also **streamlining traffic** along the **heavily congested corridor**.



### Firm's Role:

In collaboration with DOTD and team members, Evans-Graves **redesigned multiple intersections** along the three mile corridor converting them from **traditional median openings** to **signalized R-Cut type intersections**. Additionally, **J-turns** were implemented between the existing intersections to **restrict left turn movements**, thereby **reducing the number of conflict points for motorists**. All the improvements were constructed within the existing Highway 190 right-of-way, which negated the additional cost and time of procuring property. Finally, Evans-Graves provided a comprehensive **Suggested Sequence of Construction**, including **traffic signal sequencing**, which allowed for the construction of the project to be performed while all lanes of traffic were still in operation. The result is a roadway that provides **protection to left turning motorists** along the corridor while also **improving travel for the through movements**. EG was the Prime consultant and lead design engineer on this project and was responsible for: **preliminary** and **final plans**, **cost estimates**, and **engineering support during construction**.

**G. Menard, E. Erikson, L. Blanchard, M. Usrey, B. Blanchard, M. Roberts**

Firm name	Evans-Graves Engineers, Inc.	Past Performance Evaluation Discipline(s)*	Road
Project name	<b>Feasibility Study, Earhart at Causeway Interchange</b>		Firm responsibility (prime or sub?) Sub
Project number	S.P. No. 736-26-0001	Owner's name	LADOTD
Project location	Jefferson Parish, LA	Owner's Project Manager	Mike Aghayan
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804, (225) 379-1100		
Services commenced by this firm (mm/yy)	08/03	Total consultant contract cost (\$1,000's)	\$300.0
Services completed by this firm (mm/yy)	06/05	Cost of consultant services provided by this firm (\$1,000's)	\$150.0

### **Project Description:**

Evans-Graves Engineers was part of the project team that performed a **Feasibility Study** for the Earhart Expressway (LA Hwy 3139) interchange at Causeway Boulevard (LA Hwy 3046) in Jefferson Parish. The Project consisted of an evaluation of some **16 Alternative Designs**, utilizing a systematic evaluation process to reduce the number of viable alternates from 16 to 4, then from 4 to 2, plus keeping the "No-Build" option. These final options were then studied in an **Environmental Assessment**.

### **Firm's Role:**

Evans-Graves, as a subconsultant, was responsible for the following activities as part of the project's Feasibility Study:

- **Roadway geometry**
- **Drainage design**
- **Right-of-Way assessments**
- **Cost estimates**
- **Utilities conflict resolution**
- **Public meeting attendance**

**G. Menard, J. Morgan, M. Roberts**

Firm name	Evans-Graves Engineers, Inc.	Past Performance Evaluation Discipline(s)*	Road
Project name	<b>Germany Road (US 61 – LA 44) Safety Widening</b>		Firm responsibility (prime or sub?) Prime
Project number	N/A	Owner's name	Ascension Parish Government, DPW
Project location	Ascension Parish, LA	Owner's Project Manager	Tacie Rabalais, P.E.
Owner's address, phone, email	42077 Churchpoint Road, Gonzales, LA 70737; (225) 450-1386; trabalais@apgov.us		
Services commenced by this firm (mm/yy)	09/17	Total consultant contract cost (\$1,000's)	\$625
Services completed by this firm (mm/yy)	TBD	Cost of consultant services provided by this firm (\$1,000's)	\$540

### **Project Description:**

As part of Ascension Parish's multi-year, multi-million dollar Move Ascension program to improve traffic congestion in the Parish, Evans-Graves was tasked with designing **safety widening improvements** for approximately **9,000 feet of roadway** in Ascension Parish. Funding for the project is being augmented by federal sources. As such, the project is being designed using DOTD standards and is reviewed at each submittal stage by DOTD.

### **Firm's Role:**

The Germany Road Safety Widening project includes the **widening** of approximately **9,000 feet** of Germany Road between US 61 to LA 44. Each lane will be **widened** to **11'** with **2' paved shoulders**. Side ditches will be **reggraded** to provide 4:1 foreslopes over the length of the project. The project incorporates the addition of shoulders and dedicated right and left turn lanes and signalization to provide motorists with additional protection.

For this project, EG, as the Prime consultant, is responsible for:

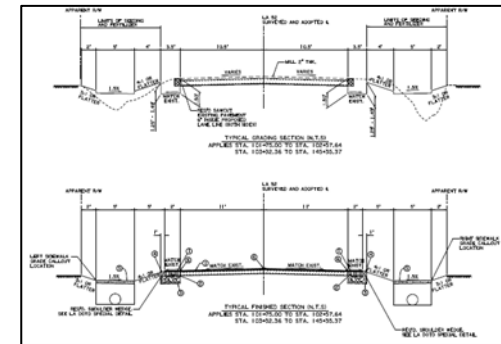
- **Preliminary and final roadway plans and specifications**
- **Right-of-way mapping**

**G. Menard, E. Erikson, L. Blanchard, Z. Hebert, M. Usrey, B. Blanchard, M. Roberts**

Firm name	Evans-Graves Engineers, Inc.	Past Performance Evaluation Discipline(s)*	Environmental
Project name	<b>LA 52 Feasibility Study and Complete Streets Improvements</b>		Firm responsibility (prime or sub?) Prime
Project number	N/A	Owner's name	St. Charles Parish, DPW
Project location	St. Charles Parish, LA	Owner's Project Manager	Mr. Miles Bingham
Owner's address, phone, email	100 River Oaks Drive, Destrehan, LA 70047, (985) 783-5102, mbingham@stcharlesgov.net		
Services commenced by this firm (mm/yy)	01/13	Total consultant contract cost (\$1,000's)	\$9,260
Services completed by this firm (mm/yy)	TBD	Cost of consultant services provided by this firm (\$1,000's)	\$784

### **Project Description:**

The LA 52 Complete Streets Improvements project involves the redesign of LA 52 in St. Charles Parish using the Louisiana Department of Transportation and Development's (LADOTD) **Complete Streets** approach, which requires that all open ditch drainage be converted to closed drainage in order to accommodate all roadway transportation improvements, landscaping, and construction of a **multi-use pathway and/or pedestrian sidewalk**. Prior to design, Evans-Graves performed a **Feasibility Study** for the project, which included the performance of an **Environmental Site Assessment (ESA)** for the preferred alternative.



### **Firm's Role:**

Evans-Graves Engineers (EG) serves as the project manager and lead design firm on this work. Services to be performed by EG include **preliminary** and **final design, engineering services during bidding and construction**, and **permitting** for the redesign of LA 52 to LADOTD Complete Streets standards.

EG also performed a **Feasibility Study** for the project, which included a preliminary assessment for **capacity improvements, transportation enhancement, sidewalk additions, plantings, a shared use path, and turning movement improvements** along LA 52. Work performed as part of the Feasibility Study included **traffic counts and accident data analysis, topographic and right-of-way surveying, typical sections and line-and-grade drawings** for (3) alternative sections, attending **public meetings and comment periods**, and preparation of **environmental documents** including **environmental checklist, environmental justice and cultural resources reviews, wetlands impacts, noise and air quality studies, HTRW review**, and all corresponding **agency coordination and public involvement**. Coordination of the project involved RPC, FHWA, DOTD, and St. Charles Parish.

**G. Menard, L. Blanchard, Z. Hebert, S. Lundgren, M. Roberts, L. Walker**

Firm name	Evans-Graves Engineers, Inc.	Past Performance Evaluation Discipline(s)*	Environmental
Project name	<b>Stage 0 Feasibility Study for Mississippi River Trail</b>		Firm responsibility (prime or sub?)   Prime
Project number	RPC No. H.010912	Owner's name	Regional Planning Commission (RPC)
Project location	Plaquemines Parish, LA	Owner's Project Manager	Chris Laborde
Owner's address, phone, email	10 Veterans Blvd., New Orleans, LA 70124; (504) 483-8540; claborde@norpc.org		
Services commenced by this firm (mm/yy)	02/14	Total consultant contract cost (\$1,000's)	\$96.0
Services completed by this firm (mm/yy)	01/16	Cost of consultant services provided by this firm (\$1,000's)	\$78.7

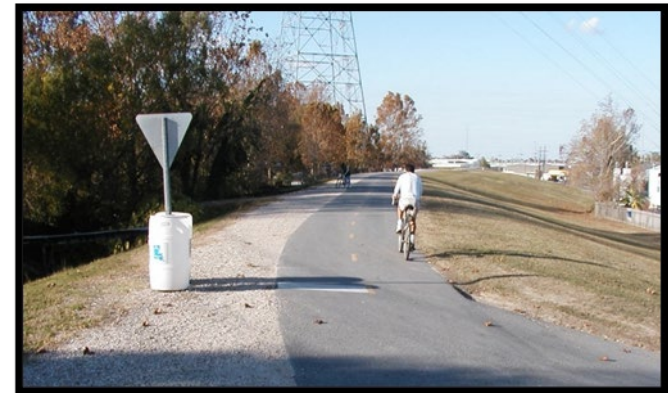
**Project Description:** Evans-Graves assisted the Regional Planning Commission (RPC) with the preparation of a **Stage 0 Feasibility Study in accordance with LADOTD study requirements** for further development and extension of the pedestrian and bicycle facilities as part of the Mississippi River Trail project in Plaquemines Parish, LA. The project extended from F. Edward Hebert Road to Oakville Street, a distance of approximately seven (7) miles.

**Firm's Role:** Evans-Graves, as the Prime consultant, was responsible for performing the following services as part of the Stage 0 Feasibility Study:

- **Data Collection**
- **Environmental Inventory**
- **Environmental Checklist**
- **Conceptual Plan Development**
- **Opinion of Probably Cost**
- **Report Preparation and Submittal**

Preparation of the **Environmental Checklist** included the identification and assessment of known wetlands, water wells, public parks, historic sites, threatened and endangered species, and existing oil/gas facilities.

Development of the **Stage 0 Feasibility Report** included the identification of constraints or impediments to the proposed project, including right-of-way considerations; safety signage design; development of recommended project phasing; and identification of potential funding sources.



**G. Menard, S. Lundgren**

Firm name	Evans-Graves Engineers, Inc.	Past Performance Evaluation Discipline(s)*	Road
Project name	<b>Mall of Louisiana Boulevard (formerly Picardy-Perkins Connector)</b>	Firm responsibility (prime or sub?)	Prime
Project number	12-CS-HC-0043	Owner's name	City/Parish of East Baton Rouge
Project location	East Baton Rouge Parish, LA	Owner's Project Manager	Mr. Tom Stephens, P.E.
Owner's address, phone, email	P.O Box 1471, Baton Rouge, LA 70821, (225) 389-3158, tstephens@brgov.com		
Services commenced by this firm (mm/yy)	05/13	Total consultant contract cost (\$1,000's)	\$2,652
Services completed by this firm (mm/yy)	TBD	Cost of consultant services provided by this firm (\$1,000's)	\$1,672

### **Project Description:**

Project will connect Perkins Road (LA 427) to the Mall of Louisiana Boulevard/I-10 Interchange, and is intended to relieve traffic congestion on Bluebonnet Boulevard. It is a four-lane curb-and-gutter project which will include a raised median, **multi-use paths, sidewalks**, new bridge crossings at Dawson Creek, and an underpass at the Kansas City Southern (KCS) railroad.

The project includes **safety-related improvements** to a portion of Perkins Road, including **access management**, removing continuous left turn lanes and replacing with **back to back curbs**, and adding **designated pedestrian crossings** along portions of the roadway that did not previously have designated areas for pedestrian access.

### **Firm's Role:**

Evans-Graves, as the Prime consultant on this project, has performed the following services:

- **Feasibility Study**
- **Right-of-Way Mapping**
- **Topographic Survey**
- **Preliminary and final roadway and bridge plans**
- **Drainage design**
- **Sequence of construction**

**G. Menard, L. Blanchard, E. Erikson, B. Blanchard, M. Usrey, Z. Hebert, M. Roberts**

Firm name	Evans-Graves Engineers, Inc.	Past Performance Evaluation Discipline(s)*	Road
Project name	<b>North Blvd. Corridor Enhancement (I-110 to Foster/Florida)</b>		Firm responsibility (prime or sub?) Prime
Project number	N/A	Owner's name	City/Parish of East Baton Rouge
Project location	Baton Rouge, LA	Owner's Project Manager	Mr. Tom Stephens, P.E.
Owner's address, phone, email	P.O Box 1471, Baton Rouge, LA 70821, (225) 389-3158, tstephens@brgov.com		
Services commenced by this firm (mm/yy)	11/20	Total consultant contract cost (\$1,000's)	\$854.0
Services completed by this firm (mm/yy)	TBD	Cost of consultant services provided by this firm (\$1,000's)	\$571.0

### **Project Description:**

The North Blvd. Corridor Enhancement project is part of the **MOVEBR program** and is being designed and constructed to **enhance mobility** and improve **pedestrian safety** within the limits of the project corridor from Interstate 10 to Florida Blvd. by implementing **Complete Streets** features that will **increase usership** for various modes of transportation including **motor vehicles, pedestrians, bicycles, and transit users.**

### **Firm's Role:**

Evans-Graves serves as the Prime consultant for this project and is responsible for performing:

- **Topographic Surveys**
- **Final Design**
- **Construction Plans**
- **Cost Estimates**
- **Construction Phase Support**

Additional work performed by subconsultants and overseen by Evans-Graves includes the performance of a **Traffic Study** to assess the **feasibility** of previously developed conceptual alternatives for the project corridor and to analyze existing vehicular and pedestrian **traffic data** compliant with the **MOVEBR Program's Design Guidelines.**

**G. Menard, L. Blanchard, E. Erikson, B. Blanchard, M. Usrey, Z. Hebert, M. Roberts**



Firm name	Evans-Graves Engineers, Inc.	Past Performance Evaluation Discipline(s)*	Road
Project name	<b>US 61 and Germany Road Intersection Improvements</b>		Firm responsibility (prime or sub?) Prime
Project number	N/A	Owner's name	Ascension Parish Government, DPW
Project location	Ascension Parish, LA	Owner's Project Manager	Tacie Rabalais, P.E.
Owner's address, phone, email	42077 Churchpoint Road, Gonzales, LA 70737; (225) 450-1386; trabalais@apgov.us		
Services commenced by this firm (mm/yy)	04/18	Total consultant contract cost (\$1,000's)	\$216.9
Services completed by this firm (mm/yy)	08/21	Cost of consultant services provided by this firm (\$1,000's)	\$149.5

### **Project Description:**

The Parish selected Evans-Graves Engineers (EG) under a retainer contract to provide engineering and design services on a task order basis to include professional services such as: **Stage 0 Feasibility Studies, Value Engineering (VE) Studies, topographic surveys, preliminary and final roadway and/or bridge plans, Transportation Management Plans (TMPs), Traffic Signal Plans, special provision write-ups, cost estimates, permit sketches, general engineering support during construction, and quality reviews of plans** developed in association with the contract (QA/QC).

The purpose of the Germany Road Intersection Improvements task order was to design **safety and roadway improvements** at the intersection of Us 61 and Germany Road in Ascension Parish. The project included the **reconfiguration of the existing Germany Rd. / US 61 intersection** to include **Left turn, Through, and Right turn lanes** from Germany Rd onto US 61, as well as a **Through lane** from Duplessis Rd across US 61 onto Germany Rd. The project involved **multiple funding sources** and involved **LADOTD** oversight and coordination throughout the design process.

### **Firm's Role:**

Evans-Graves, as the prime consultant and lead design firm, performed:

- **Topographic survey**
- **Preliminary and final roadway plans and specifications**
- **Right-of-Way Maps**

**G. Menard, L. Blanchard, M. Usrey, B. Blanchard, M. Roberts**

Firm name	Evans-Graves Engineers, Inc.	Past Performance Evaluation Discipline(s)*	Road
Project name	<b>South Choctaw Drive Roadway Widening and Intersection Improvements (Flannery to Central Thruway)</b>		Firm responsibility (prime or sub?) Prime
Project number	N/A	Owner's name	City/Parish of East Baton Rouge
Project location	Baton Rouge, LA	Owner's Project Manager	Tom Stephens, P.E.
Owner's address, phone, email	1100 Laurel Street, Baton Rouge, LA, 70802; (504) 658-8000; tstephens@brla.gov		
Services commenced by this firm (mm/yy)	06/02	Total consultant contract cost (\$1,000's)	\$211
Services completed by this firm (mm/yy)	10/21	Cost of consultant services provided by this firm (\$1,000's)	\$211

### **Project Description:**

The South Choctaw Drive capacity improvement project will **widen** approximately **1.5 miles** of the existing **two (2) lane arterial roadway** to **four (4) lanes** between N. Flannery Rd. and Central Thruway in East Baton Rouge Parish. Design included **intersection reconfiguration, pavement widening, modifications to the existing drainage system** to convert from a rural open ditch to an underground storm drainage system, and installation of **ADA accessible sidewalks** alongside the roadway. **Utility relocations** were also required to accommodate the new roadway.

### **Firm's Role:**

Evans-Graves (EG) served as the Prime consultant for this project and was responsible for providing:

- **Topographic surveying**
- **Project management**
- **Engineering design services, including intersection improvements, drainage design, sequence of construction, signage, and striping**
- **Right of way mapping**
- **Construction administration**

**G. Menard, E. Erikson, M. Usrey, M. Roberts, B. Blanchard**

Firm name	Evans-Graves Engineers, Inc.	Past Performance Evaluation Discipline(s)*	Road
Project name	<b>LA 23 Widening, Stage 0 Feasibility Study</b>		Firm responsibility (prime or sub?) Sub
Project number	S.P. No. 736-38-0002	Owner's name	Regional Planning Commission
Project location	Plaquemines Parish, LA	Owner's Project Manager	Walker Brooks
Owner's address, phone, email	10 Veterans Blvd., New Orleans, LA 70124; (504) 568-6611; wbrooks@noprc.org		
Services commenced by this firm (mm/yy)	02/06	Total consultant contract cost (\$1,000's)	\$80.0
Services completed by this firm (mm/yy)	08/06	Cost of consultant services provided by this firm (\$1,000's)	\$40.0

### **Project Description:**

**Stage 0 Feasibility Study** for the future widening of Belle Chasse Highway (LA 23) from four (4) to six (6) lanes between Engineers Road and Lapalco Blvd.

### **Firm's Role:**

Evans-Graves (EG), as a subconsultant, was responsible for:

- **Traffic data collection**
- **Right-of Way mapping**
- **Conceptual plan development**, including:
  - Typical sections
  - Roadway dimensions
- **Cost estimates**
- **Utilities conflict resolution**



As part of the **Stage 0 Feasibility Study**, the project team designed and evaluated **three (3) alternative concepts** for roadway widening, all of which included supporting Transportation Systems Management (TSM) measures such as **signage, sidewalks, and upgraded signalization** to optimize the **safe, efficient, and reliable use** of existing and planned transportation infrastructure for all modes. Each alternative received an **environmental inventory** that identified all major environmental concerns, issues, and sites within the study area. This project involved extensive coordination with the New Orleans and Gulf Coast Railway Company and the RPC's Technical Advisory Committee.

**G. Menard, S. Lundgren**

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:

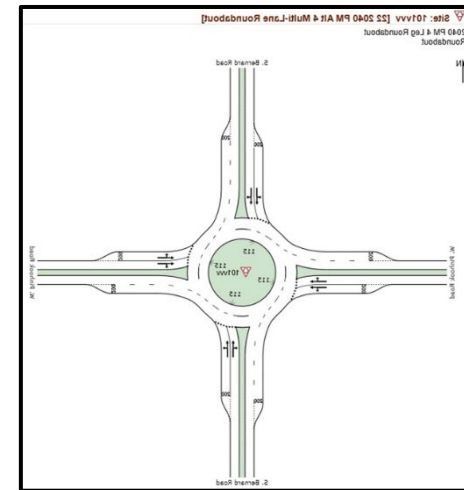
- Developed growth rate methodology and AM and PM peak traffic volumes for Implementation Year and Design Year
- Performed **traffic signal warrants analyses**
- Developed Sidra analyses for unsignalized, signalized and roundabout alternatives for implementation and design year
- **Developed three-year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

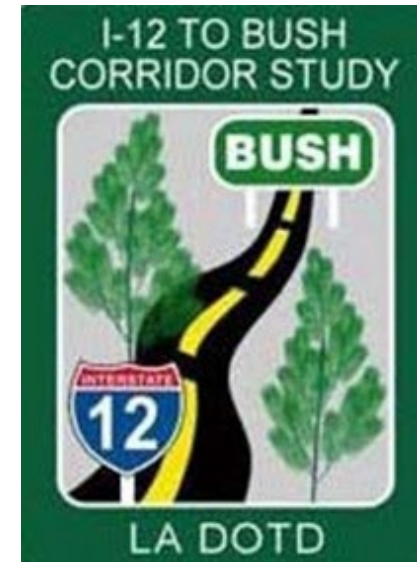
#### Task 2 Traffic Study

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@stp.gov.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

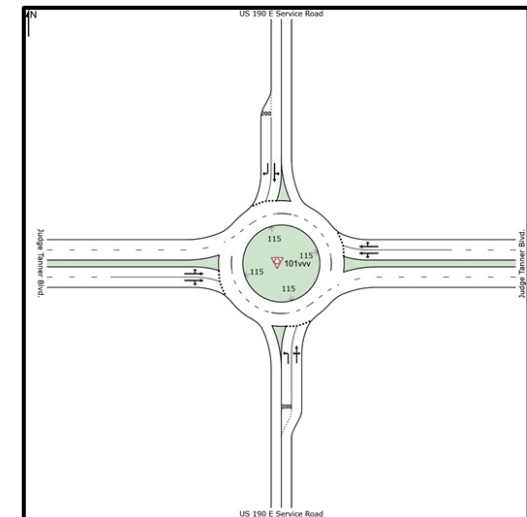
This task included a roundabout study as defined in EDSM VI.1.1.5, VI.1.1.1 and DOTD TEM Section 20.2.

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

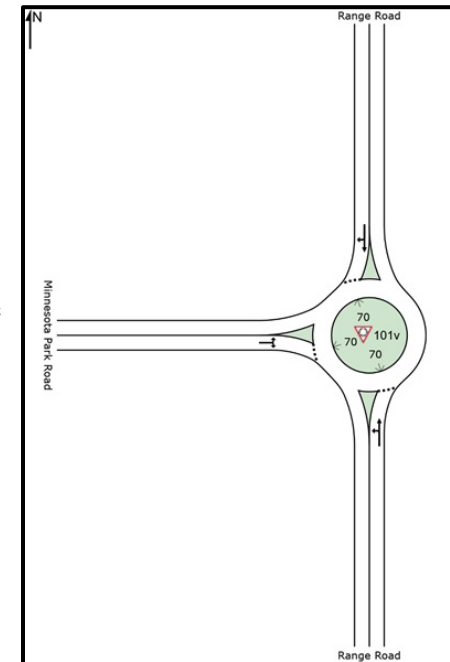
Vectura collected the following traffic data for two intersections:

- 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 72<sup>nd</sup> / 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:

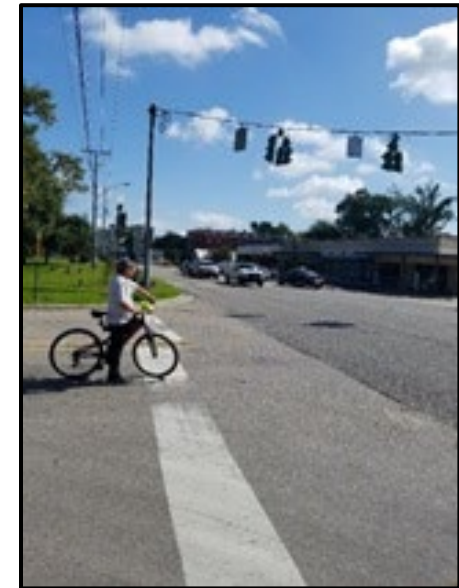
#### Data Collection

- 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 Louisiana)**

## **18. Approach and Methodology**



### ***APPROACH AND METHODOLOGY***

Safety is a top priority at LDOTD, as evidenced by its “Destination Zero Deaths” policy and the implementation of innovative intersection types and Complete Streets concepts in new roadway construction as well as existing roadway reconstruction. Evans-Graves Engineers, Inc. and Vectura Consulting Services, LLC are committed to partnering with LDOTD to upgrade the safety of existing roadways with innovative methods in a cost-effective manner. The team will utilize its extensive LDOTD experience to provide comprehensive project management and technical design in accordance with the standards of LDOTD.

Communities across Louisiana are increasingly aware of the need for safety improvements. Narrow roadways with little or no shoulders, poorly functioning intersections, traditional median cuts for left turns and lack of pedestrian and bicycle facilities plague users around the state, and many communities are appealing to DOTD for assistance. For each task order, Evans-Graves and Vectura will use traffic data and requirements generated by the Stage 0 Feasibility Study in conjunction with DOTD’s Minimum Design Guidelines to discover which types of accommodations are appropriate to enhance each corridor for all users.

Chapter 4: Stage 0 Standard Operating Procedures of LDOTD’s 2013 Project Delivery Manual outlines the process to obtain the necessary information to provide the defined deliverables and to complete the Stage 0 Preliminary Scope and Budget Checklist. Evans-Graves will collaborate with LDOTD and local governments to produce the Purpose and Need statement. A thorough Purpose and Need statement is critical to the success of a project and informs the development of alternatives and solutions for addressing the project’s needs. Completion of the Environmental Checklist is also an essential part of the Stage 0 process. The Project Delivery Manual provides an extensive list of websites available to obtain information for use in discovering potential environmental impacts and completing the Environmental Checklist.

The Road Safety Assessment (RSA) will be conducted as part of task orders as required and in accordance with the Road Safety Assessment (RSA) Official Procedure for LA DOTD dated 9/2010 or as revised. The aim of the RSA is to identify opportunities to eliminate or mitigate identified safety concerns. The Evans-Graves team will document the site visit by taking notes and photographs. The improvements recommended by all of the attendees of the RSA during the site visit shall be recorded and included in the report. Additionally, the report will include details of recommended countermeasures to be implemented for the task order.

In general, the following tasks will be completed as required for each assigned task order. Evans-Graves predicts that not every task order will include every phase outlined below, but the team will adapt to the requirements of each task order to perform what is needed. The percentages provided in the Past Performance Discipline table are approximate. Again, the team will meet the needs of each task order by adjusting the percent of work performed to the appropriate discipline required per task order. Additionally, while the services are not currently anticipated, Evans-Graves Engineers has the ability to perform topographic surveys and right-of-way mapping if deemed necessary by the Project Manager.

General Flow of Work Tasks (durations not defined):

- 1. Meet with LDOTD Project Manager and essential team members to discuss proposed project**
- 2. Conduct a site visit**
- 3. Obtain information to complete Stage 0 Preliminary Scope and Budget Checklist including:**
  - a. Develop a Purpose and Need statement for the project
  - b. Gather existing data for use in design
  - c. Create alternative conceptual solutions using available aerial photos and LIDAR data if needed, showing apparent and proposed R/W, and develop preliminary cost estimates for each alternative
  - d. Perform a Safety Analysis for each alternative
  - e. Complete the Environmental Checklist
  - f. Other items as defined in the Stage 0 Checklist
- 4. Perform Road Safety Assessments (RSA)**
  - a. Complete the Road Safety Assessment Checklist
  - b. Identify qualifying locations
  - c. Receive approval from LDOTD PM and identify potential stakeholders
  - d. Schedule, coordinate and conduct the RSA taking notes and photographs of the location in question
  - e. Prepare the draft report including notes and comments from all stakeholders and submit to LDOTD for comment
  - f. Address comments and finalize RSA report
- 5. Develop Plans, Specifications and Engineer's Estimate of Construction Costs**
  - a. Prepare Pre-Design checklist
  - b. Develop the Design Report in coordination with PM
  - c. Obtain topo survey if needed



- d. Prepare preliminary plans using industry standard resources such as MUTCD, AASHTO and the DOTD Road Design Manual
- e. Conduct the Plan-in-Hand meeting
- f. Identify any required R/W and develop R/W Maps if necessary
- g. Prepare Final Plans including the QA/QC Checklist

#### **6. Perform the Safety Effectiveness Evaluation**

Additional guidance regarding safety improvements can be found in FHWA's Good Practices: Incorporating Safety into Resurfacing and Restoration Projects. The document outlines multiple types of improvements that Evans-Graves Engineers, Inc. and its team has the technical experience and ability to identify for designated locations. Improvements may include selectively redesigning geometry, installing traffic control devices and guidance, improving roadsides with pavement or aggregate and/or improving private and public access points.

Over the 68 years Evans-Graves Engineers, Inc. has been in operation, the firm has worked with DOTD to design many types of projects throughout the state, including reconstruction of intersections, roadway widenings and bridge widenings.

Not every existing roadway requires complex improvements. Some projects may require pavement widening to provide additional lane width and shoulders to enhance safety. Others may need the addition of dedicated turn lanes and signals to provide motorists with additional protection. Evans-Graves is currently designing Germany Road Safety Widening, a project developed through the Move Ascension program that will incorporate lane widening, the addition of shoulders, and the provision of dedicated right and left turn lanes. The project funding is being augmented by federal sources and is therefore being designed using DOTD standards and is reviewed at each submittal stage by DOTD. The design on the project is slated to be complete in fall 2022.

In collaboration with DOTD, Evans-Graves Engineers, Inc. and its team will apply their knowledge and experience to gain a better understanding of each task order. The team will develop the best fit design per task, enhancing the safety of all users in a timely and economical manner.

#### ***SEE BELOW FOR PROPOSED PROJECT SCHEDULE***

**SAMPLE PROJECT SCHEDULE**  
**CONTRACT NOS. 4400023689 AND 4400023690**  
**IDIQ CONTRACTS FOR SAFETY STUDIES**  
Evans-Graves Engineers, Inc.

**TASK DESCRIPTION:**

**Stage 0 Feasibility Study**

- (a) Develop Purpose and Need Statement
- (b) Obtain and Review Relevant Data
- (c) Create Geometric Layout, Establish R/W
- (d) Perform a Safety Analysis
- (e) Develop Preliminary Cost Estimate
- (f) Complete Environmental Checklist

**Road Safety Assessment**

- (a) Complete RSA Checklist
- (b) Identify and Notify Stakeholders
- (c) Conduct RSA
- (d) Develop and Submit Draft RSA Report
- (e) Address Comments and Submit Final RSA Report

**Development of Plans**

- (a) Prepare Pre-Design Checklist; Attend Kickoff Mtg.
- (b) Obtain Topo Survey as needed
- (c) Prepare Preliminary Plans per LDOTD Milestones
- (d) Conduct the Plan-in-Hand Meeting
- (e) Develop R/W Maps if necessary
- (f) Prepare Final Plans per LDOTD Milestones

**Safety Effectiveness Evaluation**

- (a) Gather Before and After Safety Data
- (b) Analyze Data and Create Report

\*NOTE: Durations will be assigned to tasks as needed for each Task Order. Evans-Graves understands that the tasks listed above may be performed concurrently or independently as required by LDOTD and the needs of each Task Order.

**19. Workload:**

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining unpaid Balance**
Evans-Graves Engineers, Inc.	Road	H.004420	Bayou Barataria Bridge at Jean Lafitte / Route LA 302	\$135,843
Evans-Graves Engineers, Inc.	Right-of-Way	H.004420	Bayou Barataria Bridge at Jean Lafitte / Route LA 302	\$2,300
Evans-Graves Engineers, Inc.	Road	H.004957.5	I-12 to Bush, Route LA 3241 (I-12 to LA 36)	\$33,733
Evans-Graves Engineers, Inc.	Bridge	H.004957.5	I-12 to Bush, Route LA 3241 (I-12 to LA 36)	\$9,419
Evans-Graves Engineers, Inc.	Right-of-Way	H.004957.5	I-12 to Bush, Route LA 3241 (I-12 to LA 36)	\$11,059
Evans-Graves Engineers, Inc.	Right-of-Way	H.012812.5	IDIQ Contract for Professional Surveying Services Contract No. 4400021533 Task Order No. 1 (US 190 at Northshore & Camp Villere)	\$18,126
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
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
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**20. Certifications/Licenses:**

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

**SEE ATTACHED**

# *Certificate of Completion*

presented to

*Brin Ferlito*

for completing the

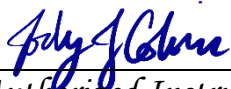
## **Traffic Engineering Analysis Process & Report Module 1**

*Date:* June 4, 2018

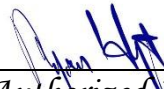
*Location:* Baton Rouge, Louisiana

*Professional Development*

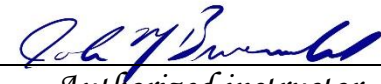
*Hours (PDHs) Awarded: 4*



*Authorized Instructor*



*Authorized Instructor*



*Authorized instructor*



# *Certificate of Completion*

presented to

*Brin Ferlito*

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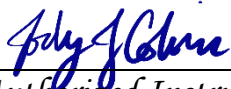
## **Traffic Engineering Analysis Process & Report Module 2**

*Date:* June 11, 2018

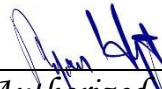
*Location:* Baton Rouge, Louisiana

*Professional Development*

*Hours (PDHs) Awarded: 4*



*Authorized Instructor*



*Authorized Instructor*



*Authorized instructor*





# *Certificate of Completion*

presented to

*Brin Ferlito*

for completing the

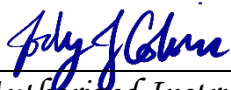
## **Traffic Engineering Analysis Process & Report Module 3**

*Date:* September 10, 2018

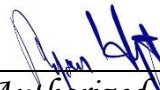
*Location:* Baton Rouge, Louisiana

*Professional Development*

*Hours (PDHs) Awarded: 3*



*Authorized Instructor*



*Authorized Instructor*



*Authorized instructor*



# *Certificate of Completion*

presented to

*Laurence Lambert*

for completing the

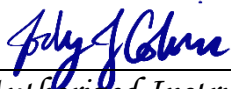
## **Traffic Engineering Analysis Process & Report Module 1**

*Date:* July 16, 2018

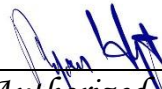
*Location:* Baton Rouge, Louisiana

*Professional Development*

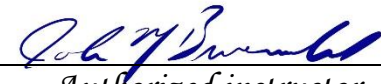
*Hours (PDHs) Awarded: 2*



*Authorized Instructor*



*Authorized Instructor*



*Authorized instructor*



# *Certificate of Completion*

presented to

*Laurence Lambert*

for completing the

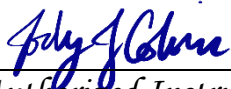
## **Traffic Engineering Analysis Process & Report Module 2**

*Date:* July 23, 2018

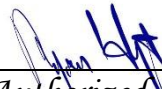
*Location:* Baton Rouge, Louisiana

*Professional Development*

*Hours (PDHs) Awarded: 3*



*Authorized Instructor*



*Authorized Instructor*



*Authorized instructor*



# *Certificate of Completion*

presented to

*Laurence Lambert*

for completing the

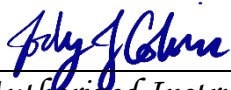
## **Traffic Engineering Analysis Process & Report Module 3**

*Date:* October 15, 2018

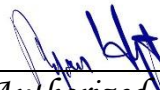
*Location:* Baton Rouge, Louisiana

*Professional Development*

*Hours (PDHs) Awarded: 3*



*Authorized Instructor*



*Authorized Instructor*



*Authorized instructor*



# *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*



# *Certificate of Completion*

presented to

*Prasanth Malisetty*

for completing the

## **Traffic Engineering Analysis Process & Report Module 2**

*Date:* August 6, 2018

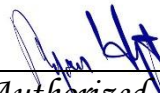
*Location:* Baton Rouge, Louisiana

*Professional Development*

*Hours (PDHs) Awarded: 3*



*Authorized Instructor*



*Authorized Instructor*



*Authorized instructor*



# *Certificate of Completion*

presented to

*Prasanth Malisetty*

for completing the

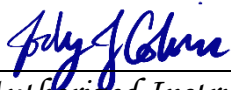
## **Traffic Engineering Analysis Process & Report Module 3**

*Date:* October 29, 2018


*Location:* Baton Rouge, Louisiana

*Professional Development*

*Hours (PDHs) Awarded: 3*



*Authorized Instructor*



*Authorized Instructor*



*Authorized instructor*





# *Certificate of Completion*

presented to

*Reece Rodrigue*

for completing the

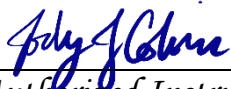
## **Traffic Engineering Analysis Process & Report Module 1**

*Date:* November 5, 2018

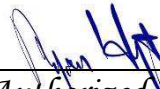
*Location:* Baton Rouge, Louisiana

*Professional Development*

*Hours (PDHs) Awarded: 2*



*Authorized Instructor*



*Authorized Instructor*



*Authorized instructor*



# *Certificate of Completion*

presented to

*Reece Rodrigue*

for completing the

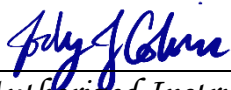
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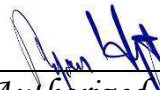
*Location:* Baton Rouge, Louisiana

*Professional Development*

*Hours (PDHs) Awarded: 3.5*



*Authorized Instructor*



*Authorized Instructor*



*Authorized instructor*



# *Certificate of Completion*

presented to

*Reece Rodrigue*

for completing the

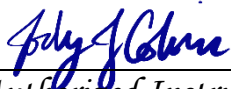
## **Traffic Engineering Analysis Process & Report Module 3**

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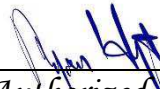
*Location:* Baton Rouge, Louisiana

*Professional Development*

*Hours (PDHs) Awarded: 3*



*Authorized Instructor*



*Authorized Instructor*



*Authorized instructor*



# *Certificate of Completion*

presented to

*Kristen Gahagan*

for completing the


## **Traffic Engineering Analysis Process & Report Module 1**

*Date:* July 30, 2018

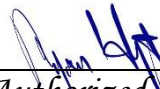
*Location:* Baton Rouge, Louisiana

*Professional Development*

*Hours (PDHs) Awarded: 2.5*



*Authorized Instructor*



*Authorized Instructor*



*Authorized instructor*



# *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*



# *Certificate of Completion*

presented to

*Kristen Gahagan*

for completing the

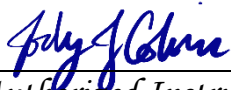
## **Traffic Engineering Analysis Process & Report Module 3**

*Date:* October 29, 2018

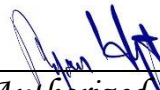
*Location:* Baton Rouge, Louisiana

*Professional Development*

*Hours (PDHs) Awarded: 3*



*Authorized Instructor*



*Authorized Instructor*



*Authorized instructor*





**AMERICAN TRAFFIC  
SAFETY SERVICES  
ASSOCIATION**

*This is to affirm that*

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

Expiration Date 7/25/2022 State Issued in LA

*Instructor Signature*

Verification available by calling 1-877-842-4637 or at <http://www.flagger.com>





*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



SAFER ROADS SAVE LIVES

*Jessica Fitzgerald*

Training & Products Dept. Director

*Ryan A. Wentz*

President, CEO

# 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



*Jessica Shugler*

Training & Products Dept. Director

*Ryan A. Wentz*

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



*Jessica Shugler*

Training & Products Dept. Director

*Ryan A. Wentz*

President, CEO



# Certificate of Training

*this certifies that*

**Reece Rodrigue**

---

*has successfully completed the training  
program requirements for*

**ATSSA Online Flagger Certification Training Course**

---



*Awarded on this*      **24th**      *day of* **September 2020**



# PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

---

**Reece Rodrigue**

has attended

**Traffic Control Supervisor-LA State Specific**

Training Course

---

9/4/2019 to 9/5/2019  
Date

Baton Rouge, LA  
Location

A handwritten signature in black ink, reading "Donna M. Clark".

Vice President of Member Services

A handwritten signature in black ink, reading "Alex Tefachian".

President, CEO



American Traffic Safety Services Association [ATSSA.com](http://ATSSA.com)



**LOUISIANA ASSOCIATED GENERAL CONTRACTORS, INC.**

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



*Donna M. Clarke*  
Training & Products Dept. Director

*Ryan A. Wentz*  
President, CEO





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.

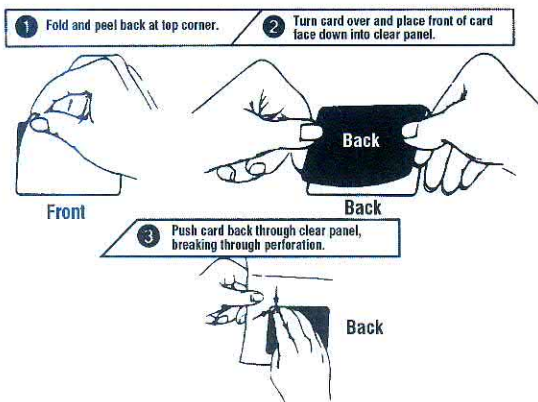
American Traffic Safety Services Association (ATSSA) commends you on your decision to become an ATSSA Certified Flagger. This distinction reflects that you have been trained by the "Leader in Roadway Safety" and also entitles you to be listed on our National Flagger Database. Please review your state 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](http://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:





# 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

Baton Rouge, LA  
Location

  
Director of Training

  
President, CEO

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



American Traffic Safety Services Association [ATSSA.com](http://ATSSA.com)





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.

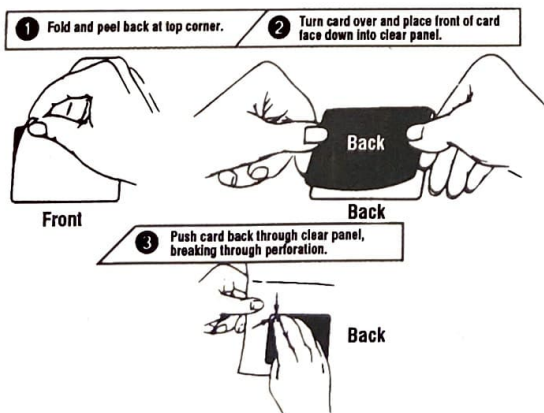
We commend you on your decision to become an ATSSA Certified Flagger. This distinction reflects that you have been trained by the leader in roadway safety and also entitles you to be listed on our National Flagger Database. Please review your state requirements for expiration of your flagger card. Also, 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](http://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:**





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

John Bel Edwards, Governor  
Shawn D. Wilson, Ph.D., Secretary

June 23, 2021

Vectura Consulting Services, LLC  
Attn: Sheelagh Brin Ferlito  
PO Box 14269  
Baton Rouge, LA 70898

Dear Sheelagh Brin Ferlito:

We have received your firm's Disadvantaged Business Enterprise (DBE) and Small Business Element (SBE) annual affidavit. Based on the information which you provided we have concluded that your firm continues to meet the eligibility requirements of our program and remains certified for only the following specific work categories that fall under the listed NAICS codes:

**NC488490 – Other Support Activities for Road Transportation**

C14-Transportation Planning

C33-Traffic Counting and Data Collection

C74-Construction Management

**NC541330-Engineering Services**

C09-Engineering Services

C96-Traffic and Transportation Engineering

**NC541340-Drafting Services**

C43-Computer Assisted Drafting

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

You will be required to submit an annual affidavit with all supporting documents (**Business taxes with all attachments, such as 1098, 1099, K-1's and/or W-2's**) stating your firm continues to meet the eligibility requirements of the program. An email informing you to submit the necessary documentation will be forwarded to you approximately six (6) weeks prior to your anniversary date of **June 30, 2022**. However, should you not receive notification from this office for your annual affidavit, it is your responsibility to contact us. Additionally, you must notify our office immediately regarding any changes which affect the social and economic disadvantage, size, ownership or control of your firm.

Vectura Consulting Services, LLC

June 23, 2021

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The Department has contracted with SJB Group, LLC to provide DBE Supportive Services to all our certified DBE's at no cost to you. This consultant can offer your firm assistance and guidance on areas such as marketing, estimating, bidding, financial preparations, etc. Please feel free to contact Jackie des Bordes or Kenyatta Sparks with the SJB Group, LLC at (225) 769-3400 for any assistance needed to grow your organization.

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

If further assistance is needed, please don't hesitate to contact the DBE Certification Unit at (225) 379-1382.

Respectfully,

*Rhonda Wallace*

Rhonda Wallace  
DBE/SBE Programs Manager



# LOUISIANA UNIFIED CERTIFICATION PROGRAM

**Disadvantaged Business Enterprise Program (DBE)**

**Small Business Element (SBE)**

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

## **VECTURA CONSULTING SERVICES, LLC**

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

**NC488490, NC541330, 541340**

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

**Certificate Eligibility: June 2021 to May 2022**

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

***Rhonda Wallace***

**Rhonda Wallace, DBE/SBE Programs Manager**

***Louisiana Department of Transportation & Development***

**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:**

<b>Firm Name (as registered with Louisiana's Secretary of State)</b>	<b>Address</b>	<b>Point of Contact and email address</b>	<b>Phone Number</b>
Vectura Consulting Services, LLC	8000 Innovation Park Drive, Baton Rouge, LA 70820	Brin Ferlito, bferlito@vecturacs.com	(225) 413-2269

**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.