DOTD FORM: 24-102

(Revised March 1, 2022)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING 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	**CONTRACT FOR I-20: WIDENING/OVRLY (VANCIL RD-LA 34)**
2. Contract number(s) as shown in the advertisement	4400024307
3. State Project Number(s), if shown in the advertisement	H.015052
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	Shread Kuyrkendall & Associates, Inc.
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	P.E. 0000767 P.L.S. 0000130
6. Prime consultant mailing address	13016 Justice Ave., Baton Rouge, LA 70816
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	13016 Justice Ave., Baton Rouge, LA 70816
8. Name, title, phone number, and email address of prime consultant's contract point of contact	**Richard R. Shread**, President (225) 296-1335 Shread@skaengr.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	**Richard R. Shread**, President (225) 296-1335 Shread@skaengr.com
10. This is to certify that all information contained herein is accurate and true, and that the team presently has	

sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.	Signature (shall be the same person as #9): Richard R Shread Date: 6/16/22
11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.	Firm(s): / Firm(s)' %: Vectura Consutlting Services 15% Marrero, Couvillon, & Assoc. 10%

12. Past Performance Evaluation Discipline Table:

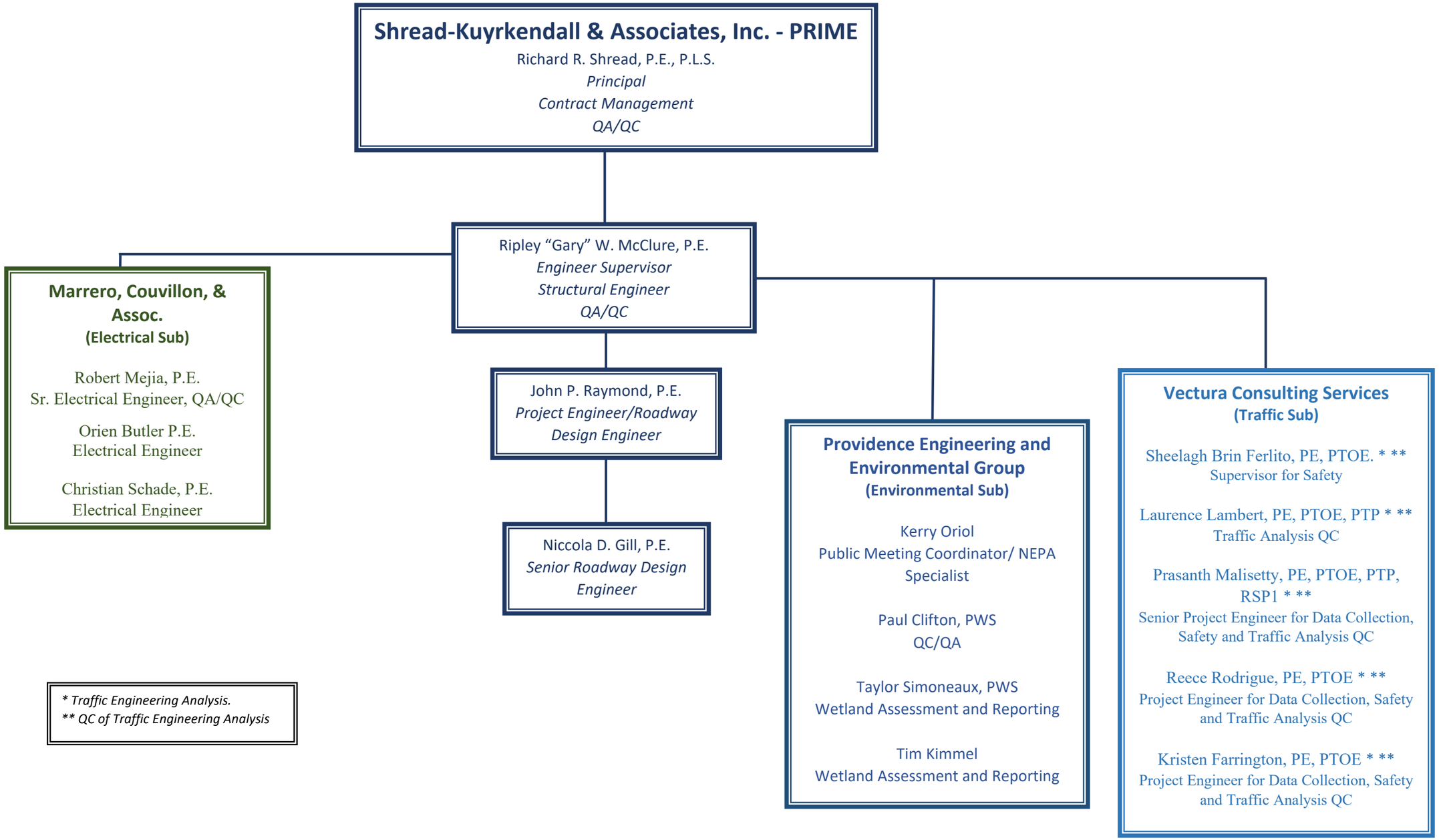
Sub-consultants are allowed to be used for this proposal. Fill in the table by identifying only those evaluation disciplines consistent with the approach and methodology proposed in Section 18 of the DOTD Form 24-102*, the name of each firm that is part of the proposal, and the percentage of work in 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 prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as the overall total percentage of the contract.							
Evaluation Disciplines	% of Overall Contract	Prime **Shread-Kuyrkendall & Associates, Inc.**	Firm B **Providence**	Firm C **Vectura**	Firm D **MCA**	Firm E	Firm F
Road	60%	100%					
Environmental	15%		100%				
Traffic	15%			100%			
Other	10%				100%		
Identify the percentage of work for the **overall contract** to be performed by the prime consultant and each sub-consultant							
Percent of Contract	100%	60%	15%	15%	10%		

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

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)
Shread-Kuyrkendall & Associates, Inc.	Principal	1	1
Shread-Kuyrkendall & Associates, Inc.	Supervisor-Eng	1	1
Shread-Kuyrkendall & Associates, Inc.	Engineer	2	6
Shread-Kuyrkendall & Associates, Inc.	CADD Technician	2	2
Shread-Kuyrkendall & Associates, Inc.	CADD-Operator	0	2
Vectura Consulting Services, LLC	Supervisor	2	2
Vectura Consulting Services, LLC	Engineer	3	5
Providence Engineering and Environmental Group LLC	Biologist/Wetlands	3	5
Providence Engineering and Environmental Group LLC	Environmental Pro/Manager	1	1
Marrero, Couvillon & Associates, LLC	Principal	1	1
Marrero, Couvillon & Associates, LLC	Supervisor-Eng	1	2
Marrero, Couvillon & Associates, LLC	Engineer	2	2
Marrero, Couvillon & Associates, LLC	Designer	2	2
Marrero, Couvillon & Associates, LLC	CADD-Operator	1	1

14. Organizational Chart:

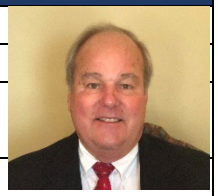


** Traffic Engineering Analysis.*
*** QC of Traffic Engineering Analysis*

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	Richard R. Shread	**Shread-Kuyrkendall & Associates, Inc.**	P.E. (Civil) 18983	LA	9/30/22
2	Richard R. Shread	**Shread-Kuyrkendall & Associates, Inc.**	P.E. (Civil) 18983	LA	9/30/22
3	Ripley W. "Gary" McClure	**Shread-Kuyrkendall & Associates, Inc.**	P.E. (Civil) 24035	LA	9/30/22
3	John P. Raymond	**Shread-Kuyrkendall & Associates, Inc.**	P.E. (Civil) 27988	LA	9/30/22
3	Niccola D. Gill	**Shread-Kuyrkendall & Associates, Inc.**	P.E. (Civil) 32914	LA	3/31/23
4	Ripley W. "Gary" McClure	**Shread-Kuyrkendall & Associates, Inc.**	P.E. (Civil) 24035	LA	9/30/22
5	Orien Butler	Marrero, Couvillon & Associates, LLC.	P.E. (Electrical) 38553	LA	9/30/23
6	Sheelagh Brin Ferlito, PE, PTOE	Vectura Consulting Services, LLC	PE.0025383	LA	9/30/23
6	Laurence Lambert, PE, PTOE, PTP	Vectura Consulting Services, LLC	PE.0029901	LA	3/31/24
6	Prasanth Malisetty, PE, PTOE, PTP, RSP1	Vectura Consulting Services, LLC	PE.0035792	LA	3/31/23
6	Reece Rodrigue, PE, PTOE	Vectura Consulting Services, LLC	PE.0042074	LA	3/31/24
6	Kristen Farrington, PE, PTOE	Vectura Consulting Services, LLC	PE.0042785	LA	3/31/23
7	Paul Clifton, PWS	Providence Engineering and Environmental Group LLC	Professional Wetland Scientist No. 3326	LA	1/09/26

16. Staff Experience:

Firm employed by: Shread-Kuyrkendall & Associates, Inc.					
Name	**Richard R. Shread, P.E., P.L.S.**		Years of relevant experience with this employer	34	
Title	PRINCIPAL		Years of relevant experience with other employer(s)	14	
Degree(s) / Years / Specialization			B.S. / 1974 / Civil Engineering MBA / 1979 / Business Admin		
Active registration number / state / expiration date			18983 / LA / September 30, 2022 PLS. No. 4695 / LA / September 30, 2022		
Year registered	1980/1993	Discipline	Civil Engineering / Land Surveyor		
Contract role(s) / brief description of responsibilities			Mr. Shread, principal managing officer, is responsible for overall financial, personnel and policy management. In addition, he shares responsibility for business development and continues to serve as Principal-in-Charge for contract administration on specific projects. Mr. Shread's role will be Principal. **Meets MPR 1 & 2**		
Experience dates	Experience and qualifications relevant to the proposed contract.				

Mr. Shread has been designing roadways and bridges associated with Interstate highways for well over 48 years. During this period, Mr. Shread has been in charge of design and construction of multiple Interstate projects such as I-49, I-12, and I-10.

Bridge & Roadway Design	
10/16-Present	**H.011152 / I-12 Widening (US 190 to LA 59):** *St. Tammany Parish* – (Subconsultant to T. Baker Smith, LLC) Mr. Shread served as a principal in responsible charge of the Preliminary & Final Design of **I-12 bridges over US 190**, including 3 – 12' travel lanes, 12' inside shoulders and 12' outside shoulder. The design included AASHTO Type II & Type IV P.S. Girders. Total length of the two bridges 680 ft. each.
10/12 - Present	**H.009266 / I-10 (LA 73 to LA 30):** *Ascension Parish* – – **Currently in design, this project is very similar to this advertised project for the I-20 widening.** Our firm was contracted to provide topographic survey services and preliminary and final roadway and bridge design services to widen I-10 from a 4-lane freeway section to a 6-lane freeway section. The roadway section is approximately 4.5 miles long. The bridge design services include the widening or replacement of the overpasses at LA 429 and LA 30, as well as the bridges at Bayou Smith. Mr. Shread serves as principal, overseeing implementation of the design for this project.
06/10-12/12	**H.007811 / US 61 Bridge over the Comite River Diversion:** *East Baton Rouge Parish* – This is a bridge and roadway project being funded through the COE for the future Comite River Diversion Canal. US 61 is a four-lane divided highway with **twin span bridges** crossing the canal. Each bridge consisted of 5-70 foot Type III Girder spans over a

	skewed channel with two continuous units for a total bridge length of 350'. Mr. Shread served as principal for this project.
06/04- 11/06	**742-17-0147 / Sullivan Bridge and CN & IC Railroad Bridge/Central Thruway:** *East Baton Rouge Parish* – The Sullivan Bridge is a 2-span continuous unit consisting of 5-75 foot Type III Girder spans on a curve for a total length of 375 feet. The **CN & IC RR Bridge** has 7 continuous units consisting of 18-75 foot Type III Girder spans with 1-110 foot Type BT-63 Girder span over the railroad for a total length of 1,450 feet. Mr. Shread has served as project manager from the start of the project until its completion.
11/13-02/15	**13-BR-LA-0003, 13-BR-LA-0012, 13-BR-LA-0014 / Multiple Bridge Replacements:** *East Baton Rouge Parish* **–** Mr. Shread was principal in responsible charge for the bridges located on Mollylea Drive, Claycut Drive, and Albert Drive in Baton Rouge that were in poor condition. The Parish contracted with SKA to replace these bridges and to make channel improvements as needed. Environmental clearance through a Categorical Exclusion (CE) was obtained and the bridges were replaced. These bridges required detour measures that were accommodating to the local area. **Hydraulic analysis** was performed to determine the required bridge opening and any necessary scour protection was identified. HEC-RAS and LADOTD Hydraulics software was used for the analysis.
06/18-Present	**H.001799 / LA 531 Overpass:** *Webster Parish* – As principal, Mr. Shread is overseeing that Shread-Kuyrkendall & Associates is providing preliminary plans for roundabouts at the interstate ramp termini and the corresponding roadway tie-ins for the LA 531 bridge replacement. The project is approximately 0.3 miles long along LA 531. Roundabouts will be constructed at the I-20 entrance/exit ramp intersections with LA 531 both to the north and south of the LA 531 overpass.
04/14-Present	**H.004435 / LA 3241 (LA 36 to LA 435):** *St. Tammany Parish* – Currently in the construction phase. This project consists of approximately eight (8) miles of a new alignment in St. Tammany Parish. This new roadway is a four-lane rural arterial freeway (roadway classification RA-3).
	H.013579, H.003047, & H.012290 / Pecue Lane / I-10 Interchange: *East Baton Rouge Parish* – Mr. Shread served as supervisor for Louisiana's first Diverging Diamond Interchange (DDI). The project was ultimately broken into three separate phases and design plans to facilitate federal redistribution funding requirements, and the design team was challenged with an accelerated schedule as a result. The DDI includes full eastbound and westbound on and off ramps on I-10 and widens Pecue Lane to six lanes with a connector to Rieger Road.
10/10-Present	**H.007154, H.007152, H.002303 / Central Thruway:** *East Baton Rouge Parish* – This project involved the design and construction of a 2-lane roadway for 5.2 miles on a new alignment including seven bridges. Also included in the scope of this project was a corridor study, an environmental assessment, topographic surveys, right-of-way maps and property surveys. Mr. Shread has served as project manager from the start of the project until its completion.

16. Staff Experience:

Firm employed by: Shread-Kuyrkendall & Associates, Inc.					
Name	**Ripley "Gary" W. McClure, P.E.**		Years of relevant experience with this employer	31	
Title	PRINCIPAL/ENGINEERING SUPERVISOR		Years of relevant experience with other employer(s)	8	
Degree(s) / Years / Specialization			B.S. / 1982 / Civil Engineering		
Active registration number / state / expiration date			24035 / LA / September 30, 2022		
Year registered	1988 /1994	Discipline	Civil Engineering / Environmental Engineering		
Contract role(s) / brief description of responsibilities			Mr. McClure's role will be Engineering Supervisor and responsible for QA/QC **Meets MPR 3 & 4**		
Experience dates	Experience and qualifications relevant to the proposed contract.				
Mr. McClure has over 39 years of experience in the design of roadways and bridges. Early in his career, he designed sections of I-49 through Alexandria and Shreveport. Although his primary background is design of roadways and bridges, his structural background other than bridges has been the design of operation buildings for municipal agencies (sewer and water), truss walkways, gantries, and pipe racks which is similar to the structural design requirements of this RFQ.					
Structural/Bridge/Roadway Design					
10/12-Present	**H.009266 / I-10 (LA 73 to LA 30):** *Ascension Parish* – **Currently in design, this project is very similar to this advertised project for the I-20 widening.** This project involves the widening of approximately 4.5 miles of Interstate 10 from LA 73 to LA 30. Project scope includes widening the interstate from two lanes in each direction to three lanes in each direction. This project had been on hold due to funding but has recently been fully funded with design underway. Phased construction of bridges at the LA 73 interchange with I-10 requires diversion crossovers and ramp modifications.				
06/20-05/22	**H.012588, H.012169, H.012587/ I-10 (Atchafalaya Basin Bridge to LA 415):** *West Baton Rouge and Iberville Parishes* – **These projects are very similar to this advertised project for the I-20 widening.** Mr. McClure was project engineer for these improvements which involved the overlay and raising of the grade by 8". The asphalt paving was tapered at bridges to allow for smooth transitions. DOTD design guidelines were followed to bring the interstate up to the guideline standards. Fill was used on fore slopes to tie in and match the new 8" overlay. Guardrail was replaced using MASH special details. Existing cable barrier was removed and replaced closer to the shoulder to improve maintenance. Underdrains and cross drains were modified as needed.				

10/16-Present	**H.011152 / I-12 Widening (US 190 to LA 59):** *St. Tammany Parish* – Mr. McClure was the bridge design engineer for this project. This section of I-12 (US 190 to LA 59) is being widened from 4 lanes to 6 lanes. Shread-Kuyrkendall's involvement is with the **two girder span bridges over US 190** as a subconsultant. This design includes 3 – 12 foot travel lanes, 12 foot inside shoulder and 12 foot outside shoulder. **Truss sign supports for the newly widened structures with modifications to the existing structures for the trusses was part of this project**. Mr. McClure is currently providing construction support for the project. The design includes AASHTO Type II & Type IV P.S. Girders. Total length of the two bridges is 680 feet each.
10/10 – Present	**H.013579, H.003047, & H.012290 / Pecue Lane / I-10 Interchange:** *East Baton Rouge Parish* – Mr. McClure served as supervisor and bridge design engineer for **Louisiana's first Diverging Diamond Interchange (DDI).** The project was ultimately broken into three separate phases and design plans to facilitate federal redistribution funding requirements, and the design team was challenged with an accelerated schedule as a result. The DDI includes full eastbound and westbound on and off ramps on I-10 and widens Pecue Lane to six lanes with a connector to Rieger Road. To accommodate the ramps, widening of I-10 was necessary. A Final Level 4 TMP was required for this project. A rolling roadblock was used for demolition and girder placement.
04/14-Present	**H.004435 / LA 3241 (LA 36 to LA 435):** *St. Tammany Parish* – Currently in the construction phase. This project consists of approximately eight (8) miles of a new alignment in St. Tammany Parish. This new roadway is a four-lane rural arterial freeway (roadway classification RA-3).
03/21-Present	**20-CS-HC-0015 / Hennessey Blvd. – Perkins Rd. Connector Railroad Bridge:** *East Baton Rouge Parish* – Presently, an existing at grade rail crossing with two (2) tracks. EBR has contacted with SKA to build an underpass of the roadway beneath the existing railroad. This project involves a steel girder railroad bridge overpass of an arterial road in Baton Rouge. This bridge will be constructed with the rail track remaining live which requires significant shoring with temporary sheeting, waler, and rakers to build one track at a time. Steel girders are the design preference by KCS with a concrete deck and ballast for the railway which is being designed by Mr. McClure.
02/04- 11/09	**H.007154, H.007152, H.002303 / Central Thruway:** *East Baton Rouge Parish* – This project involved the design and construction of a 4-lane divided thruway for 5.2 miles on a new alignment including seven bridges. Also included in the scope of this project was a corridor study, an environmental assessment, topographic surveys, right-of-way maps and property surveys. Mr. McClure served as project manager from the start of the project until its completion.

16. Staff Experience:

Firm employed by: Shread-Kuyrkendall & Associates, Inc.					
Name	**John P. Raymond, P.E.**		Years of relevant experience with this employer	30	
Title	SENIOR PROJECT ENGINEER /DESIGNER		Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization			B.S. / 1992 / Civil Engineering		
Active registration number / state / expiration date			27988 / LA / September 30, 2022		
Year registered	1998	Discipline	Civil Engineering		
Contract role(s) / brief description of responsibilities			Mr. Raymond's role will be Roadway Design and Project Manager. **Meets MPR 3**		
Experience Dates	Experience and qualifications relevant to the proposed contract.				
Mr. Raymond has been a Project Manager/Design Engineer on multiple classes of roadways throughout his 30 year career with Shread-Kuyrkendall & Associates. He has designed and managed rural and urban Interstate, Arterials, and local roads and is very knowledgeable with LADOTD standards and requirements.					
Roadway Design					
06/18-Present	**H.001799 / LA 531 Overpass:** *Webster Parish* – This project has been completed and is ready for construction. This project involved plans for roundabouts at the interstate ramp termini and the corresponding roadway tie-ins for the LA 531 bridge replacement. The project is approximately 0.3 miles long along LA 531. Roundabouts will be constructed at the I-20 entrance/exit ramp intersections with LA 531 both to the north and south of the LA 531 overpass. Mr. Raymond served as project manager and road design engineer for this project.				
10/12-Present	**H.009266 / I-10 (LA 73 to LA 30):** *Ascension Parish* – **Currently in design, this project is very similar to this advertised project for the I-20 widening.** Mr. Raymond is managing and designing the roadway work for LADOTD for the widening of approximately 4.5 miles of Interstate 10 from LA 73 to LA 30. Project scope includes widening the interstate from two lanes in each direction to three lanes in each direction. Responsibilities include project management, geometric and hydraulic design, sequence of construction, earthwork, and tabulation of quantities. This project had been on hold due to funding but has recently been fully funded with design underway.				
04/14-Present	**H.004435 / LA 3241 (LA 36 to LA 435):** *St. Tammany Parish* – Currently in the construction phase. Mr. Raymond is managing and designing the roadway work for LADOTD for approximately eight miles of a new alignment in St. Tammany Parish. This new roadway is a four-lane rural arterial freeway (roadway classification RA-3). Responsibilities include project management, geometric and hydraulic design, sequence of construction, design of superelevation, earthwork, and tabulation of quantities.				

10/10-Present	**H.013579, H.003047, & H.012290 / Pecue Lane / I-10 Interchange:** *East Baton Rouge Parish* – Mr. Raymond served as project manager and lead design engineer for Louisiana's first Diverging Diamond Interchange (DDI). Mr. Raymond led a team of seven local firms to provide Preliminary and Final plans for this high-profile project which included City-Parish, LADOTD, and Federal involvement and funding. The project was ultimately broken into three separate phases and design plans to facilitate federal redistribution funding requirements, and the design team was challenged with an accelerated schedule as a result. The DDI includes full eastbound and westbound on and off ramps on I-10 and widens Pecue Lane to six lanes with a connector to Rieger Road.
8/10-1/15	**H.003107 / French Branch Bridge – West Pearl River Bridge (I-10/I-12/I-59):** *St. Tammany Parish* – This project included the pavement preservation of the I-10/I-12/I-59 interchange. The improvements and repairs included rubblization, pavement replacement, and overlay for cross slope correction. Mr. Raymond assisted in the design of this project.
04/10- 06/11	**H.007152 / Central Thruway Paving (Frenchtown Road to Greenwell Springs Road):** *East Baton Rouge Parish* – Mr. Raymond designed subproject for Central Thruway which involved implementation of pavement over existing earthwork project previously let. Plan preparation for pavement placement, geometrics, joint layouts, earthwork, and quantities.
02/09- 11/10	**H.002303 / LA 37 @ Central Thruway:** *East Baton Rouge Parish* – Mr. Raymond designed urban intersection and roadway improvements (UA-2) for LADOTD and the Baton Rouge Green Light Plan. Designed urban drainage, horizontal and vertical alignments, geometrics, joint layouts, graphical grades, sequence of construction, earthwork, and quantities.
11/07-12/14	**H.009064, H.009987, H.009717, H.009712 et. al./ LADOTD Submerged Roads Program (Paths to Progress) (Phase A and Phase B):** *Multiple Parishes* – Mr. Raymond designed and managed the repair of urban roadways damaged during Hurricane Katrina. Recommended repairs for 25+ urban streets in Orleans, Jefferson, and St. Bernard Parishes. Identification of base failures, recommended repairs, development of typical sections, sequence of construction and quantities.
10/07- 01/10	**258-32-0022 / Essen Lane (LA 3064 at Interstate 10):** *East Baton Rouge Parish* – Mr. Raymond designed and managed urban intersection improvements (UA-2) for LADOTD and the Baton Rouge Green Light Plan. Designed geometry to implement dual left-turn lanes on Essen Lane and additional I-10 ramp lanes. Designed urban drainage, horizontal and vertical alignments, geometrics, joint layouts, graphical grades, sequence of construction, earthwork, and quantities.
10/06- 08/07	**258-31-0015 & 258-33-0006 / Burbank Drive / LA 42 (Bluebonnet to Highland):** *East Baton Rouge Parish* – Mr. Raymond designed and managed addition of two new lanes of rural highway and urban connecting intersections for LADOTD and the Baton Rouge Green Light Plan. Designed urban and rural drainage, horizontal and vertical alignments, superelevation, geometrics, joint layouts, graphical grades, sequence of construction, earthwork, and quantities.

16. Staff Experience:

Firm employed by: Shread-Kuyrkendall & Associates, Inc.				
Name	**Niccola D. Gill, P.E.**		Years of relevant experience with this employer	20
Title	SENIOR PROJECT ENGINEER /DESIGNER		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			B.S. / 2002 / Civil Engineering	
Active registration number / state / expiration date			32914 / LA / March 31, 2023	
Year registered	2007	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Ms. Gill's role will be Roadway Design. **Meets MPR 3**	

Experience dates	Experience and qualifications relevant to the proposed contract.

Ms. Gill has been a Project Manager/Design Engineer on multiple classes of roadways and various complex bridge structures for over 20 years with Shread-Kuyrkendall & Associates. She has designed and managed rural and urban Interstate, Arterials, and local roads as well as Interstate and Arterial Bridges. Her experience is expansive with transportation projects.

Roadway and Bridge Design	
09/19 - Present	**H.010155 / US 90: Rail Spur Removal SE of LA 85:** *Iberia Parish* – **For the future I-49,** Ms. Gill is the Project Engineer and Lead Design Engineer for this project which consists of preliminary and final plans for roadway and structure improvements at the existing at grade railroad crossing at US 90 in Iberia Parish. The existing at-grade railroad crossing will be replaced with a bridge structure crossing the railroad. The existing frontage roads will be used for traffic diversion during bridge construction. Ms. Gill is also designing the roadway approaches for several thousand feet to accommodate the bridge structure.
10/12-Present	**H.009266 / I-10 (LA 73 to LA 30):** *Ascension Parish* – **Currently in design, this project is very similar to this advertised project for the I-20 widening.** Ms. Gill is designing the bridges for the widening of approximately 4.5 miles of Interstate 10 from LA 73 to LA 30. Project scope includes widening the interstate from two lanes in each direction to three lanes in each direction. This project involves the widening of approximately 4.5 miles of Interstate 10 from LA 73 to LA 30. This project had been on hold due to funding but has recently been fully funded with design underway. Phased construction of bridges at the LA 73 interchange with I-10 requires diversion crossovers and ramp modifications.
06/20-05/22	**H.012588, H.012169, H.012587/ I-10 (Atchafalaya Basin Bridge to LA 415):** *West Baton Rouge and Iberville Parishes* – **These projects are very similar to this advertised project for the I-20 widening.** Ms. Gill was lead

Cont'd.	design engineer for these improvements which involved the overlay and raising of the grade for I-10 by 8". The asphalt paving was tapered at bridges to allow for smooth transitions. DOTD design guidelines were followed to bring the interstate up to the guideline standards. Fill was used on fore slopes to tie in and match the new 8" overlay. Guardrail was replaced using MASH special details. Existing cable barrier was removed and replaced closer to the shoulder to improve maintenance. Underdrains and cross drains were modified as needed.
08/10-01/15	**H.003107 / French Branch Bridge – West Pearl River Bridge (I-10/I-12/I-59):** *St. Tammany Parish* – **An Interstate Project very similar to this advertised project for the I-20 widening.** This project included the pavement preservation of the I-10/I-12/I-59 interchange. The improvements and repairs included rubblization, pavement replacement, and **overlay for cross slope correction**. Ms. Gill performed roadway design and traffic control for the design of this project.
03/21-Present	**20-CS-HC-0015 / Hennessey Blvd. – Perkins Rd. Connector Railroad Bridge:** *East Baton Rouge Parish* Presently, an existing at grade rail crossing with two (2) tracks. EBR has contacted with SKA to build an underpass of the roadway beneath the existing railroad. This project involves a steel girder railroad bridge overpass of an arterial road in Baton Rouge. This bridge will be constructed with the railroad remaining live which requires significant shoring with temporary sheeting, waler, and rakers to build one track at a time. Steel girders are the design preference by KCS with a concrete deck and ballast for the railway. Ms. Gill is Project Engineer and Lead Design Engineer for this project.
04/14 - Present	**H.004435 / LA 3241 (LA 36 to LA 435):** *St. Tammany Parish* – Currently in construction, Ms. Gill was the bridge design engineer for this project and was responsible for the design of the caps, Type III girders, deck, and other parts of the bridges in accordance with the most recent AASHTO LRFD requirements. Ms. Gill utilized LEAP software for all aspects of the bridge such as girders and caps. Additionally, she performed **hydraulic analysis** for the bridges using HEC-RAS software to establish the pile spacing and location of the bridges as well as velocities and scour potential.
10/10-Present	**H.013579, H.003047, & H.012290 / Pecue Lane / I-10 Interchange:** *East Baton Rouge Parish* – Ms. Gill served as environmental support and **hydraulic design engineer** for **Louisiana's first Diverging Diamond Interchange (DDI)**. SKA led a team of seven local firms to provide Preliminary and Final plans for this high profile project which included City-Parish, LADOTD, and Federal involvement and funding. The DDI includes full eastbound and westbound on and off ramps on I-10 and widens Pecue Lane to six lanes with a connector to Rieger Road.

16. Staff Experience:

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

Firm employed by: Vectura Consulting Services, LLC					
Name	Sheelagh Brin Ferlito, PE, PTOE			Years of experience with this firm/employer	6
Title	Supervisor			Years of experience with other firm(s)/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			Supervisor for Safety		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
07/19 – current	**H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement PPP (Belle Chasse, LA)** Brin is the project manager for the **temporary and permanent traffic signal plans** for the intersections of LA 23 at Burmaster St and at Engineers Rd. She based her traffic signal plans 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. She coordinated the detour plans based on the sequence of construction as part of the **Level 2 Transportation Management Plan (TMP**).
07/18 – 04/19	**LA 1 Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Design West Baton Rouge Parish, Addis, LA** Brin developed a Pedestrian Crosswalk Study and **Traffic Signal Construction Plans** for the intersection of LA 1 at LA 990 in Addis, LA. The study was based on DOTD Traffic Engineering Manual Crosswalk Guidelines followed by traffic signal design plans based on DOTD requirements. The study included traffic and pedestrian traffic data collection, a speed study, crash analyses, intersection analyses and progression analyses. The signal plans included pedestrian signal equipment, signal timing parameter calculations, crosswalk striping, signs, DOTD pay items, estimated quantities, and construction cost. Brin also assisted with the Parish with the DOTD Permit Request for Intersection Control Devices on a State Right of Way.
09/17 - 04/18	**US 11 at US 190 Bus. (Fremaux Ave.) Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Equipment Design Slidell, LA** Brin developed a formal traffic study for a proposed crosswalk with pedestrian traffic signal equipment and pedestrian clearance timings based on DOTD requirements. Brin assisted with vehicle and pedestrian data collection, **analyzed 3-year intersection crash data,** and developed signal timing for pedestrians to cross the street. Her report included **alternative analyses** options for intersection improvements. The recommended alternative was advanced through the development of traffic signal upgrade plans.
09/16 - 04/17	**H.004957.5 I-12 To Bush - LA 3241 (I-12 – LA 36) Corridor Study (St. Tammany Parish, LA)** Brin was the project manager of a formal DOTD traffic study for the new alignment of LA 3241 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. The traffic study included **alternative analyses** to improve the safety and efficiency of the roadway consistent with the latest DOTD policies related to access management and complete streets. Specific access management features examined included intersection improvements, median openings,

	and U-turns, spacing and type of openings, signalization of intersections and roundabouts. Brin developed the **safety analyses report** for the project
01/17 – 07/17	**Stage 0 Feasibility Minnesota Park Road Improvements (Tangipahoa Parish, LA)** Brin was the task leader for a **safety analysis** and traffic signal timings of a **Stage 0 Feasibility Study**. Brin utilized Vistro software to develop the signal timings that were entered in Sidra for a Highway Capacity Manual Analyses. Brin also assisted Laurence with the traffic data collection and provided Quality Control review of the traffic study.
02/17 - 10/17	**Stage 0 Judge Tanner Boulevard at N. Causeway Roundabout Study (St. Tammany Parish, LA)** Brin developed the **safety analyses** for a **Stage 0 Study** for 4 intersections in the Mandeville area. The study was based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual Section 20.2. Brin assisted collecting 7-day, 24-hour counts w/ Classification, turning movement counts for peak periods and speed data for mainlines. She developed signal timing in the PTV Vistro software. The signal timings were then used in Sidra to complete the HCM analyses. Brin provided a quality control review of the traffic report.
06/16 - 09/17	**H.004490 Stage 0 Roundabout Studies (Lafayette Parish, LA)** Brin developed sections of a **Stage 0 Feasibility Study** for roundabouts the conformed to DOTD EDSMs and Traffic Engineering Manual Section 20.2 at ten intersections in the Lafayette area. Brin, along with Laurence, collected 7-day, 24-hour counts w/ classification, turning movement counts for AM and PM peak periods and speed data for mainlines. Brin provide a QC review of the Sidra analyses and developed traffic signal timing for 3 intersections for Years 2019 and 2039, AM & PM peak hours and **developed a crash analysis** as defined in Section 20.2 of TEM. CMF factors were identified for the preferred alternative to predict the number of crashes that could be eliminated. Brin provided a QC review of the final draft.
08/12 - 05/13	**H.009998 LA 935 Safety / Stage 0 Study (Ascension Parish, LA)** Brin developed the safety analyses report for the **Stage 0 Study**. She coordinated and collected existing traffic data using Jamar equipment. She used HCS and **Interactive Highway Safety Design Model** (IHSDM) Software for the analyses. She developed MicroStation drawings with scaled aerials to show crash diagram locations as well as proposed alternate layouts. Histograms developed in Excel were used to show the comparison of various crash conditions with statewide averages. Crash records for 3 years were obtained from crash1 database.
01/09 – 03/12	**S.P. No. 700-99-0332 US 165 Corridor Study Pineville** Brin was the Senior Project Engineer for a corridor traffic study in Pineville, LA. The project included traffic data collection, forecast traffic volume development, existing analyses and proposed **alternative analyses** that included improved traffic signal timings. She used Highway Capacity Manual software, Sidra software and VISSIM traffic simulation software to evaluate existing and proposed alternative conditions. Access management principles were applied to the proposed alternatives.
08/07 - 01/08	**S.P. No. 700-99-0332, T.O. N0. 701-65-0868, I-12 VISSIM Modeling (East Baton Rouge Parish)** Brin reviewed collected traffic data, historical traffic data and observed queues on I-12 and the interchanges between Airline Highway and O'Neal Lane during the peak periods. She developed peak hour traffic volume maps for the study area and then developed the VISSIM Model for the peak hours that included static routing, demand traffic volumes, lane geometry, conflict areas, and priority rules to replicate existing conditions. She also developed VISSIM models for **alternative analyses** options to the O'Neal Lane ramps.
03/05 – 11/05	**Airline Hwy Widening SPN 700-99-0332 (Baton Rouge, LA)** Brin designed 8 traffic signals as part of the Airline Hwy. widening project in Baton Rouge. Her design included traffic signal equipment, **signal synchronization timing**, 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.

16. Staff Experience:

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

Firm employed by: Vectura Consulting Services, LLC			
Name	Laurence Lucius Lambert, II, PE, PTOE, PTP	Years of experience with this firm/employer	6
Title	Supervisor	Years of experience with other firm(s)/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		Traffic Analysis QC	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
02/21 - 03/21	**H.013256.5 I-10 ITS Scott to Lake Charles (Southwest Louisiana)** Laurence was the lead traffic engineer for a Level 2 **Traffic Management Plan** (TMP) for the construction of ITS equipment along I-10. The plan included a safety strategy that included a CAT Scan, LOS determination utilizing Citrix data, lane closure recommendations based on a queue analysis and public information strategies.
02/21 – 01/22	**LA 67 (Plank Rd) Corridor Enhancement – Dawson Street to Harding Blvd (Baton Rouge, LA)** Laurence was the principal in charge for the MOVEBR project on a state route (LA 67). Laurence in cooperation with DOTD and the City-Parish of East Baton Rouge wrote the scope for a bicycle and pedestrian enhancement project. The scope was written to conform to the TEPR process. Laurence provided all **Quality Control (QC)** and project management functions of the project.
04/18 – 12/21	**H.010960.5 LA 30 Roundabouts at Tanger & I-10 Gonzales (Ascension, LA)** Laurence provided a Quality Control review of the **temporary construction and sequence of construction plans**. Vectura also 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 MUTCD details on roundabouts.
04/18 – 12/21	**H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish)** Laurence provided a Quality Control review of the **temporary construction and sequence of construction plans**. Vectura also 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.
10/17 - 10/18	**H.013025 LA 182 (University Avenue) Corridor Planning Study (Lafayette, LA)** Laurence was the lead transportation engineer for a **Corridor Planning Study** for LA 182. The scope focused on improving safety and mobility for pedestrian, bicycle, and transit users. Laurence collected AM & PM peak vehicle turning movement counts as well as pedestrian and bicycle counts. Laurence coordinated with the Acadiana Planning Commission to **develop growth rates and design year volumes**. Laurence then **performed Highway Capacity Manual analysis** for 5 intersections along the intersection analyses for the signalized and roundabout controlled alternatives. Included in the study was a safety analyses of five intersections and the intermediate segments. Based on the results of the safety analysis, Laurence provided design criteria to the design team for improving safety of pedestrians, bicycles, and vehicles.

02/17 - 10/17	**STPN 17-023 Stage 0 Judge Tanner Boulevard at N. Causeway Roundabout Study (St. Tammany Parish, LA)** Laurence developed a **Stage 0** Feasibility Study for roundabouts at 4 intersections in Mandeville area. Laurence, along with Brin, collected 7-day, 24-hour counts w/ classification on mainlines, turning movement counts for peak periods and speed data for mainlines. Laurence coordinated with the New Orleans Regional Planning Commission to develop growth rates and design year volumes from the TransCAD model. He performed traffic signal warrants analyses, performed a Sidra unsignalized, signalized and roundabout analyses.
06/16 - 09/17	**H.004490 Stage 0 Roundabout Studies, (Lafayette Parish, LA)** Laurence performed a **Stage 0 Feasibility Study** for roundabouts at ten intersections in the Lafayette area. The scope was developed based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual Section 20.2. Laurence, along with Brin, **collected 7-day, 24-hour counts w/ classification, turning movement counts for peak periods and speed data for mainlines**. Once the traffic data was collected, Laurence performed **traffic signal warrants analyses**, performed a Sidra unsignalized, signalized and roundabout analyses. After the analyses were completed, Laurence developed a report that captured the results.
09/16 - 04/17	**H.004957.5 I-12 To Bush - LA 3241 (I-12 – LA 36) Corridor Study (St. Tammany Parish, LA)** Laurence was the lead traffic engineer for a **DOTD traffic study** for the new LA 3241 alignment with the purpose of obtaining both existing and projected future traffic variables in accordance with standard operating procedures typically performed in these types of analyses. Laurence worked closely with the NORPC and District 62 to develop design year volumes using data the TransCAD model. The traffic study examined concepts that improved the safety and efficiency of the roadway consistent with the latest DOTD policies related to access management. Laurence, along with Brin, **collected 7-day, 24-hour counts** w/ classification on mainlines, turning movement counts for morning and evening peak periods and speed data for mainlines. Laurence also developed a VISSIM **traffic simulation model** of the preferred alternative.
01/17 – 07/17	**Stage 0 Feasibility Minnesota Park Road Improvements (Tangipahoa Parish, LA)** Laurence was the task leader for traffic data collection and intersection analyses of a **Stage 0 Feasibility Study**. Laurence utilized the Highway Capacity Manual Analyses software Sidra software to perform an alternative analysis. Laurence was the principal author of the traffic study for the **Stage 0**.
03/10 - 11/11	**S.P. No. 700-09-0171 Stage 0 and 1 Study I-49 Inner City Connector (Shreveport, LA)** This 3.5-mile route will connect existing I-49 / I-20 interchange to the proposed I-49 / I-220 interchange. After completing the **Stage 0**, Laurence was the project manager for the traffic analyses for the EA phase. The total traffic analyses effort included over 30 TransCAD Models, 20 interchanges and 70 intersections. Analyses included signalized and unsignalized intersections, basic freeway segments, freeway merge / diverge segments and freeway weaving segments at the studied intersections and interchanges. This project included performing both Interchange Modifications Reports (IMRs) and Interchange Justification Reports (IJRs).
11/09 – 08/10	**I-12 at Millerville Road Interchange Modification Request (Baton Rouge, LA)** The scope of this project consisted of preparing and obtaining environmental clearance for the proposed future roadway and signal improvements at the I-12 / Millerville Road Interchange. Laurence prepared documents and obtained environmental clearance for all on-site work and held public meetings. Laurence developed all HCS analyses and a micro-simulation model. Laurence also participated in several public meetings to satisfy the environmental clearance requirements.
04/04 - 09/06	**Stage 0 I-10 at Pecue Lane Interchange Justification Study (Baton Rouge, LA)** Laurence was the lead traffic engineer for a **Stage 0** traffic study analyzing the proposed interchange at I-10 and Pecue Lane. Laurence developed current and future traffic volumes based on the CRPC **TransCAD model** growth rates. Using HCS, Laurence **analyzed signalized and unsignalized intersections**, 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	**I-10 Frontage Roads, Picardy Interchange, Bluebonnet Siegen (Baton Rouge, LA)** 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 **feasibility studies**, 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.

16. Staff Experience:

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

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

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
02/21 – 01/22	**LA 67 (Plank Rd) Corridor Enhancement – Dawson Street to Harding Blvd (Baton Rouge, LA)** Prasanth is the project manager for the MOVEBR project on a state route (LA 67). Prasanth, along with Reece, performed the field check observations per the **TEPR process**. Prasanth also read the crash reports and provided a summary of each crash. Prasanth was the lead author for Chapter 1 of the traffic study.
12/18 – 7/20	**H.002297 LA 37 Sullivan Road to Liberty Road, Baton Rouge, LA.** Prasanth was the project manager to develop feasible roadway improvement that will improve operation and increase safety along the LA 37 corridor. The project included **data collection, development of growth rates, existing and future traffic analyse**s. Prasanth was responsible for traffic forecasting for no-build and future alternatives using the CRPC travel demand models. Also, performed the **existing and future traffic analysis** and propose potential alternatives to mitigate existing deficiencies.
11/17 – 12/18	**H.013264 District 08 Safety Investment Plan.** Prasanth was the project engineer responsible for preforming districtwide **safety analysis** and preliminary engineering studies for various locations considered high potential for safety improvements. Responsible for evaluating crash statistics to identify possible roadway issues by using appropriate safety analysis tools and recommend potential operation safety countermeasures. Developed Countermeasure Evaluation Tool (CET) tool which aid in determining total crash reduction for each proposed countermeasure with associated cost savings and perform benefit / cost analysis.
10/16-12/18	**H.012685 LA 385 Ryan Street Feasibility Study, Lake Charles, LA.** Prasanth was the project engineer responsible for **developing feasible alternatives** to preserve / enhance mobility and safety along the corridor. The 1.8-mile corridor study area includes 22 intersections and 133 driveways. The project included **data collection, safety / crash review, traffic forecasting, developing alternatives, analysis of existing and proposed conditions and benefit / cost analysis**. The future year traffic for the proposed roadway alternatives was forecasted utilizing IMCAL travel demand model.
01/16 – 11/17	**H.012307 LA 6 Stage 0 Feasibility Study, Natchitoches, LA**. Prasanth was the project engineer for a **Stage 0** Feasibility study and develop short-term and long-term solutions to improve safety and mobility along the corridor. Responsible for safety analysis and alternatives analyses which includes roundabouts, R-CUT and signalized intersection using Synchro, Sidra and Vissim software.

06/15 – 12/16	**H.011280 LA 10 Stage 0 Feasibility Study, Bogalusa, LA.** Prasanth was the project engineer responsible for performing **Stage 0** Feasibility study along the corridor. Responsible for traffic forecasting, safety analysis and developing alternative concepts to improve corridor operations. NORPC regional demand model output was utilized to determine traffic distribution pattern in the region and to forecast future year traffic volumes along the study area.
02/15-12/16	**H.011403 LA 1208-3 Corridor Study, Alexandria, LA.** Prasanth was the project engineer responsible for developing and examining the concepts that shall improve the safety and efficiency of the corridor. The **proposed alternatives** included modifying roadway characteristics, intersection capacity improvements and roundabouts. Responsible for **safety analysis and alternatives analyses** that included roundabouts, and signalized intersection using Synchro and Sidra.
6/11 – 8/12	**H.002397 LA 16 – I-12 Interchange, Livingston Parish, LA.** Prasanth was the project engineer responsible for traffic forecasting, interchange analysis using **HCM and intersection analysis** using Synchro. Responsible for developing multiple interchange alternative concepts and analysis. The regional impact on the roadway network for the proposed interchange alternatives was determined utilizing CRPC travel demand model.
01/11 – 04/12	**H.005734 LA 447 Corridor Study, Walker, LA.** Prasanth was the project engineer responsible for **developing alternatives** to mitigate existing corridor congestions and enhance safety and mobility along the corridor. Developed microsimulation models using Vissim to perform alternative analyses which includes eight roundabout geometry intersections. The 10.2-mile study area includes 60 intersections and 64 driveways.
1/11 – 1/12	**H.008915 LADOTD, Stage 0 Study for LA 3234 Extension, Hammond, LA.** The **Stage 0** project was conceptualized by DOTD to support intermodal connectivity at Hammond Northshore Regional Airport. Prasanth was the project engineer responsible for traffic forecasting, and traffic analysis for no-build and proposed routing alternatives. A new regional travel demand model was developed for the city of Hammond to estimate future travel demand throughout the region associated with proposed project routing alternatives.
09/10 – 2/12	**S.P. No. 700-99-0447 US 190 Superstreet Study, Covington, LA**. Prasanth was the project engineer responsible for **performing corridor study** and develop solutions to improve mobility along the corridor. The alternatives analyses included R-CUT and signalized intersection using Synchro and SimTraffic. Responsible for data collection, travel time runs and intersection analysis.
12/18 – 7/20	**H.012018 LCG Adaptive Traffic Signal System, Lafayette, LA.** The project was to develop an Adaptive Traffic Signal network for the Lafayette Consolidated Government, which involved upgrading 190 traffic signal controllers. In addition, 79 traffic signals will be upgraded to become adaptive traffic signals. This will be 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**
8/10 – 2/18	**LADOTD Traffic Engineering Contracts – Statewide, LA| Project Engineer.** As a project engineer for numerous task orders for Signal Timing Studies and Designs, Prasanth was responsible for coordinating **data collection tasks, intersection analysis, crash analysis,** developing coordinated signal timing plans and field implementation / fine tuning along 27 corridors throughout statewide which involved 264 intersections. Following are the list of corridors: • District 04; LA 1, LA 526 & US 171, Shreveport, LA; LA 3, LA 3105 & LA 72, Bossier, LA – 110 intersections, 7 corridors • District 02; LA 3040 & LA 57, Houma, LA; LA 20, Thibodaux, LA; US 61, New Orleans, LA – 44 intersections, 4 corridors • District 62; US 11, Slidell, LA; LA 19, Baker, LA; LA 44, Gonzales, LA; LA 3124 & LA 60, Bogalusa, LA; LA 10 Franklinton, LA; LA 16, Amite, LA; LA 38, Kentwood, LA; LA 25, Folsom, LA – 68 intersections, 9 corridors • District 58; US 425, Vidalia & Ferriday, LA – 11 intersections, 2 corridors • District 08; LA 1208-03, US 71 & LA 28 – 21 intersections, 3 corridors District 07; US 190 & US 171, DeRidder, LA – 10 intersections, 2 corridors

16. Staff Experience:

Firm employed by: Vectura Consulting Services, LLC					
Name	Reece Rodrigue, PE, PTOE			Years of experience with this firm/employer	2
Title	Project Traffic Engineer			Years of experience with other firm(s)/employer(s)	7
Degree(s) / Years / Specialization			B.S. / 2013/ Civil Engineering		
Active registration number / state / expiration date			PE.0042074 / LA / 3/31/2024		
Year registered	2017	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Project Engineer for Data Collection, Safety and Traffic Analysis QC		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
02/21 – 01/22	**LA 67 (Plank Rd) Corridor Enhancement – Dawson Street to Harding Blvd (Baton Rouge, LA)** Reece performed the geometric field checks along with Prasanth. Reece then captured the geometric field data in figures developed in CAD per the **TEPR process**.
02/21 – Current	**College Drive Corridor Enhancement – I-10 to Perkins Road (Baton Rouge, LA)** Reece is the task leader for developing the raw and final volumes in conformance with **TEPR** since the I-10 interchange ramp intersections are part of the project limits. The Vectura team collected 7-day, 24-hour counts, turning movement counts with queue observations, travel time runs and geometric field checks. Reece assembled the raw counts from the team members and applied the unmet demand volumes to develop the final volumes. He also checked the final volumes against the 48-hour tube counts. Reece also developed figures that reported the geometric field checks.
4/20 - Current	**H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project (Belle Chasse, LA)** 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. He assisted Brin with the **traffic study** that formed the basis of the design report. Reece assisted with the development of forecast volumes and HCM intersection analyses.
04/16 – 09/17	**H.011670.1 & H.011670.2 Loyola Interchange Modification Request (Kenner, LA)** Reece was a team member in the production of an Interchange Modification Report (IMR) for the I-10 at Loyola Dr. Interchange. He was an active member in collecting vehicle travel time data and processing the data. He also aided in collecting vehicle queues at the study intersections. He also assisted in the Vissim model calibration.
11/15 – 12/16	**H.011849 Veterans Boulevard Corridor Stage 0 Feasibility Study (Jefferson Parish, LA)** Reece was the project manager for the **Stage 0** Corridor Retiming Study along Veterans Blvd from Lake Ave to Massachusetts Ave. He evaluated turning movement counts and the existing traffic signal timings and plans for the 31 signalized intersections along the corridor. He conducted travel time analyses through the corridor during morning, midday, and afternoon peak periods to determine the current flow of traffic through the corridor. He used calculations recommended by ITE to determine the clearance intervals of each intersection along the corridor. For the purposes of analyzing each intersection along the corridor, he assisted in producing a model of the corridor using the traffic signal timing optimization software Synchro 8. He assisted in implementing the new signal timings into the traffic signal controllers of the intersections. Once implementation was complete, he conducted travel time analyses using the new traffic signal timings. He also assisted in drafting the final report.

16. Staff Experience:

Firm employed by: Vectura Consulting Services, LLC					
Name	Kristen Gahagan Farrington, PE, PTOE			Years of experience with this firm/employer	1
Title	Project Traffic Engineer			Years of experience with other firm(s)/employer(s)	7
Degree(s) / Years / Specialization			B.S. / 2014/ Civil Engineering		
Active registration number / state / expiration date			PE.0042785 / LA / 3/31/2023		
Year registered	2016	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Project Engineer for Data Collection, Safety and Traffic Analysis QC		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
06/21 – 02/22	**H.013267 Capital Area Pathways Project (Baton Rouge, LA)** Kristen was a project engineer for a traffic study to evaluate trail crossings at three state routes that required DOTD approval. The **traffic design study** included traffic data collection, safety analysis, existing conditions analysis and alternative analysis. Laurence used the DOTD Traffic Engineering Manual, MUTCD, and FHWA guidance to develop the most effective trail crossing alternatives.
02/21 – 01/22	**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 for the project limits on LA 67 (Plank Road).
03/19 – 11/19	**H.012311 LA 429 Connector Stage 0 (Ascension Parish)** Kristen was the task leader for the preparation of a **Stage 0** study to evaluate alignments for a limited-access corridor (LA 429) near I-10, between LA 30, LA 73, and US 61. Two alternatives for the widening and reconstruction of LA 429 were evaluated. The scope consisted of stakeholder and public meetings, site visits and data collection, phasing of alternative development for the corridor, scope and budget checklists, and an opinion of probable cost to prepare the **Stage 0** Report. Kristen served as the civil engineer responsible for designing high level concept exhibits and comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes, coordinated with interchange study consultants for a cohesive project, and wrote report.
09/17 – 09/18	**H.011160 LA 73 Corridor Study Stage 0 (LA 74 to LA 621) (Ascension Parish)** Kristen was the designer responsible for concept development, report writing, and impact analysis for a **Stage 0** study. The purpose of the study was to evaluate conceptual alternatives to improve capacity and operations along the LA 73 corridor and its connecting transportation network. The scope included the evaluation of three interchange configurations for the interchange of I-10 at LA 73 in conjunction with two corridor alternatives for LA 73, resulting in six different alternatives for which line and grade, impacts, and high-level cost estimates were prepared.
04/18 – 04/19	**H.011243.1 I-49 at US 190 and LA 31 Interchange Improvements Stage 0 (St. Landry Parish)** Kristen was the project engineer responsible for crash and safety analysis, report writing, planning, and designing for this **Stage 0** Study to evaluate alternatives to improve traffic operations and safety at the I-49 interchanges with US 190 and LA 31. Crash and safety analysis was performed using the LADOTD CAT Scan tool and IHSDM, and line and grade was prepared to DOTD Design Standards for various corridors, including arterial collectors and freeway ramps. Close coordination with traffic engineer ensured maximum improvement of safety and operations given limited right-of-way and utility conflicts along the corridors.
04/19 – 6/21	**H.013817.1 A 117 Improvements Stage 0 (Vernon and Natchitoches Parishes)** Kristen served as project engineer responsible for a **Stage 0** 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 **Stage 0** report and coordinated with stakeholders and local agencies to ensure purpose and need of project is met.
03/19 – 11/19	**H.012311 LA 429 Connector Stage 0 (Ascension Parish)** Kristen was the task leader for the preparation of a **Stage 0** study to evaluate alignments for a limited-access corridor (LA 429) near I-10, between LA 30, LA 73, and US 61. Two alternatives for the widening and reconstruction of LA 429 were evaluated. The scope consisted of stakeholder and public meetings, site visits and data collection, phasing of alternative development for the corridor, scope and budget checklists, and an opinion of probable cost to prepare the **Stage 0** Report. Kristen served as the civil engineer responsible for designing high level concept exhibits and comparison matrix to determine best preliminary alternatives moving forward to meet the purpose and need of the project. Compiled meeting agenda materials and minutes, coordinated with interchange study consultants for a cohesive project, and wrote report.

16. Staff Experience:

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

Firm employed by:	Providence Engineering and Environmental Group LLC		
Name	**Kerry Oriol**	Years of relevant experience with this employer	22
Title	Senior Environmental Specialist	Years of relevant experience with other employer(s)	11
Degree(s) / Years / Specialization:	B.S. / Fish and Wildlife Biology / 1989		
Active registration number / state / expiration date	N/A		
Year registered	Discipline		
Contract role(s) / brief description of responsibilities	**Public Meeting Coordinator/NEPA Specialist**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
(1/19-present)	**Environmental Project Manager:** ***LA DOTD, LA 1/LA 415 Connector Environmental Assessment Reevaluation, State Project No. H.005121, Federal Aid Project No. H005121 West Baton Rouge Parish, LA.*** A reevaluation of an existing EA for a LA 1/LA 415 Connector involving a new bridge over the Gulf Intracoastal Waterway, necessary to consider a change in bridge height and possible relocation of approved right-of-way. Efforts include a vessel study and reevaluation of traffic data to assess design modifications and potential right-of-way modifications. **Responsibilities:** Management of project schedule, NEPA process and NEPA document revision, including revision of supporting technical studies, coordination with state agencies, environmental, analyses, organization of agency meetings, and development of public information and agency involvement plans.
(1/17-present)	**Environmental Project Manager:** ***LA DOTD, I-10 Corridor Study: LA 415 to Essen on I-10 and I-12, Stage 1 Environmental Assessment, State Project No. H.004100.2, Federal Aid Project No. H004100, East and West Baton Rouge Parishes, LA.*** A study of Interstate 10 (I-10) through Baton Rouge to develop feasible improvements and to obtain an environmental decision to implement improvements to I-10 and I-12 from the LA 415 interchange to the I-10 and I-12 interchanges at Essen Lane. Efforts include the analysis of existing conditions along I-10 along with implementation of various concepts to recommend a preferred alternative. Various concepts include widening existing infrastructure and revising interchanges. Extensive public outreach efforts are also included in this project to ensure public input is received throughout the process. **Responsibilities:** Management of project schedule, NEPA process and NEPA document development, coordination of all work with six sub-consultants, environmental and alternatives analyses, environmental justice

	analysis, organization of agency meetings, public outreach/involvement meetings and materials, development of public information and agency involvement plans, and coordination of public events, development of relocation plan, preparation of decision documents.
(09/11-present)	**Environmental Project Manager:** ***Northwest Louisiana Council of Governments (NLCOG), I-49 Inner Connector Stage 1 Environmental Impact Statement / NEPA, State Project No. 700-09-0171 (H.003915), Shreveport, Caddo Parish, LA.*** Environmental Impact Statement (EIS) and interchange reports for the proposed I-49 Inner City Connector. Project involves all necessary engineering and environmental investigations to obtain environmental clearance on construction of a connector linking the existing I-49 to future I-49 North around Shreveport. **Responsibilities:** Management of project schedule, NEPA process and NEPA document development, development of the purpose and need statement, environmental and alternatives analyses, environmental justice analysis, organization of agency meetings, public outreach/involvement meetings and materials, development of public information and agency involvement plans, and coordination of public events, development of relocation plan, preparation of decision documents.
(07/20-present)	**Environmental Project Manager:** ***Atlas Technical Consultants, LLC, Mississippi River Bridge GBR: LA 1 to LA 30 Connector, EBR, WBR, Ascension, Iberville, LA.*** This project includes an Enhanced Planning investigation with the ultimate objective to construct a new crossing of the Mississippi River. Providence, as a subconsultant to Atlas Technical Consultants, LLC, is providing environmental services that include identifying, revising, submitting, and updating purpose and need (P&N); permitting agency coordination; reviewing of studies and plans for data gaps; GIS figures; identifying corridors that meet P&N; identifying alternative boundaries; developing/submitting Environmental Screening methodology; compiling environmental inventory for alternatives; support outreach and engagement overview, providing appropriate input for the CARB-D website, developing a draft Phase I Final Report, preparing materials and attending agency brief meetings/focus group meetings, and public meetings. **Responsibilities:** Management of project schedule, NEPA process and NEPA document development, development of the P&N statement, environmental justice and alternatives analyses, organizing agency meetings, public outreach/involvement, development of public information and agency involvement plans, and coordination of public events, development of relocation plan, preparation of decision documents.
Kerry Oriol maintains expertise in project management, NEPA documents and public outreach requirements, including Environmental Impact Statements (EIS), Environmental Assessments (EA), Environmental Assessment Statement (EAS), and Natural Resource Damage Assessments (NRDA), ecological studies and biological assessments, and mitigation planning and implementation for project specific impacts.	

16. Staff Experience:

Firm employed by:	Providence Engineering and Environmental Group LLC		
Name	**Paul Clifton, PWS**	Years of relevant experience with this employer	18
Title	Impact Assessment Group Managing Director	Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization:		M.S. / Forestry / 1986 B.S. / Forestry / 1982	
Active registration number / state / expiration date		3326 / LA / 1-9-2026	
Year registered	2021	Discipline	Professional Wetland Scientist
Contract role(s) / brief description of responsibilities		**Quality Assurance/Quality Control Manager**	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
Ongoing	**Project Manager:** ***Traylor – Massman Joint Venture (DOTD), Belle Chasse Bridge and Tunnel Replacement P3 Project, State Project No. H.004791, Plaquemines and Jefferson Parishes, LA***. Serving as Project Manager for the environmental compliance component of the project. Responsible for assisting the client in environmental training and compliance, assistance with local, state, and federal permitting; sensitive species and wetlands surveys, Stormwater Pollution Prevention and Control Plans, audits, and inspections.
(4/19-10/19)	**Project Manager:** ***East Baton Rouge Parish Department of Public Works, Cal Road Bridge Replacement Project, East Baton Rouge Parish, LA.*** Served as Project Manager for wetlands and ecological compliance assistance. Development and submittal of a wetland data report/jurisdictional determination request and Pre-Construction Notification for submittal to the New Orleans District of the USACE.
(07/17-01/18)	**Project Manager:** ***DOTD, I-10:415 To Essen Lane on I-10 and I-12, State Project No. H.004100.2, Federal Aid Project No.H004100, East and West Baton Rouge Parishes.*** Managed wetland analysis fieldwork and reporting for a 550-acre corridor for the widening of I-10 and I-12 in East and West Baton Rouge Parishes. Provided project oversight, resource allocation, and personnel management.
(2016)	**Project Manager:** ***East Baton Rouge Parish Department of Public Works, East Baton Rouge Parish, LA.*** Wetlands and ecological compliance assistance for the Lemon Road Bridge Replacement Project in East Baton Rouge Parish. Development and submittal of a wetland data report/jurisdictional determination request and Pre-Construction Notification for submittal to the New Orleans District of the U.S. Army Corps of Engineers.
(2014)	**Project Manager:** ***DOTD, Environmental Permitting Services, Fort Buhlow Bridges and Approaches, Route US 71 to US 165, State Project No. 840-43-0001, Task 1: 1701-65-1002, Rapides Parish, LA.*** Replacement of the 0.6-mile-long O.K. Allen Bridge over Lake Buhlow, KCS Railroad Bridge, and widening/reconstruction of 1.3 miles of roadway approaches. Tasks included wetlands delineation/request for jurisdictional determination,

	USACE Section 10/404 permitting, U.S. Coast Guard bridge permitting, and LDEQ Water Quality Certification. Also secured Red River, Atchafalaya, and Bayou Boeuf Levee District permit.
(06/08-12/13)	**Project Manager:** ***Louisiana Department of Transportation and Development (LA DOTD), Environmental Permitting Retainer Contract, Task Orders 1-3, State Project No. 700-99-0439, Federal Aid Project No. STP-9907 (526) / IM-1709(507), Statewide, LA.*** Responsibilities included conducting 34 wetland delineations, four threatened and endangered species surveys, and obtaining state and federal permits for 63 individual bridge and road improvement projects in Louisiana. Each of the three task orders under this retainer contract included: USACE Section 10/104 permitting; LDNR, Office of Coastal Management, Coastal Use Permitting; U.S. Coast Guard bridge permitting; LDWF Louisiana Natural and Scenic River System permitting; LDEQ Water Quality Certifications; levee permits from various levee boards; and parish permits. The projects involved coordination with various U.S. Army Corps of Engineers (USACE) districts including: Vicksburg, Galveston, Fort Worth, and New Orleans, as well as the U.S. Coast Guard, District Eight, Sectors New Orleans and Upper Mississippi River (St. Louis, MO). ***Task 1: 701-65-1002:*** 29 bridge replacement and road widening projects throughout Louisiana. ***Task 2: 701-65-1231:*** 20 bridge replacement and road widening projects throughout Louisiana. ***Task 3: 701-65-1489:*** 14 road elevation projects throughout Louisiana. The 63 projects involved work in Ascension, Assumption, Bienville, East Baton Rouge, East Feliciana, Grant, Iberia, Jackson, Jefferson, LaSalle, Lincoln, Livingston, Rapides, St. Landry, St. Mary, St. Tammany, Terrebonne, Vermilion, and West Baton Rouge Parishes, Louisiana. **Responsibilities:** Project oversight, task coordination, permitting management.
Paul Clifton has multi-discipline experience in wetlands and ecological services including: project/contract management, wetlands delineations and Section 404/Coastal Use permitting, habitat value assessments, interpretation of state and federal wetland regulatory requirements, liaison assistance with state and federal resource and regulatory agencies, and management of ecological studies and environmental investigations. Mr. Clifton has extensive experience in U.S. Army Corps of Engineers (USACE) Section 404 wetlands permitting and he has managed contracts for coastal restoration projects with the Louisiana DNR and the CPRA and state-wide environmental permitting for the Louisiana Department of Transportation and Development. Mr. Clifton has also provided expert witness services regarding wetlands and coastal issues.	

16. Staff Experience:

Firm employed by:	Providence Engineering and Environmental Group LLC		
Name	**Taylor Simoneaux, PWS**	Years of relevant experience with this employer	6
Title	Environmental Scientist IV	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization:	M.S. / Forest Resources / 2015 B.S. / Forestry Ecological Restoration / 2012 B.S. / Natural Resources Ecology and Management / 2012		
Active registration number / state / expiration date	3321 / LA / 12-30-2025		
Year registered	2020	Discipline	Professional Wetland Scientist
Contract role(s) / brief description of responsibilities	**Wetland Assessment and Reporting**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
(06/17-08/17)	***DOTD, Wetland Delineation for I-10 Widening Project, East and West Baton Rouge Parishes, LA.*** Conducted a wetland delineation (approximately 550 acres) and data report for the I-10 Widening project across East and West Baton Rouge Parishes.
(04/17-09/17)	***East Baton Rouge Parish Department of Public Works, Nicholson Drive Improvements, East Baton Rouge Parish, LA.*** Conducted a wetland delineation project for the extension of Nicholson Drive in Baton Rouge, LA. Prepared a wetland data report/request for preliminary jurisdictional determination for submittal to the USACE New Orleans District.
(05/16-08/16)	***North Louisiana Council of Governments, I-49 Inner City Connector, Caddo Parish, LA.*** Participated in a wetland delineation and completed a wetland summary of findings for submittal to the North Louisiana Council of Governments to advise them on regulatory compliance associated with an interstate connection project in Shreveport, LA. (2016)
(08/16-12/16)	***St. James Parish Government, Barras Road Extension, St. James Parish, LA.*** Participated in a wetland delineation project for the extension of Barras Road near St. James, LA. Prepared a wetland data report/request for preliminary jurisdictional determination for submittal to the USACE. (2016)
(2019)	***Coastal Protection and Restoration Authority, Goose Point/Pointe Platte and Bayou Bonfouca Maintenance Project, St. Tammany Parish, LA.*** Secured the necessary environmental permits for a marsh creation maintenance project.
(2019)	***Pointe Coupee Parish Police Jury, False River Ecosystem Project, Pointe Coupee Parish, LA.*** Conducted a wetland delineation, completed a Nationwide Permit 27 permit application, and conducted soil sampling for a proposed False River Dredge project.

(2018)	***DeSoto Parish Police Jury, Mundy Landfill Haul Road Project, DeSoto Parish, LA.*** Conducted a wetland delineation and completed a Nationwide Permit 14 permit application to the USACE Vicksburg District for a proposed landfill expansion project.
(2018)	***Baton Rouge Area Chamber, Harvey Site Wetlands, West Feliciana Parish, LA.*** Conducted a wetland delineation and offered regulatory guidance assistance for a proposed park creation project.
(2017)	***Bayou Lafourche Freshwater District, Mississippi River Reintroduction into Bayou Lafourche, Assumption and Lafourche Parishes, LA.*** Conducted a wetland delineation and completed a wetland data report/request for preliminary jurisdictional determination for a proposed Mississippi River reintroduction into Bayou Lafourche.
(2016)	***West Feliciana Parish, Department of Public Works, West Feliciana Parish, LA.*** Participated in a wetland delineation project for the replacement of the Jacock Road Bridge near St. Francisville, LA. Prepared a wetland data report/request for preliminary jurisdictional determination for submittal to the USACE.
(2018)	***DeSoto Parish Police Jury, Mundy Landfill Haul Road Project, DeSoto Parish, LA.*** Conducted a wetland delineation and completed a Nationwide Permit 14 permit application to the USACE Vicksburg District for a proposed landfill expansion project.
Taylor Simoneaux's areas of focus are wetlands, coastal, and ecological regulatory permitting/compliance, threatened and endangered species surveys, wetland delineations, Environmental Inspections, and project management. His experience in environmental and ecological compliance assistance includes: wetland delineations and reporting; U.S. Army Corp of Engineers (USACE) Section 10/404/408 permitting, Louisiana Department of Natural Resources (DNR) Office of Coastal Management (OCM) Coastal Use Permitting; FEMA Floodplain Permitting; U.S. Fish and Wildlife Service (USFWS) Section 7 consultations; State Historic Preservation Office (SHPO) Section 106 consultations; Environmental Inspections per standard Best Management Practices (BMPs) and Federal Energy Regulatory Committee (FERC) Plans and Procedures, and many local/Parish/municipal permitting requirements. He is actively involved in all phases of environmental permitting/compliance and project management for clients in industrial, commercial, governmental, and private sectors. Mr. Simoneaux's education and professional experience have exposed him to in-depth habitat analysis, wetland ecology and management, ecosystem restoration, coastal ecology, management, and restoration, plant identification, statistical analysis, wildlife biology, regulatory compliance/permitting, project management, and spatial analysis including the use of ArcGIS software.	

16. Staff Experience:

Firm employed by:	Providence Engineering and Environmental Group LLC		
Name	**Tim Kimmel**	Years of relevant experience with this employer	12
Title	Natural Resource & Coastal Services Deputy Director	Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization:	M.S. / Environmental Science / 2008 B.S. / Wildlife Science / 2010		
Active registration number / state / expiration date	N/A		
Year registered		Discipline	
Contract role(s) / brief description of responsibilities	**Wetland Assessment and Reporting**		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
(03/19-05/19) (09/12)	***Enable Gas Transmission, LLC, Southeast Supply Header Hydrostatic Test, Mobile County, Alabama.*** Providence conducted gopher tortoise burrow surveys and scoping of existing burrows. Providence also provided excavation and construction oversight, and water sampling services during hydrotest of an existing two-mile segment of natural gas pipeline.
(2014-2018)	***Department of Public Works/Huval & Associates, Inc. Wetland Delineation for Multiple Bridge Replacement Projects, East Baton Rouge Parish, LA.*** Conducted wetland delineations for the Port Hudson Pride Road Bridge, Lemon Road Bridge, Cal Road Bridge, and Moss Side Road Bridge replacement projects in East Baton Rouge Parish. Permit applications were completed for each replacement and submitted to the U. S. Corps of Engineers, New Orleans District.
(07/17-01/18)	***Louisiana Department of Transportation and Development (DOTD), I-10:415 To Essen Lane on I-10 and I-12, State Project No.H.004100.2; Federal Aid Project No.H004100, East and West Baton Rouge Parishes.*** Conducted wetland analysis fieldwork and reporting for a 550-acre corridor for the widening of I-10 and I-12 in East and West Baton Rouge Parishes. Drafted and submitted a Wetlands Findings Report for DOTD's review and concurrence.
(04/18) (08/13-01/14)	***Coastal Protection and Restoration Authority, Piping Plover Survey, Cameron Parish Shoreline Restoration Project (CS-33 SF) Cameron Parish, LA.*** Piping plover surveys, three per month for 10 months on a six-mile section of coastal beach. Drafted and submitted quarterly reports for CPRA and the US Fish and Wildlife Service and USFWS as well as monthly monitoring reports and status updates on invoicing.
(05/13-06/15)	***DOTD, Wetland Delineation for LA-70 Re-Route, Assumption Parish, LA.*** Conducted a threatened and endangered species survey for wading bird rookeries and the presence/absence of bald eagles for the proposed LA-70 re-route.

(15-15)	***Louisiana Department of Environmental Quality (LDEQ), Wetland Assimilation Projects, South LA.*** Assisted in the implementation and monitoring of multiple wetland assimilation projects throughout south Louisiana.
2015	***Louisiana Coastal Protection and Restoration Authority, Biological Assessment (BA), Holly Beach, LA.*** Provided written documentation regarding piping plovers and sea turtles explaining descriptions and federal status of both species as well as project overview and purpose. The BA defines explicit procedures to ensure species safety until project completion.
2017	***Louisiana Department of Transportation and Development (DOTD), Wetland Delineation for I-10 Widening Project, Baton Rouge, LA.*** Conducted a wetland delineation (approximately 550 acres) for the I-10 Widening project across East and West Baton Rouge Parishes.
(14-18)	**Biologist:** ***Department of Public Works/Huval & Associates, Inc. Wetland Delineation for Multiple Bridge Replacement Projects, East Baton Rouge Parish, LA.*** Conducted wetland delineations for the Port Hudson Pride Road Bridge, Lemon Road Bridge, Cal Road Bridge, and Moss Side Road Bridge replacement projects in East Baton Rouge Parish. Permit applications were completed for each replacement and submitted to the Corps of Engineers, New Orleans District.
(2021)	**Project Manager***: Kinder Morgan, 315-mile Gopher Tortoise Survey, Alabama and Mississippi Counties.* Providence conducted a 315-mile gopher tortoise survey on existing TGP and SNG utilities right-of-way. The survey corridor was approximately varied between 40 and 100 feet and traversed 14 different counties in Mississippi and one county in Alabama.
(2018)	**Project Manager/Wildlife Biologist:** ***Enable Gas Transmission, LLC, 90-mile Gopher Tortoise Survey, Forrest County, Mississippi – Mobile County, AL.*** Conducted a 90-mile gopher tortoise survey on Southeast Supply Header's existing natural gas pipeline right-of-way. The survey corridor was approximately 70 feet and traversed six different counties from Mississippi to Alabama.
Tim Kimmel has a wide range of experience in conducting wetland delineations and field studies throughout Louisiana, Arkansas, Texas, Mississippi, Alabama, Florida, Indiana, Tennessee, and Ohio. He has conducted threatened and endangered species surveys for red-cockaded woodpecker, gopher tortoise, Louisiana black bear, dusky gopher frog, yellow-blotched map turtle, golden cheeked warbler, and more, as well as written Biological Assessments for the gopher tortoise, piping plover, and sea turtles for submittal to the U.S. Fish and Wildlife Service (USFWS). Mr. Kimmel has served as project manager for projects requiring permits from the U.S. Army Corps of Engineers (USACE), and the Louisiana Department of Natural Resources (LDNR) as well as levee board permits throughout the Gulf Coast parishes of Louisiana. Mr. Kimmel has extensive fieldwork experience, including work with the Louisiana Department of Wildlife and Fisheries (LDWF) on the Deep Water Horizon oil spill.	

16. Staff Experience:

Firm employed by			Marrero, Couvillon & Associates, LLC.		
Name	Orien Butler P.E.		Years of relevant experience with this employer	9	
Title	Electrical Engineer		Years of relevant experience with other employer(s)	10	
Degree(s) / Years / Specialization			B.S. / 2003 / Electrical Engineering		
Active registration number / state / expiration date			#38553 / LA / 9-30-23		
Year registered	2013	Discipline	Electrical Engineering		
Contract role(s) / brief description of responsibilities			Sr. Electrical Engineer / Power and Lighting/Nav. Lighting Design		

Experience dates	Experience and qualifications relevant to the proposed contract.
12/06 - 06/08	**LADOTD - SP# 450-11-0048, I-10, LA 30 and LA 44 Interchanges, Gonzales, LA** – Sr. Electrical Engineer - Designed the lighting system for two LADOTD interchanges in Gonzales, LA. Designed photocell cabinet controlled high mast lighting to meet required illumination levels for I-10 on and off ramps at both LA 30 and LA 44.
08/07 - 02/09	**LADOTD - SP# 454-03-0069, I-12/Airport Road Interchange, Hammond, LA** – Sr. Electrical Engineer - Designed the lighting system for a LADOTD interchange in Hammond, LA. Designed photocell cabinet controlled low mast lighting to meet required illumination levels at I-12 on and off ramps at Airport Road.
12/06- 11/13	**LADOTD - SP# 450-15-0103, Interstate Highway Lighting (DOTD) at the I-10, Causeway Blvd. Interchange, Jefferson Parish, LA** – Sr. Electrical Engineer - Designed the lighting system for this $35.6 million project involving the addition of five dedicated ramps at the I-10/Causeway Boulevard interchange. Designed photocell cabinet controlled low mast and high mast lighting to meet required illumination levels, including new loop and ramp structures.
01/12 - 03/14	**LADOTD - SP# 700-99-0429, Bayou LaLoutre Bridge Rehabilitation, Yscloskey, LA** – Sr. Electrical Engineer - Responsible for the complete electrical rehabilitation of an existing DOTD movable bridge facility. Conducted the electrical inspection of the movable bridge facility and made recommendations for power and lighting system rehabilitation, replacement of traffic gates, navigational lights, installing traffic signals, emergency power generation, operator house, and utilities building. Included the design of new lighting, panels, switchboards, and control system for the bridge system (including the wound rotor motor used for movable bridge operation). The design was expanded to include a new Operator House structure (2-story) which was requested by the DOTD.
01/13 - 05/15	**LADOTD - SP# 829-32-0010/H.008145, LA-1 Relocated, Golden Meadow to Port Fourchon, LA** – Sr. Electrical Engineer - The LA 1 Relocated project will provide an 18-mile, fully access controlled, elevated highway on a new location between Golden Meadow (LA 3235) and Port Fourchon (LA 3090). Performed the lighting design for Phase 2A, B, C which involved approximately 9 miles of two-lane, elevated highway from

	Leesville to Golden Meadow (LA 3235). The scope of work also included the design of electrical and controls infrastructure for ITS equipment and new toll booths along the route.
08/14 - 05/15	**LADOTD - SP# H.010882, Harvey Canal Tunnel Renovation, Harvey, LA** – Sr. Electrical Engineer - Responsible for the complete electrical rehabilitation of an existing DOTD bridge facility. Designed new lighting in the tunnel as well as interior equipment and personnel rooms, panels, switchboards and standby power systems (UPS and Generator), a new fire alarm and CCTV system.
11/16 - 05/18	**LADOTD - SP# H.012422, I-110 at Terrace Avenue, Baton Rouge, LA** – Sr. Electrical Engineer - Designed the lighting system for a new $8.8 million ramp project connecting I-110 to Terrace Avenue at Baton Rouge. Designed low mast lighting to meet required illumination levels on the ramp and underpass lighting at the interchange.
01/17 - 05/18	**LADOTD - SP# H.012874, I-55/LA-22 Interchange, Tangipahoa Parish, LA** – Sr. Electrical Engineer - Designed the lighting system for an interchange in Tangipahoa Parish, LA. Designed high mast and low mast LED lighting to meet required illumination levels at the interchange.
06/18 – 11/18	**LADOTD - SP# H.009730.5, LA 39 Judge Seeber Bridge Over Inner Harbor Canal Inspection New Orleans, LA** – Sr. Electrical Engineer - Inspection and review of newly constructed bridge electrical system, navigational lighting and function of aesthetic lighting, controls and all related components. Observation/oversight of acceptance tests and generation of report with analysis and suggestions for remedy of any problems discovered during inspection.
01/19 – 02/19	**LADOTD - SP# H.011111, I-49 Maintenance & Aesthetic Lighting Installation Inspection Shreveport, LA –** Sr. Electrical Engineer - Job Description: Inspection and review of condition of electrical power system and all related components. Observation/oversight of preventive maintenance tests and generation of report with analysis and suggestions for remedy of any problems discovered during inspection.
04/18 – 12/19	**LADOTD - SP# H.001234, Retainer Contract for Bridge Preservation Contract No. 4400002791, Port Allen Canal Bridge - LA 1 Over ICWW, West Baton Rouge Parish, LA** – Sr. Electrical Engineer - Launched field investigation and designed the replacement LA-1/ICWW bridge area lighting, navigational lighting and power system. The design included the demolition of existing roadway, Interstate, boat launch area and navigational lighting (including Low Mast, High Mast and Secondary Power Controllers). Coordination with the power company, Corps of Engineers (boat launch traffic loop counter), Port of Baton Rouge (Center channel warning), Coast Guard (Navigational Lighting), FAA offices (to obtain FAA clearance report for the installation of the new High Mast Lighting), DOTD (for the Interstate lighting requirements and the existing CCTV camera tower), and West Baton Rouge Parish (for roadway and Interstate lighting construction phasing) was key to develop the appropriate design activities for the project. Later, the design packages had to be strategically divided into Phase 1 and 2 to facilitate scheduled funding.

16. Staff Experience:

Firm employed by			Marrero, Couvillon & Associates, LLC		
Name	Robert Mejia, P.E.		Years of relevant experience with this employer	6	
Title	Sr. Electrical Engineer		Years of relevant experience with other employer(s)	29	
Degree(s) / Years / Specialization			Bachelor of Science / 1987 / Electrical Engineering		
Active registration number / state / expiration date			License No. 25414/ Louisiana / Expiration Date 9/30/2023		
Year registered	1993	Discipline	Control Systems and Electrical		
Contract role(s) / brief description of responsibilities			QA/QC		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
07/17 – 11/20t	**LADOTD - I-10 and 73 – Design Build, Ascension and East Baton Rouge Parish, LA** - Sr. Electrical Engineer - Provide electrical engineering and design for lighting on the I-10 Widening from Highland to LA 30 design-build project.
04/18 – 02/4/19	**City of New Orleans - Howard Avenue Extension (Loyola Avenue to LaSalle Street) New Orleans, LA** – Sr. Electrical Engineer - Marrero, Couvillon & Associates is responsible for the Electrical Services for the Howard Avenue Extension. Work includes revising roadway lighting from high pressure sodium lights to LED lights per new City of New Orleans Standards. Revisions include changing light fixtures, downsizing electrical conductors and revising drawings including bill of materials. Performing lighting calculations and following illumination guidelines per the latest IES roadway lighting recommended practices issued in 2014.
07/17 – Present	**City/Parish of East Baton Rouge - I-10 and Pecue Lane, Baton Rouge, LA** – Sr. Electrical Engineer - Lighting design along Pecue Lane from the control of access points north and south of the roadway. Currently, there is no access to I-10 from Pecue Lane and the existing Pecue Lane consists of 2 traffic lanes. The existing overpass will be removed and replaced with two overpass structures, with 3 lanes in each direction. Pecue Lane will be reconstructed to a curb and gutter section, with a raised median and 3 lanes in each direction. South of I-10 there will be two bridge structures for Pecue to cross Ward's Creek.
04/18 – 02/20	**Port of New Orleans - France Road – North, Roadway and Drainage Improvements, New Orleans, LA** – Sr. Electrical Engineer - MCA provided the electrical and mechanical engineering services for the roadway and drainage improvements.
11/16 – 6/17	**City of New Orleans - Louis Armstrong New Orleans Airport International Airport Pavement Remediation at Eastern Side of Runway 11-29, Kenner, LA** – Sr. Electrical Engineer - Electrical design services for Pavement Remediation of sag in existing runway pavement on the eastern side of Runway 11-29 near Taxiway Alpha at the airport.

16. Staff Experience:

Firm employed by			Marrero, Couvillon & Associates, LLC		
Name	Christian Schade, P.E.		Years of experience with this firm/employer	5	
Title	Sr. Electrical Engineer		Years of experience with other firm(s)/employer(s)	24	
Degree(s) / Years / Specialization			Bachelor of Science / 1993 / Electrical Engineering		
Active registration number / state / expiration date			LA License No. 32483 Expiration Date 9/30/2022		
Year registered	2006	Discipline	Electrical Engineering		
Contract role(s) / brief description of responsibilities			Electrical Engineer – Electrical Engineering Design		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc.
07/17 – 11/20	**I-10 and 73 – Design Build** – Electrical Engineer - Provide electrical engineering and design for lighting on the I-10 Widening from Highland to LA 30 design-build project.
08/16 – 07/20	**Bayou LaLoutre Bridge Rehabilitation** – Electrical Engineer - Provided complete electrical rehabilitation on the vertical lift bridge.
07/17 – Present	**I-10 and Pecue Lane** – Electrical Engineer - Lighting design along Pecue Lane from the control of access points north and south of the roadway. Currently, there is no access to I-10 from Pecue Lane and the existing Pecue Lane consists of 2 traffic lanes. The existing overpass will be removed and replaced with two overpass structures, with 3 lanes in each direction. Pecue Lane will be reconstructed to a curb and gutter section, with a raised median and 3 lanes in each direction. South of I-10 there will be two bridge structures for Pecue to cross Ward's Creek.
04/18 – 02/20	**Port of New Orleans - France Road** – North, Roadway and Drainage Improvements – Electrical Engineer - MCA provided the electrical and mechanical engineering services for the roadway and drainage improvements.
11/16 – 6/17	**Louis Armstrong New Orleans Airport International Airport Pavement Remediation at Eastern Side of Runway 11-29, Kenner, Louisiana** – Electrical Engineer - Electrical design services for Pavement Remediation of sag in existing runway pavement on the eastern side of Runway 11-29 near Taxiway Alpha at the airport.
04/18 – 02/4/19	**City of New Orleans - Howard Avenue Extension (Loyola Avenue to LaSalle Street) New Orleans, LA** – Sr. Electrical Engineer - Marrero, Couvillon & Associates is responsible for the Electrical Services for the Howard Avenue Extension. Work includes revising roadway lighting from high pressure sodium lights to LED lights per new City of New Orleans Standards. Revisions include changing light fixtures, downsizing electrical conductors and revising drawings including bill of materials. Performing lighting calculations and following illumination guidelines per the latest IES roadway lighting recommended practices issued in 2014.

17. Firm Experience:

Firm name	**Shread-Kuyrkendall & Associates, Inc.**		Past Performance Evaluation Discipline(s)*		Survey/Road/Bridge
Project name	**I-10 (LA 73 to LA 30)**		Firm responsibility (prime or sub?)		Prime
Project number	H.009266	Owner's name	LADOTD		
Project location	Ascension Parish		Owner's Project Manager	Kurt Brauner	
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804 / (225)379-1933 / Kurt.Brauner@la.gov				
Services commenced by this firm (mm/yy)	10/12	Total consultant contract cost ($1,000's)			$ 1966
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)			$ 1214

This Project is very similar to the very similar to this advertised project for the I-20 widening Shread-Kuyrkendall & Associates, Inc. (SKA) was contracted to provide topographic survey services and preliminary and final roadway and bridge design services to **widen I-10 from a four-lane freeway section to a six-lane freeway section**. The roadway section is approximately 4.5 miles long and involves removing the inside shoulder and widening to the inside with a new 12' travel lane and 10' inside shoulder, with center barrier rail where median widths are narrow. The bridge design services include the bridge superstructure replacement of the overpasses at LA 429 and LA 30, as well as the bridges at Bayou Smith including hydrologic/hydraulic analyses, and full replacement (substructure and superstructure) for the LA 73 interchange to accommodate for future LA 73 improvements. The overall project corridor is nearly 16 miles and is being built to widen interstate 10 from Highland Road to LA 22 in East Baton Rouge and Ascension Parishes. SKA is providing project management, as well as design services for all phases of this project, and is working closely with designers for adjacent projects to ensure corridor continuity.

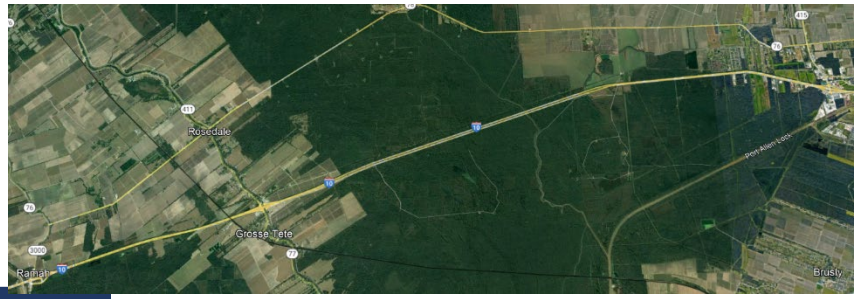
Firm Members Involved:
Richard R. Shread, P.E., P.L.S.(Principal)
Ripley "Gary" W. McClure, P.E.(Engineering Supervisor/Bridge Design)
John P. Raymond, P.E. (Project Manager/Road Design)
Niccola D. Gill, P.E. (Bridge Design)

100% of work was performed in Louisiana

17. Firm Experience:

Firm name	**Shread-Kuyrkendall & Associates, Inc.**		Past Performance Evaluation Discipline(s)*	Road	
Project name	**I-10 Overlay (Atchafalaya Basin Bridge to LA 415)**		Firm responsibility (prime or sub?)	Prime	
Project number	H.012588, H.012169, & H.012587	Owner's name	LADOTD		
Project location	West Baton Rouge and Iberville Parishes		Owner's Project Manager	Brian May	
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804 / (225)379-1059 / Brian.May@la.gov				
Services commenced by this firm (mm/yy)	06/20	Total consultant contract cost ($1,000's)		$ 760	
Services completed by this firm (mm/yy)	05/22	Cost of consultant services provided by this firm ($1,000's)		$ 760	

This project is very similar to this advertised project for the I-20 widening. Broken into three sections, these improvements involved the overlay and raising of the grade for I-10 by 8". The asphalt paving was tapered at bridges to allow for smooth transitions. DOTD design guidelines were followed to bring the interstate up to the guideline standards. Fill was used on fore slopes to tie in and match the new 8" overlay. Guardrail was replaced using MASH special details. Existing cable barrier was removed and replaced closer to the shoulder to improve maintenance. Underdrains and cross drains were modified as needed.



Firm Members Involved:
Richard R. Shread, P.E., P.L.S.(Principal)
Ripley "Gary" W. McClure, P.E.(Project Engineer)
Niccola D. Gill, P.E. (Lead Roadway Design)

100% of work was performed in Louisiana

17. Firm Experience:

Firm name	**Shread Kuyrkendall & Associates, Inc.**		Past Performance Evaluation Disciplines *		Road/Bridge
Project name	**French Branch Bridge to the West Pearl River Bridge(I-10 / I-12 / I-59)**		Firm responsibility (prime or sub?)		Prime
Project number	700-52-0205	Owner's name	LADOTD		
Project location	St. Tammany Parish		Owner's Project Manager	Ms. Allison Schilling, P.E.	
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804 / 225-379-1100 / allison.schilling@la.gov				
Services commenced by this firm (mm/yy)	08/10	Total consultant contract cost ($1,000's)		$410	
Services completed by this firm (mm/yy)	01/15	Cost of consultant services provided by this firm ($1,000's)		$410	

French Branch Bridge – West Pearl River Bridge, Route I-10, St. Tammany Parish project included the **I-10/I-12/I-59 Interchange**. The existing pavement consisted of joint displacement, substandard cross-slopes, and general pavement disrepair. Improvements and repairs include rubblization, pavement replacement, and overlay for cross-slope correction.

Safety improvements such as guard rail replacement, overhead sign adjustment, and adjusting elevations of ramps was included. This project required stage construction with shoulder widening for traffic control. Traffic control plans with multiple phasing, night construction, and detours was utilized. SKA provided topographic surveys, evaluation of existing pavement and safety conditions, and engineering design services for preliminary and final plans for repair and improvements.

Realignment of ramps was required to allow for higher levels of safety and to provide better traffic flow for merging and lane drops. **Sequencing and Traffic Control were an essential element of this project.** This project included the I-10/I-12/I-59 Interchange and was restricted by the FHWA on the time and lane closures allowed.

Firm Members Involved:
Ripley "Gary" W. McClure, P.E. (Engineering Supervisor)
John P. Raymond, P.E. (Road Design)
Niccola D. Gill, P.E. (Road Design)

100% of work was performed in Louisiana

This project was constructed without issue and was awarded the ***2016 Transportation Excellence Award***.

17. Firm Experience:

Firm name	**Shread-Kuyrkendall & Associates, Inc.**		Past Performance Evaluation Discipline(s)*	Road/Bridge	
Project name	**US 90 Rail Crossing**		Firm responsibility (prime or sub?)	Prime	
Project number	H.010155	Owner's name	LADOTD		
Project location	Iberville Parish		Owner's Project Manager	Ryan Morvant	
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804 / (225)379-1067 / Ryan.Morvant@la.gov				
Services commenced by this firm (mm/yy)	04/14	Total consultant contract cost ($1,000's)		$ 1,501	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)		$ 1,243	

H.010155 / US 90: Rail Spur Removal SE of LA 85: *Iberia Parish* – **For the future I-49,** Ms. Gill is the Project Engineer and Lead Design Engineer for this project which consists of preliminary and final plans for roadway and structure improvements at the existing at grade railroad crossing at US 90 in Iberia Parish. The existing at-grade railroad crossing will be replaced with a bridge structure crossing the railroad. The existing frontage roads will be used for traffic diversion during bridge construction. Ms. Gill is also designing the roadway approaches for several thousand feet to accommodate the bridge structure.

Firm Members Involved:
Richard R. Shread, P.E., P.L.S.(Principal)
Ripley "Gary" W. McClure, P.E.(Engineering Supervisor/Bridge Design)
Niccola D. Gill, P.E. (Lead Roadway and Bridge Design)

100% of work will be performed in Louisiana

17. Firm Experience:

Firm name	**Shread-Kuyrkendall & Associates, Inc.**		Past Performance Evaluation Discipline(s)*		Survey/Road/Bridge
Project name	**Pecue Lane / I-10 Interchange**		Firm responsibility (prime or sub?)		Prime
Project number	CS-09-US-0041/H.003047	Owner's name	East Baton Rouge City-Parish / LADOTD		
Project location	East Baton Rouge Parish		Owner's Project Manager	Tom Stephens/Anna Hanks	
Owner's address, phone, email	P.O. Box 1471, Baton Rouge, LA 70821 / (225)389-3189 / tstephens@brla.gov				
Services commenced by this firm (mm/yy)	10/10	Total consultant contract cost ($1,000's)		$ 7,464	
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm ($1,000's)		$ 3,800	

This project included plans for a brand new I-10 interchange at Pecue Lane, set to be the **first operational Diverging Diamond Interchange (DDI) in the State of Louisiana**. SKA provided engineering support from the very beginning of the environmental/ **NEPA** process, coordinated between all pertinent agencies and consultants. SKA investigated several design alternatives, alignments, and provided line and grade layouts for all alternatives considered. SKA attended several public meetings and was a major player and intricately involved in seeing the NEPA process to its successful completion. A final public hearing was required at the end of the NEPA process to ensure compliance with all environmental requirements. This large scale and very public and high profile project was ultimately broken into three phases to jump start the project in construction and provide more manageable construction funding. SKA managed the project and led the design team to successfully meet a shortened design schedule. In the end, the project consisted of **six bridges**, Mechanically Stabilized Earth (MSE) Retaining Walls, four interstate ramps and a six lane urban arterial section (Pecue Lane) with a Rieger Road connector. This interchange is currently in construction and as previously stated will be the state's first operational Diverging Diamond Interchange (DDI), an innovative approach in interchange design. The Pecue Lane DDI provides a higher level of operational efficiency and is a safer alternative to a conventional diamond interchange. It will consist of three thru lanes in each direction with raised medians and sub-surface drainage.

Firm Members Involved:
Richard R. Shread, P.E., P.L.S. (Project Supervisor)
Ripley "Gary" W. McClure, P.E.(Engineering Supervisor/Bridge Design)
John P. Raymond, P.E. (Project Manager/Road Design)
Niccola D. Gill, P.E. (Environmental/Hydraulics)

100% of work was performed in Louisiana

17. Firm Experience:

Firm name	Vectura Consulting Services, LLC		Past Performance Evaluation Category(ies)*	TM	
Project name	I-10 ITS Scott to Lake Charles		Firm responsibility (prime or sub?)	sub	
Project number	H.013256.5	Owner's name	DOTD		
Project location	I-10 (District 07)		Owner's Project Manager	Roy Esteven, PE	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-2527, Roy.Esteven@LA.gov				
Services commenced by this firm	01/21	Total consultant contract cost ($1,000's)	unknown		
Services completed by this firm	03/21	Cost of consultant services provided by this firm ($1,000's)	$20,162		

Vectura performed a Level 2 **Traffic Management Plan** (TMP) for the construction of ITS equipment along I-10. The plan included the following activities:

- safety strategy that included a CAT Scan,
- LOS determination utilizing Citrix data,
- lane closure recommendations based on a queue analysis,
- cost estimate,
- and public information strategies.

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

17. Firm Experience:

Firm name	Vectura Consulting Services, LLC		Past Performance Evaluation Discipline(s)*	Traffic & CE&I	
Project name	Belle Chasse Bridge & Tunnel Replacement PPP		Firm responsibility (prime or sub?)	sub	
Project number	H.004791	Owner's name	DOTD		
Project location	Belle Chasse, LA		Owner's Project Manager	Nickolas Olivier, PE	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1133, Nicholas.olivier@la.gov				
Services commenced by this firm (mm/yy)	04/19	Total consultant contract cost ($1,000's)		unknown	
Services completed by this firm (mm/yy)	current	Cost of consultant services provided by this firm ($1,000's)		211.890	

Vectura is providing the traffic engineering services for the Belle Chasse Bridge & Tunnel Replacement Project for improvements along LA 23. Vectura is responsible for the following tasks:

- Preliminary and final traffic studies
- 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, Bridget Robicheaux, and Reece Rodrigue (100% performed in Louisiana)

17. Firm Experience:

Firm name	Vectura Consulting Services, LLC		Past Performance Evaluation Category(ies)*	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		11/20	Total consultant contract cost ($1,000's)		unknown
Services completed by this firm		12/21	Cost of consultant services provided by this firm ($1,000's)		$82.045

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.

Roundabout Pavement Marking QC Review
Staff from Vectura provided a Quality Control review of the temporary construction and sequence of construction plans. Vectura also 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 MUTCD details on roundabouts.

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.

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

17. Firm Experience:

Identify the team's project experience **most relevant** to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm name	**Providence Engineering and Environmental Group LLC**	Past Performance Evaluation Discipline(s)*	**ENV**
Project name	**LA 70 Bypass, Stage 1 - Environmental Assessment**	Firm responsibility (prime or sub?)	PRIME
Project number	State Project No. H.010571.2 Federal Aid Project No. H010571	Owner's name	Louisiana Department of Transportation and Development (LA DOTD)
Project location	Assumption Parish, LA	Owner's Project Manager	Noel Ardoin
Owner's address, phone, email	PO Box 94245, Baton Rouge, LA 70804-9245, (225) 242-4501, noel.ardoin@la.gov		
Services commenced by this firm (mm/yy)	05/13	Total consultant contract cost ($1,000's)	$1,254
Services completed by this firm (mm/yy)	07/15	Cost of consultant services provided by this firm ($1,000's)	$873

The Louisiana Highway 70 (LA 70) project was to prepare the Stage 1 documents necessary to implement the construction of a proposed bypass and an emergency runaround of LA 70 near its intersection with LA 69 in Assumption Parish, LA. The LA 70 Bypass was proposed due to public safety concerns that have resulted in the closure of LA 70 numerous times in the last decade. These safety concerns are associated with failures of the Napoleonville Salt Dome, which have caused surface instability and the formation of a sinkhole south of the highway. While a long-term solution was being developed, further failure of the integrity of the Napoleonville Salt Dome could result in need to close LA 70. An Emergency Runaround would allow traffic to resume on this important route until a more permanent solution is implemented. For this reason, two Environmental Assessment (EA) documents were to be prepared under this project: one for the LA 70 Bypass and one for the Emergency Runaround. **Providence staff conducted wetland delineation, analysis, and data report, threatened and endangered species survey and report, and permitting assistance for the construction of the detour route off LA 70. Prepared wetland and jurisdictional determination request-USACE New Orleans District. A Finding of No Significant Impact (FONSI) was issued following the Environmental Assessment (EA).**

RELVEANT TEAM MEMBERS: Kerry Oriol, Tim Kimmel, Paul Clifton

17. Firm Experience:

Firm name	**Providence Engineering and Environmental Group LLC**	Past Performance Evaluation Discipline(s)*	**ENV**
Project name	**Environmental and Permitting Services Retainer Contract, Fort Buhlow Bridge**	Firm responsibility (prime or sub?)	PRIME
Project number	State Project No. 700-99-0439 Federal Aid Project No. IM-1709 (507)	Owner's name	Louisiana Department of Transportation and Development (LA DOTD)
Project location	Rapides Parish, LA	Owner's Project Manager	Robert Lott, PE
Owner's address, phone, email	PO Box 94245, Baton Rouge, LA 70804-9245, (225) 242-4504, robert.lott@la.gov		
Services commenced by this firm (mm/yy)		Total consultant contract cost ($1,000's)	$28
Services completed by this firm (mm/yy)	00/12	Cost of consultant services provided by this firm ($1,000's)	$28

The Fort Buhlow Bridge project was part of a retainer contract that included environmental and permitting services for 62 road and bridge projects throughout the state and involved coordination with all relevant federal, state, and local agencies. The proposed bridge and approaches project included replacement of the 0.6-mile-long O.K. Allen Bridge over Lake Buhlow and the widening and reconstruction of 1.3 miles of roadway approaches. **Providence staff completed wetland delineation, analysis, and data report. Prepared and submitted Section 10/404 permit application to the U.S. Army Corps of Engineers (USACE), filed the U.S. Coast Guard (USCG) bridge permit and Red River, Atchafalaya, and Bayou Boeuf Levee District permit applications. Upon the start of construction, the LA DOTD requested additional workspace associated with the construction of the new bridge. A wetland delineation was done on the additional area and permit amendments were filed with all relevant state and federal agencies.**

RELVEANT TEAM MEMBERS: Kerry Oriol, Paul Clifton

17. Firm Experience:

Firm name	**Providence Engineering and Environmental Group LLC**	Past Performance Evaluation Discipline(s)*	**ENV**
Project name	**Choudrant I-20 Service Road, Stage 1 – Environmental Assessment**	Firm responsibility (prime or sub?)	PRIME
Project number	State Project No. 700-31-0121 Federal Aid Project No. DE-3105(506)	Owner's name	Louisiana Department of Transportation and Development (LA DOTD)
Project location	Choudrant, Lincoln Parish, LA	Owner's Project Manager	Chad Turner
Owner's address, phone, email	PO Box 94245, Baton Rouge, LA 70804-9245, (225) 242-4524, chad.turner@la.gov		
Services commenced by this firm (mm/yy)	09/09	Total consultant contract cost ($1,000's)	$205
Services completed by this firm (mm/yy)	03/11	Cost of consultant services provided by this firm ($1,000's)	$205

Stage 1 Planning/Environmental: Part II Line and Grade Study and Part III Environmental Evaluation/Environmental Assessment (EA). Scope consisted of a study for refinement of a new service road from Pipes Road to LA Highway 820 (LA 820) to provide for an adequate emergency response plan when the LA Hwy 145 overpass or I-20 is closed for repairs, accidents, or hazardous material spills. The total length of the project is approximately one mile, consisting of two 12-foot travel lanes and 8-foot shoulders. **The EA was prepared in accordance with the Federal Highway Administration's (FHWA) Technical Advisory (TA) and addressed Purpose and Need, alternatives, solicitation of views, impacts, threatened and endangered species, wetlands, scenic streams, permits, Phase I Environmental Site Assessment, and Noise and Air quality. Providence staff assisted LA DOTD with environmental analysis, evaluation, and documentation of the social, economic, and environmental impacts of all alternatives, including a no-build alternative. Public outreach and involvement included a meeting and hearing along with the availability of transcripts. Other services provided included a wetlands report, document management, and NEPA compliance. Permitting coordination included preparation and submittal of USACE Section 10/404 permit, Section 401 Water Quality Certification, and Storm Water General Permit for Construction Activities.**

RELVEANT TEAM MEMBER: Paul Clifton, Kerry Oriol

17. Firm Experience:

Firm name	Marrero, Couvillon & Associates, LLC.		Past Performance Evaluation Discipline(s)*	Road	
Project name	I-10 Highland to LA 73 Design-Build Project		Firm responsibility (prime or sub?)	Sub	
Project number		Owner's name	East Baton Rouge Parish		
Project location	Ascension and East Baton Rouge Parish		Owner's Project Manager	Robert Lear, P.E. (Sigma)	
Owner's address, phone, email	10305 Airline Highway, Baton Rouge, LA 70816, (225) 298-0800 rlear@sigmacg.com				
Services commenced by this firm (mm/yr)	07/17	Total consultant contract cost ($1,000's)		Unknown	
Services completed by this firm (mm/yr)	11/20	Cost of consultant services provided by this firm ($1,000's)		$48	

Describe the project including the firm's role and members involved. **(Highlight staff to be used in this proposal.)**
* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.

MCA scope of services was to provide electrical engineering and design for lighting for the I-10 widening project from Highland to LA 30 design-build. The proposed lighting improvements included the replacement and upgrade of roadway lighting at locations of pre-existing lighting where the illumination and underpass lighting which will no longer meet standards or functionality due to modifications of the existing roads, bridges, alignment, and geometry of this project.

Key Personnel:
Robert Mejia, P.E. – Sr. Electrical Engineer
Christian Schade, P.E. – Electrical Engineer

17. Firm Experience:

Firm name	Marrero, Couvillon & Associates, LLC.			Past Performance Evaluation Discipline(s)*	Bridge
Project name	Bayou LaLoutre Bridge Rehabilitation			Firm responsibility (prime or sub?)	Sub
Project number	4400000641	Owner's name	LADOTD		
Project location	Yscloskey, St. Bernard Parish, LA		Owner's Project Manager	John Richard (TRC)	
Owner's address, phone, email	Two United Plaza, Suite 502, 850 United Plaza Blvd, Baton Rouge, LA 70809				
Services commenced by this firm (mm/yy)	01/12	Total consultant contract cost ($1,000's)		Unknown	
Services completed by this firm (mm/yy)	03/20	Cost of consultant services provided by this firm ($1,000's)		$225,000	

Describe the project including the firm's role and members involved. **(Highlight staff to be used in this proposal.)**
* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.

Bayou LaLoutre Bridge is a vertical lift bridge on LA 46 in Yscloskey, La., St. Bernard Parish. The total project was to provide final plans and technical specifications for cleaning, painting, electrical and structural repairs, and construction engineering services. MCA was engaged to perform a complete electrical rehabilitation, including new lighting panels, switchboards and electrical design for a new two story operator house

The scope of services includesd

a. Site inspection to identify all architectural and mechanical systems to be rehabilitated, including modifications needed to meet codes and regulations, or to improve functionality and reliability.
b. Prepare a scope of work document with associated costs
c. Preliminary plans
d. Final plans and specifications
e. Construction cost estimate
f. Construction related engineering support

Key Staff: Orien Butler, Sr. Electrical Engineer

17. Firm Experience:

Firm name	Marrero, Couvillon & Associates, LLC.		Past Performance Evaluation Discipline(s)*	Road/Bridge	
Project name	Leeville to Golden Meadow (Phase 2) Rouge LA1 Relocation		Firm responsibility (prime or sub?)	Sub	
Project number		Owner's name	Louisiana Department of Transportation		
Project location	Lafourche Parish		Owner's Project Manager	David Flanders (HNTB)	
Owner's address, phone, email	10000 Perkins Rowe, Suite 640, Baton Rouge, LA 70810, (225) 368-2800, dflanders@hntb.com				
Services commenced by this firm (mm/yy)	02/14	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)		$406	

Describe the project including the firm's role and members involved. **(Highlight staff to be used in this proposal.)**
* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.

MCA provided electrical engineering services for the design of approximately 9 miles of relocated LA 1 elevated roadway and approaches. The new alignment will cross several pipelines and canals, beginning at the North Connector in Leeville, LA and terminating at the existing 4-lane LA 3235 highway in Golden Meadow, LA. The alignment will connect to and continue the currently constructed southbound bridge in Leeville and will continue northward crossing the levee at Golden Meadow and tie into LA 3235 with a transition from 2 to 4 lanes. Phase 2 design will be segmented into three; Segment 2A (Southern Segment), Segment 2B (Middle Segment), and Segment 2C (Northern Segment). The services rendered by Marrero, Couvillon & Associates, LLC for this project consist of Stage 3: Design – Part III – Preliminary Plans. Electrical design included selected areas for all lighting systems and power for CCTV and toll booth facilities.

Key Personnel:
Orien Butler, P.E. – Sr. Electrical Engineer

18. Approach and Methodology:

Shread-Kuyrkendall & Associates (SKA) brings years of successful DOTD experience and has assembled a proven team with design experience following the LADOTD Project Delivery Manual for Stage 1 – Planning/Environmental, and Stage 3 - Design.

For DOTD's I:20 Widening/Overlay project, our team will include Marrero Couvillion (MCA), Vectura, and Providence. Our team members were selected based on our previous experience working as a team, their DOTD transportation project success, and their availability for this project.

The advertisement has a 2% DBE goal for this project. Shread-Kuyrkendall has strived to use qualified DBE consultants whenever possible. For this project, SKA proposes to use the DBE firms of Vectura and MCA for a **total DBE participation of 25%.**

CONTRACT SCOPING MEETING

After selection, the SKA Team will request a scoping meeting with the DOTD Project Manager (PM) and other appropriate DOTD staff. This meeting will define the project scope and identify any additional items not in the advertisement. This final scope will be used to develop the project manhours and fee proposal.

Defining the project scope clearly, ensures the project will progress smoothly starting with the Stage 1 (Planning/Environmental), to the Stage 3(Preliminary and Final Plans), and to Stage 5 (Construction Support) phases of the project.

KICKOFF MEETING FOR THE CONTRACT

Once the contract is executed and a Notice to Proceed is received, SKA will request a kickoff meeting through the DOTD PM. At this meeting, SKA will request the following data, if available:

- Pavement Design
- Topographic Survey
- Studies/As-Builts
- Environmental Data

The project kickoff meeting will be used to (1) establish project design criteria, (2) determine the frequency for project coordination meetings, (3) coordinate an on-site meeting with DOTD/District to discuss project concerns and constructability, and (4) discuss and review any questions that may have been revealed after reviewing existing documents.

STAGE ONE AND THE ENVIRONMENTAL PROCESS

Our Team will use Providence to provide the following Deliverables:

- (One) Public Meeting/Coordination
- Wetland Study and Wetland Findings Report

PUBLIC MEETING

Providence outreach specialists will arrange a public meeting which will include venue reservation, preparation/mailing(s) of a public notice, preparation of the technical presentations, handouts, and all other meeting related tasks. Providence understands that the public meeting arrangements and logistics are subject to the DOTD Environmental Section's approval. Providence will cause the public notices to be advertised in the proper forums and will also notify state, and federal agencies and officials. Providence will also prepare and provide visual materials for the public meeting which will include, but may not be limited to handouts, PowerPoint presentations, and various large-scale exhibits depicting the proposed alternatives,

existing ROW, and required ROW for each of the different alternatives. Exhibits depicting all alternatives and estimated right-of-way takings shall be prepared for the public meeting.

WETLAND STUDIES/WETLAND FINDINGS REPORTS

Delineate the areas in accordance with the 1987 Corps of Engineers Wetland Manual and guidance from the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region* (U.S. Army Corps of Engineers, Wetland Regulatory Assistance Program 2010). A Wetlands Findings Report (Report), using the latest Federal Highway Administration (FHWA) criteria will be drafted and submitted to the DOTD Project Manager. The Report will include discussions of the three wetland parameters (soils, hydrology, and vegetation), wetland impact areas, color photographs, and the requisite map exhibits and wetland determination data forms.

STAGE THREE: DESIGN – TRAFFIC SERVICES

Traffic Control Design, Traffic Signal Analysis and Design

Our Team member, Vectura, will provide traffic services. All seven Professional Engineers of Vectura took the DOTD Traffic Engineering Process and Report (TEPR) class. Six Professional Engineers are certified PTOE's. Vectura thoroughly understands the data collection, safety analysis, alternatives analysis process to develop the most appropriate traffic control devices. As shown in the staff and firm experience, Vectura has a long history of successfully performing the services listed in the Project Description section of the RFQ for DOTD.

Traffic Signal CE&I

1. Confirm Sample Plan at the kick-off meeting
2. Monthly construction meetings with DOTD and contractor

Providence biologists will document potential jurisdictional wetlands and regulated other waters of the United States at all sites including access points and temporary workspaces. Providence biologists will

   a. to address all construction issues that may cause delays
   b. confirm all testing is performed in accordance with the Sample Plan for the results to incorporated in the DOTD 2059 Report
   c. Coordinate all pay estimates and change orders
3. Review of all traffic signal shop drawings and compare to specifications and provide recommendations to DOTD
4. Field Visit
   a. To confirm the location of all signal pole foundations after all utilities and right-of-way are marked in the field.
   b. Verify all handicap ramp issues

Traffic Management Plan

Vectura will follow EDSM VI.1.1.8 that outlines what is required for a TMP. Vectura will coordinate with DOTD to obtain traffic volume and safety data for traffic study to perform safety analysis and alternative route analysis. If historic data is not available, Vectura will follow the Traffic Study Scope of Services as outlined on the DOTD Traffic Engineering website. Staff from Vectura have worked closely with the staff of DOTD through the development and implementation of the TEPR process. Vectura will utilize this experience to navigate the TEPR process to arrive upon the optimum detour route. Along with specifying the correct TTC Details, Vectura will coordinate with the bridge / road designers on a Work Zone Impact Management Strategy document to minimize risk and delays to the travel public.

STAGE THREE: DESIGN – PRELIMINARY AND FINAL PLANS

Preliminary Plans

- **30%, 60%, & 90% PRELIMINARY PLANS**
  1. Once the kick-off meeting is complete, SKA and Team will review all existing data provided by DOTD are compiled by the Team.
  2. SKA will perform detailed site visits for inspection of sign trusses and cantilevers within the project limits, review inspection reports. SKA will determine locations for sign supports (if needed), then prepare location layouts and request subgrade soil borings for foundation designs. SKA will review DOTD special details for sign supports for adequacy and if insufficient will design and detail a new sign support for construction (member sizes, connections, and foundations).
  3. SKA will request a pavement design from DOTD (DOTD to provide per RFQ).
  4. Team member, Vectura will begin traffic evaluation and counts as per the RFQ.
  5. For 60% and 90% submittals, Team member, MCA will begin lighting evaluation and analysis and provide details for submittals.
  6. For all submittals, SKA review and check all details, will provide estimated construction costs, and will submit plans in accordance with the LADOTD's Roadway Design Procedures and Details and Hydraulics Manual.
- **90% PRELIMINARY PLANS (PLAN-IN-HAND)**

  SKA and Team will address all comments and will assist the DOTD Project Manager in scheduling and conducting the Plan-In-Hand Meeting.
- **100% PRELIMINARY PLANS**

  Once the Plan-in-hand is completed and comments are received, SKA will address and incorporate comments. Existing right-of-way will be drawn and dimensioned with any taking lines shown. SKA will then submit 100% Final Preliminary Plans to the Project Manager.

Final Plans

- **60% & 95% FINAL PLANS**
  1. Structural details of sign supports will be developed for all ground and overhead sign supports along with footings and guardrails.
  2. The Team will submit 60% and 95% Final Plans in accordance with the LADOTD Delivery Process. The 95% Final Plans will be submitted to the Plan Quality Unit for review.
- **98% & 100% FINAL PLANS**
  1. Once Plan Quality comments are received, the Team will address all comments and submit 98% plans for final review then 100% Final Stamped Plans will be submitted for construction.
  2. The Team will assist DOTD with all Falcon questions during the bidding process promptly.

STAGE THREE: DESIGN – LIGHTING

Interstate Lighting

Team member Marrero, Couvillon, & Assoc. (MCA) will provide all engineering and related services necessary to provide 30%, 60%, 90%, and 100% roadway lighting plans for the Project. More specifically, MCA will:

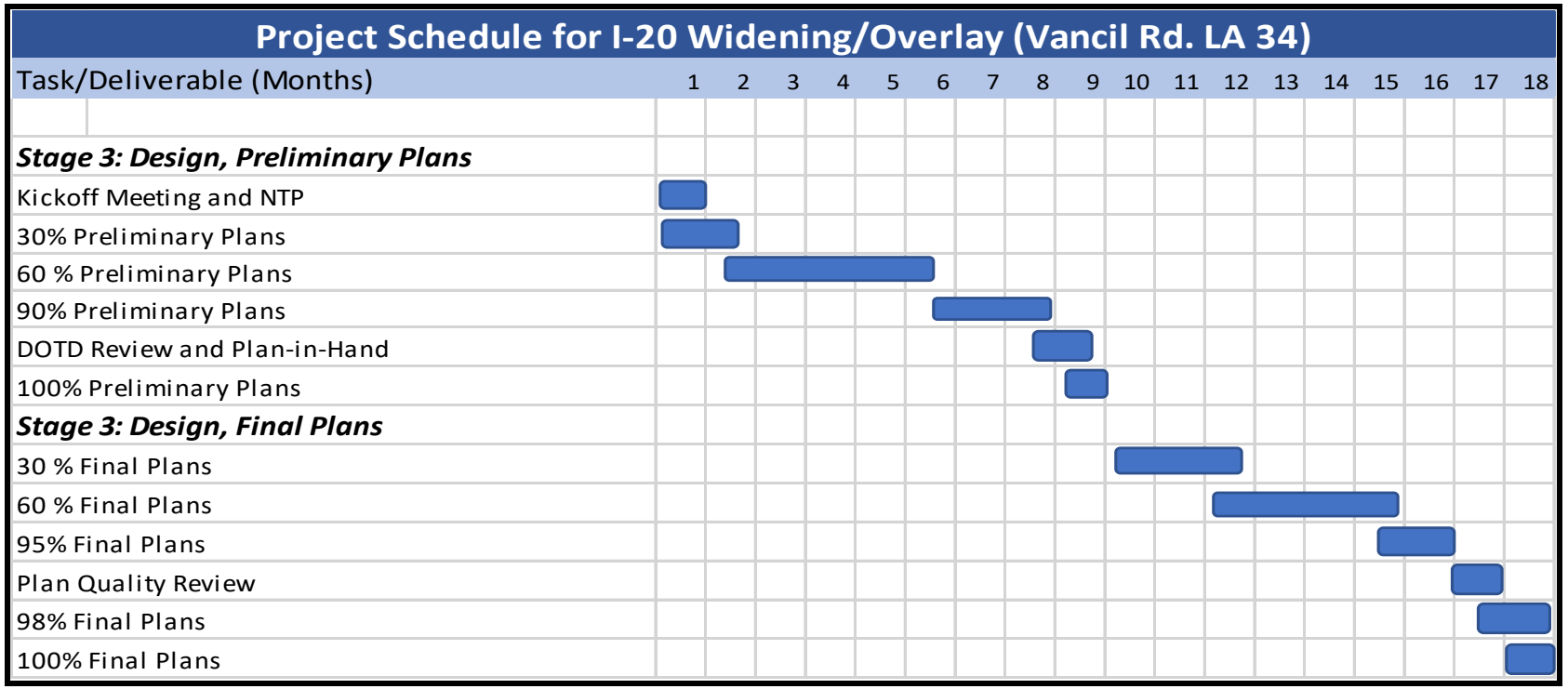
- Provide lighting at any pre-existing location where illumination no longer meets standards.
- Luminaires shall be LED

- A photometric analysis shall be performed and submitted to DOTD in report form that includes luminaire analysis of all roadways or interchanges within the project limits.
- Perform an FAA evaluation and submit documentation to FAA as required.

STAGE THREE: DESIGN – SIGNING

Permanent Signing

The Team will develop and provide a complete set of permanent signing plans. Development of the plans will follow the requirements of the LADOTD Sign Manual, LADOTD Traffic Manual and EDSMs.



19. Workload:

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
Shread-Kuyrkendall & Associates, Inc.	Survey, Road, Bridge	S.P. No. H.009266	I-10 (LA 73 to LA 30) Route I-10, Ascension Parish	$ 290,329
Shread-Kuyrkendall & Associates, Inc.	Survey, Road, Bridge	S.P. No. H.004435	I-12 to Bush, LA 3241 (LA 36 – LA 435), St. Tammany Parish	$ 107,948
Shread-Kuyrkendall & Associates, Inc.	Road	S.P. No. H.011706.5	Road Design Services St. Mary Parish	$ 126,599
Shread-Kuyrkendall & Associates, Inc.	Road, Bridge	S.P. No. H.010155	US 90 Railroad Overpass	$ 670,385
Shread-Kuyrkendall & Associates, Inc.	Bridge	H.011152	I-12 Widening (sub to T. Baker Smith)	$ 5,457
Shread-Kuyrkendall & Associates, Inc.	Road	H.013284	MRB South GBR: LA 1 to LA 30 Connector (sub to Atlas)	$ 3,121
Vectura Consulting Services, LLC	Traffic	H.010616	I-20: LA 544 Overpass Replacement	$ 4,959
Vectura Consulting Services, LLC	Traffic	H.005168.2	New Orleans Rail Gateway Jefferson Highway EA	$ 52,436
Vectura Consulting Services, LLC	Traffic	H.005168.2	New Orleans Rail Gateway Avondale EA	$ 209,504
Vectura Consulting Services, LLC	CE&I	H.007160	EBR Computerized Traffic Signal, Ph VB	$ 58,309
Vectura Consulting Services, LLC	Traffic	H.004791	Belle Chasse Bridge & Tunnel Replacement PPP	$ 21,999
Vectura Consulting Services, LLC	Traffic	H.012030.5	KCS RR Overpasses HBI	$ 28,026
PROVIDENCE	Environmental	H.003968.5	SPN 700-10-0115; I-10 Calcasieu River Bridge, Sampson St. Interchange TASK 1 Environmental and Litigation Support for EDC Contamination	$143,122

PROVIDENCE	Environmental	H.005121	SPN H.005121.5 LA 1/LA 415 Connector Route LA 1/LA 415 West Baton Rouge Parish (Supplemental Agreement No 1, Contract 4400007803)	$190,495
PROVIDENCE	CE&I/OV	H.000464	IDIQ Contract for Construction Engineering Management and Staff Augmentation Services for District 62 St. Helena, Livingston, St. John, St. Tammany, Tangipahoa and Washington Parishes	$1,174,526
PROVIDENCE	CE&I/OV	H.004634	IDIQ Contract for Construction Engineering TASK 1 Management and Staff Augmentation Services for District 62 St. Helena, Livingston, St. John, St. Tammany, Tangipahoa and Washington Parishes	$1,290,682
PROVIDENCE	CE&I/OV	H.011670	Loyola Drive/Interstate 10 (I-10) Interchange to New Airport Terminal (LANOIA) Design-Build Project (Subconsultant)	$1,387,694
PROVIDENCE	Environmental	H.013284	MRB South GBR: LA 1 to LA 30 Connector	$4,309
PROVIDENCE	Environmental	H. 004791	Belle Chasse Bridge and Tunnel Replacement Public- Private Partnership Project	$916,112
PROVIDENCE	CE&I/OV	H.012235	White Castle Sidewalks Safe Routes to School Project : IDIQ Contract for CE&I Services (SPN/ FAP H. 012235 / Task Order No. H. 012235.6)	$27,440
PROVIDENCE	CE&I/OV	H.010100	Pesson Elementary Sidewalks Safet Route to School Project: IDIQ Contract for CE&I Services (SPN/ FAP H. 010100 / Task Order No. H.010100.06)	$124,656
Marrero, Couvillon & Associates	Bridge	H.011705.6	US 11: Lake Pontchartrain Bridge Rehab – CA Services Orleans and St. Tammany Parishes	$9,276

DO NOT SUM

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

** Round to the nearest dollar. **Do not** round to the nearest thousands. If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column. LEAVING THE "REMAINING UNPAID BALANCE" COLUMN BLANK IS NOT ACCEPTABLE.

20. Certifications/Licenses:

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

Certificate of Completion

presented to

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

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 2

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

Professional Development Hours (PDHs) Awarded: 4

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Brin Ferlito

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Laurence Lambert

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Prasanth Malisetty

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 2.5

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

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Prasanth Malisetty

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 2

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

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report Module 2

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

Professional Development Hours (PDHs) Awarded: 3.5

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

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Reece Rodrigue

for completing the

Traffic Engineering Analysis Process & Report Module 3

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

Professional Development Hours (PDHs) Awarded: 3

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

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report
Module 1

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

Professional Development Hours (PDHs) Awarded: 2.5

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: August 6, 2018

Location: Baton Rouge, Louisiana

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Certificate of Completion

presented to

Kristen Gahagan

for completing the

Traffic Engineering Analysis Process & Report
Module 3

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

Professional Development Hours (PDHs) Awarded: 3

Authorized Instructor

Authorized Instructor

Authorized instructor

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

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

Ms. Sheelagh B. Ferlito, P.E., PTOE
Vectura Consulting Services, LLC

Thank you for renewing your certification as a Professional Traffic Operations Engineer®® (PTOE). The Transportation Professional Certification Board (TPCB) congrats you for your continued commitment to your profession. As a PTOE you will be recognized as one of a specialized group of professional Traffic Operations Engineers with the set of skills and expertise needed to build better communities.

Your certification is renewed through 9/9/2024.

You will not be receiving a new certificate as the one sent to you does not indicate an expiration date and can be displayed as long as you are a certified PTOE. Note that your certificate shows your original certification date.

At the end of the three-year period, your certification will be renewed without examination provided you have met the continuing education requirements described in the enclosed attachment.

Prior to the expiration of your PTOE, you will be notified of your renewal deadline. Additional examinations are not required if you renew within three-months of your expiration date 9/9/2024. Failure to renew within the 3-month grace period will result in a certified inactive letter and penalty fees for renewal. Visit our website for more information. http://www.tpcb.org/PTOE/feeschedule.asp

TPCB seeks to maintain the highest level of quality for its certification programs. Since its inception, the TPCB has required its certificants to maintain records with regard fulfillment of continuing education requirements. Please be advised that as of January 1, 2018, TPCB is phasing in a policy in which 20% of certificant renewals will be randomly selected for audit and the certificant will be required to provide documentation (certificates of completion, course syllabus, meeting agenda/registration, etc.) to demonstration fulfillment of continuing education requirements. The professional record-keeping system available from ITE, provides a resource to record the dates of completion of continuing education and maintain the necessary supporting documentation.

The TPCB continues its efforts to grow and enhance the value of the PTOE and its other certifications. In 2019 the TPCB web site was redesigned and a new certification – the Road Safety Professional – was launched. Going forward the TPCB is committed to expanding the awareness of its certification programs, encouraging jurisdictions to give preference to certificants and growing the number of certified professionals.

The TPCB distributes a quarterly newsletter and highlights the value of the its certification programs through the tpcb.org website. If you would like to contribute to the newsletter or website, please send any items of interest to: certification@tpcb.org.

Thank you for your continued PTOE certification and best wishes in the coming years.

Sincerely,

Deborah L. Snyder, P.E., PTOE
Chair, Transportation Professional Certification Board Inc.

Transportation Professional Certification Board Inc.

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

Prasanth Malisetty
Gresham Smith
16811 Sunset Point Ct
Baton Rouge, LA 70816 USA

Thank you for renewing your certification as a Professional Traffic Operations Engineer® (PTOE). The Transportation Professional Certification Board (TPCB) congrats you for your continued commitment to your profession. As a PTOE you will be recognized as one of a specialized group of professional Traffic Operations Engineers with the set of skills and expertise needed to build better communities.

Your certification is renewed through 7/20/2023.

You will not be receiving a new certificate as the one sent to you does not indicate an expiration date and can be displayed as long as you are a certified PTOE. Note that your certificate shows your original certification date.

At the end of the three-year period, your certification will be renewed without examination provided you have met the continuing education requirements described in the enclosed attachment.

Prior to the expiration of your PTOE, you will be notified of your renewal deadline. Additional examinations are not required if you renew within **three-months** of your expiration date 7/20/2023. Failure to renew within the 3-month grace period will result in a certified inactive letter and penalty fees for renewal. Visit our website for more information. http://www.tpcb.org/PTOE/feeschedule.asp

TPCB seeks to maintain the highest level of quality for its certification programs. Since its inception, the TPCB has required its certificants to maintain records with regard fulfillment of continuing education requirements. Please be advised that as of January 1, 2018, TPCB is phasing in a policy in which 20% of certificant renewals will be randomly selected for audit and the certificant will be required to provide documentation (certificates of completion, course syllabus, meeting agenda/registration, etc.) to demonstration fulfillment of continuing education requirements. The professional record-keeping system available from ITE, provides a resource to record the dates of completion of continuing education and maintain the necessary supporting documentation.

The TPCB continues its efforts to grow and enhance the value of the PTOE and its other certifications. In 2019 the TPCB web site was redesigned and a new certification – the Road Safety Professional – was launched. Going forward the TPCB is committed to expanding the awareness of its certification programs, encouraging jurisdictions to give preference to certificants and growing the number of certified professionals.

The TPCB distributes a quarterly newsletter and highlights the value of the its certification programs through the tpcb,org website. If you would like to contribute to the newsletter or website, please send any items of interest to: certification@tpcb.org.

Thank you for your continued PTOE certification and best wishes in the coming years.

Sincerely,

Diane W. Morabito

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

Attachments

Transportation Professional Certification Board Inc.

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

Reece J. Rodrigue
Quality Engineering & Surveying, LLC
18320 LA Hwy 42
Port Vincent, LA USA 70726

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

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

While you wait for your certificate, your PTOE certification number is: **4508** You should receive your certificate 120 days. If you wish your name to appear on the certificate any differently from how it is shown here, please contact Ann O'Neill **immediately** at aoneill@tpcb.org or by fax at 202-785-0609.

Reece J. Rodrigue

Your initial certification fee covers a three-year period and will expire July 17, 2022.

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

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

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

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

Sincerely,

Diane W. Morabito

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

Attachments

Transportation Professional Certification Board Inc.

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

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

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

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

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

Kristen Alice Gahagan

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

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

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

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

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

Sincerely,

Diane W. Morabito

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

Attachments

Transportation Professional Certi

1627 Eye Street, NW • Suite 600 • Washington, DC 20006 USA • Tel: 202

Mr. Laurence L. Lambert, II, P.E., PTOE, PTP
Vectura Consulting Services, LLC

Thank you for renewing your certification as a Professional Traffic Operations Engineer® (PTOE). The Transportation Professional Certification Board (TPCB) congrats you for your continued commitment to your profession. As a PTOE you will be recognized as one of a specialized group of professional Traffic Operations Engineers with the set of skills and expertise needed to build better communities.

Your certification is renewed through 2/3/2025.

You will not be receiving a new certificate as the one sent to you does not indicate an expiration date and can be displayed as long as you are a certified PTOE. Note that your certificate shows your original certification date.

At the end of the three-year period, your certification will be renewed without examination provided you have met the continuing education requirements described in the enclosed attachment.

Prior to the expiration of your PTOE, you will be notified of your renewal deadline. Additional examinations are not required if you renew within three-months of your expiration date 2/3/2025. Failure to renew within the 3-month grace period will result in a certified inactive letter and penalty fees for renewal. Visit our website for more information.
http://www.tpcb.org/PTOE/feeschedule.asp

TPCB seeks to maintain the highest level of quality for its certification programs. Since its inception, the TPCB has required its certificants to maintain records with regard fulfillment of continuing education requirements. Please be advised that as of January 1, 2018, TPCB is phasing in a policy in which 20% of certificant renewals will be randomly selected for audit and the certificant will be required to provide documentation (certificates of completion, course syllabus, meeting agenda/registration, etc.) to demonstration fulfillment of continuing education requirements. The professional record-keeping system available from ITE, provides a resource to record the dates of completion of continuing education and maintain the necessary supporting documentation.

The TPCB continues its efforts to grow and enhance the value of the PTOE an its other certifications. In 2019 the TPCB web site was redesigned and a new certification – the Road Safety Professional – was launched. Going forward the TPCB is committed to expanding the awareness of its certification programs, encouraging jurisdictions to give preference to certificants and growing the number of certified professionals.

The TPCB distributes a quarterly newsletter and highlights the value of the its certification programs through the tpcb.org website. If you would like to contribute to the newsletter or website, please send any items of interest to: certification@tpcb.org.

Thank you for your continued PTP certification and best wishes in the coming years.

Sincerely,

Deborah L. Snyder, P.E., PTOE
Chair, Transportation Professional Certification Board Inc.


ATSSA
SAFER ROADS SAVE LIVES
AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION
SLOW
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-[illegible]-4637 or at http://www.flagger.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Laurence Lambert

has attended

Traffic Control Supervisor Refresher-LA State Specific

Training Course

4/29/2022 to 4/29/2026
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

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

This certificate provides proof of training, not certification.

American Traffic Safety Services Association ATSSA.com

Certificate of Training

this certifies that

Prasanth Malisetty

has successfully completed the training program requirements for

Online Flagger Certification Training Course

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

The American Traffic Safety Services Association

Hereby recognizes that

Prasanth Malisetty

has attended

Traffic Control Technician-LA State Specific

Training Course

11/12/2019 to 11/12/2019
Date

Baton Rouge, LA
Location

ATSSA
SAFER ROADS SAVE LIVES

Jessica Schuyler
Training & Products Dept. Director

Ryan A. Wantz
President, CEO

The American Traffic Safety Services Association

Hereby recognizes that

Prasanth Malisetty

has attended

Traffic Control Supervisor-LA State Specific

Training Course

11/13/2019 to 11/14/2019
Date

Baton Rouge, LA
Location

ATSSA
SAFER ROADS SAVE LIVES

Jessica Schuyler
Training & Products Dept. Director

Ryan A. Wantz
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

Vice President of Member Services

President, CEO

ATSSA American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Brin Ferlito

has attended

Traffic Control Supervisor Refresher-LA State Specific

Training Course

4/29/2022 to 4/29/2026
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Kristen Farrington

has attended

Traffic Control Supervisor Refresher-LA State Specific

Training Course

4/5/2021 to 4/5/2025
Training Valid Through

Director of Training

Baton Rouge, LA
Location

President, CEO

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

ATSSA American Traffic Safety Services Association ATSSA.com

ATSSA
SAFER ROADS SAVE LIVES

Dear Certified Flagger:

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

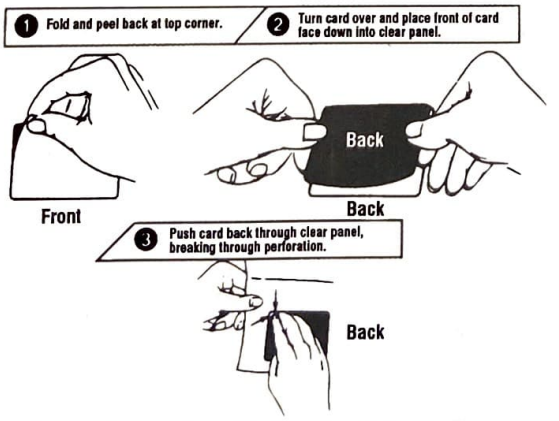
We commend you on your decision to become an ATSSA Certified Flagger. This distinction reflects that you have been trained by the leader in roadway safety and also entitles you to be listed on our National Flagger Database. Please review your state requirements for expiration of your flagger card. Also,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

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

Sincerely,

Director of Training

Laminating the front of your card with Dual Laminate:



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

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, NC541340

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

Certificate Eligibility: June 2022 to June 2023

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:

22. Sub-consultant information:

Firm Name (as registered with Louisiana's Secretary of State)	**Address**	**Point of Contact and email address**	**Phone Number**
Vectura Consulting Services, LLC	8000 Innovation Park Drive, Baton Rouge, LA 70820	Brin Ferlito, bferlito@vecturacs.com	225-223-6685
Providence Engineering and Environmental Group LLC	1201 Main Street, Baton Rouge, LA 70802	Adam Davis, PE adamdavis@providenceeng.com	(225) 766-7400
Marrero, Couvillon & Associates, LLC.	4354 S. Sherwood Forest Blvd., Suite D200 Baton Rouge, LA 70816	Greg DeCoursey, AIA gdecoursey@mca-llc.com	504-834-3448

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.