DOTD FORM: 24-102
CONSULTANT SERVICES PROPOSAL

SHREAD-KUYRKENDALL & ASSOC., INC.
13016 JUSTICE AVE.
BATON ROUGE, LA 70816
(225) 296-1335

IDIQ CONTRACT FOR STAGE 0 STUDIES STATEWIDE

Contract No. 4400030714 and 4400030715

APRIL 8, 2025

DOTD FORM: 24-102

(Revised December 12, 2024)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

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

1. Contract Name as shown in the advertisement	**IDIQ CONTRACT FOR STAGE 0 STUDIES STATEWIDE**
2. Contract Number(s) as shown in the advertisement	4400030714 and 4400030715
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name **(name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20)**	**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)	EF. 0000767 VF. 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	Ripley W. "Gary" McClure, President (225) 296-1335 shread@skaengr.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Ripley W. "Gary" McClure, 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. **Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.**	 Signature above shall be the same person listed in Section 9: April 7, 2025 Date:

11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.	Firm(s): **N/A**	Firm(s)' %:

12. Past Performance Evaluation Discipline Table

Past Performance Evaluation Discipline(s)	% of Overall Contract *	Prime	Sub-Consultant	Each Discipline must total to 100%
		Shread-Kuyrkendall & Associates, Inc.	Vectura Consulting Services, LLC	
Planning	**90%**	90%	10%	**100%**
Traffic	**10%**		100%	**100%**
Percent of Contract	**100%**	**81%**	**19%**	

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
	Supervisor-Eng	1	1
	Engineer	3	7
	CADD Technician	2	3
Vectura Consulting Services, LLC	Supervisor - Eng	2	2
	Engineer	3	3
	Engineer Intern	2	2
	Senior Technician	0	2
	Supervisor - Other	1	1
	Technician	1	1
	Clerical	1	1

14. Organizational Chart

LEGEND

* *Has completed traffic control technician requirements.*
* *Has completed traffic control supervisor requirements.*
* *Traffic Flagger*

PRIME
Shread-Kuyrkendall & Associates, Inc.

PRINCIPAL
**Ripley W. "Gary" McClure, PE (MPR 1, 2, 4, & 5)

SUPERVISING ENGINEER - QA/QC
**Niccola D. Gill, PE (MPR 7)

PLANNING & ENVIRONMENTAL
**Ripley W. "Gary" McClure, PE (MPR 1, 2, 4, & 5)

ROADWAY DESIGN
Lead
**John P. Raymond, PE (MPR 3)

**Garrett J. Gilbert, PE
**Andrew D. Shread, PE, PLS

CADD
Lead
James Partin

Dianna Sherman

BRIDGE DESIGN
Lead
**Niccola D. Gill, PE (MPR 7)

SUB-CONSULTANT
Vectura Consulting Services, LLC

PLANNING & ENVIRONMENTAL
*** Kristen Gahagan Farrington, PE, PTOE, RSP1 (MPR 8)

TRAFFIC DESIGN
Lead
***Sheelagh Brin Ferlito, PE, PTOE (MPR 6)

***Laurence Lucius Lambert, II, PE, PTOE, PTP (MPR 6)
***Reece Rodrigue, PE, PTOE, RSP1

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 and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Ripley W. "Gary" McClure, P.E.	**Shread-Kuyrkendall & Associates, Inc.**	PE. 0024035 – Civil and Environmental	LA	9/30/26
2	Ripley W. "Gary" McClure, P.E.	**Shread-Kuyrkendall & Associates, Inc.**	PE. 0024035 – Civil and Environmental	LA	9/30/26
3	John P. Raymond, P.E.	**Shread-Kuyrkendall & Associates, Inc.**	PE. 0027988 – Civil	LA	9/30/26
4	Ripley W. "Gary" McClure, P.E.	**Shread-Kuyrkendall & Associates, Inc.**	PE. 0024035 – Civil and Environmental	LA	9/30/26
5	Ripley W. "Gary" McClure, P.E.	**Shread-Kuyrkendall & Associates, Inc.**	PE. 0024035 – Civil and Environmental	LA	9/30/26
6	Sheelagh Brin Ferlito, PE, PTOE	**Vectura Consulting Services, LLC**	PE. 0025383 – Civil PTOE 932	LA	9/30/25 9/9/27
	Laurence Lucius Lambert, II, PE, PTOE, PTP	**Vectura Consulting Services, LLC**	PE. 0029901 – Civil PTOE 1303	LA	3/31/26 2/3/28
7	Niccola D. Gill, P.E.	**Shread-Kuyrkendall & Associates, Inc.**	PE. 0032914 – Civil	LA	3/31/27
8	Kristen Gahagan Farrington, PE, PTOE, RSP1	**Vectura Consulting Services, LLC**	PE. 0042785 – Civil PTOE 4863	LA	3/31/27 3/26/27

16. Staff Experience

Firm employed by **Shread-Kuyrkendall & Associates, Inc.**

Name	**Ripley W. "Gary" McClure, P.E.**	Years of relevant experience with this employer	34
Title	PRINCIPAL	Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization		B.S. / 1982 / Civil Engineering	
Active registration number / state / expiration date		PE. 0024035 / LA / September 30, 2026	
Year registered	1988 /1994 Discipline	Civil Engineering / **Environmental Engineering**	
Contract role(s) / brief description of responsibilities		**Meets the roles for MPR 1, 2, 4, and 5** *Mr. McClure's role will be Principal-in-Charge and oversee the development of the Planning and Environmental Document.*	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; Experience dates should cover the years of experience specified in the applicable MPR(s).
	*Mr. McClure, 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. McClure has over 40 years of experience in environmental projects and the design of roadways and bridges. Additionally, he has experience with DOTD Stage 0 Feasibility Studies and has experience coordinating with stakeholders, including government agencies, local communities, environmental agencies, and development of planning and environmental documents. He is very knowledgeable of DOTD standards and requirements in addition to the Stage 0 Manual of Standard Practice. Mr. McClure completed the* **Highway Safety Manual Workshop and NEPA Certified (NHI Course No. 142005)**
	Stage 0 and Stage 1 (NEPA)
08/17 - 05/18	**H.012353.1 / Stage 0 Study / LA 8: Sabine River to US 171:** *Vernon Parish* **–** Mr. McClure served as *Project Manager*. The purpose of this **Stage 0** was to assess and identify alternative project concepts that will address existing and future roadway traffic, safety conditions, and access management strategies along LA 8. Mr. McClure was responsible for overseeing the development of the design alternatives that met the requirement and needs of the area. He met with local and state agencies to determine long-term planning needs and requirements and was responsible for the development of the Stage 0 Feasibility Report.
05/17 - 05/19	**H.012306 / Stage 0 Study / LA 42: Highland Road at Pecue Lane (Intersection):** *East Baton Rouge Parish* – Mr. McClure served as *Supervising Engineer*. The purpose of this **Stage 0** Study was to assess and identify alternatives that will address safety and operation concerns at the intersection of LA 42 (Highland Road) and Pecue Lane. Mr. McClure was responsible for overseeing the development of the design alternatives that meet the requirements and needs of the project. He met with local and state agencies to determine needs and requirements. After developing a purpose and need, Mr. McClure developed alternatives that were acceptable to the community. Mr. McClure was responsible for the development and QA/QC of the Report.
05/13 - 02/24	**H.002825 / Stage 1 / Nicholson Drive (LA 30) Brightside Lane to Gourrier Ave:** *East Baton Rouge* – Mr. McClure served as *Supervising Engineer* for this **Stage 1** Environmental Study to widen Nicholson Drive from Brightside to Gourrier. Mr. McClure was responsible for the review and QA/QC for the development of design alternatives in addition to the preparation of a Line and Grade Study and the development of the Environmental Assessment in accordance with the **National Environmental Policy Act (NEPA)**, the Federal Highway Administration (FHWA), and Louisiana Department of Transportation and Development (LADOTD). This project consisted of an environmental analysis, evaluation, and documentation of the socio-economic and environmental impacts of three (3) alternatives as well as a no-build alternative.
09/09 - 11/10	**700-52-0191 / Stage 0 Study / US 190: LA 1089 (Mandeville) to US 11 (Slidell):** *St. Tammany Parish* **–** Mr. McClure served as *Supervising Engineer*. The **Stage 0** study area of US 190 consists of the intersection of LA 1089 (east of Mandeville, LA) and US 190. The purpose of this study is to assess and identify alternative project concepts that will address existing and future roadway traffic, safety conditions, and access management strategies along US 190 at a point near LA 1089 east of Mandeville to US 11 in the City of Slidell. Mr. McClure was responsible for overseeing the development of the design

	alternatives that meet the requirements and needs of the project. He met with local and state agencies to determine needs and requirements. After developing a purpose and need, Mr. McClure developed alternatives that were acceptable to the community. Mr. McClure was responsible for the development and QA/QC of the Report.
09/08 - 12/09	**701-65-1057 / Stage 0 Study / US 171 Realignment (DeRidder Bypass):** *Beauregard and Vernon Parishes* – Mr. McClure served as *Supervising Engineer*. The purpose of the **Stage 0** was to investigate the potential realignment of US 171 around the city of DeRidder to reduce traffic congestion and volumes alone existing local streets within the city of DeRidder, as well as along the existing US 171 route. Mr. McClure coordinated all meetings with state and local officials. As head of the design team, Mr. McClure was responsible for alternative routes which were submitted to the public. The location of the bypass was an environmentally sensitive as well as a physically sensitive area of Beauregard Parish. As a result, Mr. McClure worked closely with residents and officials to minimize impact to the area.
06/08 - 05/09	**701-65-1046 / Stage 0 Study / US 51B:** *Tangipahoa Parish*– Mr. McClure served as *Supervising Engineer*. The purpose of this **Stage 0** was to investigate potential solutions to the traffic congestion in the US 51 corridor in Hammond, Louisiana generally from Ponchatoula Creek to just north of the I-12 interchange. Mr. McClure was responsible for overseeing the development of the design alternatives that meet the requirements and needs of the project. He met with local and state agencies to determine needs and requirements.
02/04 - 11/09	**H.007154, H.007152, H.002303 / Stage 1 / Central Thruway:** *East Baton Rouge Parish* – Mr. McClure served as *Project Manager* and *Lead Bridge Design Engineer*. 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 provided engineering design support and he developed all of the multiple alternatives during the environmental **Stage 1** phase of the project
Roadway and Bridge	
03/21 - 01/25	**H.010155 / US 90: Rail Spur Removal SE of LA 85:** *Iberia Parish* – Mr. McClure served as *Lead Bridge Designer* for the future I-49**,** this project consists of preliminary and final plans for **roadway and two (2) parallel bridge structures** over an 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.
10/16 - 08/19	**H.011152 / I-12 Widening (US 190 to LA 59):** *St. Tammany Parish* – Mr. McClure served as *Bridge Design Engineer* for this project. He designed all girders, column bents, spans, sign supports and all other aspects of the bridges. 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 bridges over US 190** as a subconsultant. This design includes 3 – 12 foot travel lanes, 12 foot inside shoulder and 12 foot outside shoulder. The design includes AASHTO Type II & Type IV P.S. Girders. Total length of the two bridges is 680 feet each.
10/12 - Present	**H.009266 / I-10 (LA 73 to LA 30):** *Ascension Parish* – Mr. McClure serves as *Engineering Supervisor* and *Lead Bridge Designer*. This project involves the **widening of approximately 4.5 miles of Interstate 10** from LA 73 to LA 30, including **widening three (3) existing bridge structures** within the project limits. Project scope includes widening the interstate from two lanes in each direction to three lanes in each direction. Phased construction of bridges at the LA 73 interchange with I-10 requires diversion crossovers and ramp modifications. Mr. McClure performed existing bridge inspection, evaluation, and reports for bridges at LA 30 and Smith Bayou as well as oversaw *QA/QC.*
10/10 - Present	**H.013579, H.003047, & H.012290 / Pecue Lane / I-10 Interchange:** *East Baton Rouge Parish* – Mr. McClure served as *Engineer Supervisor* and *Bridge Design Supervisor*. Mr. McClure provided engineering design support and he developed all of the multiple alternatives during the environmental Stage 1 phase of the project. This project includes a **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.
08/10 - 01/15	**H.003107 / French Branch Bridge – West Pearl River Bridge (I-10 / I-12 / I-59):** *St. Tammany Parish* – Mr. McClure served as *Engineering Supervisor* and *Lead Bridge Designer*. 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. ***This project was a pavement preservation/restoration project and awarded the DOTD 2016 Transportation Excellence Award.***

16. Staff Experience

Firm employed by	**Shread-Kuyrkendall & Associates, Inc.**		
Name	**John P. Raymond, P.E.**	Years of relevant experience with this employer	32
Title	SENIOR ENGINEER	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		B.S. / 1992 / Civil Engineering	
Active registration number / state / expiration date		PE. 0027988 / LA / September 30, 2026	
Year registered	1998	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		**Meets the role for MPR 3** *Mr. Raymond's role will be Lead Roadway Engineer*	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; Experience dates should cover the years of experience specified in the applicable MPR(s).
	*Mr. Raymond has been a Project Manager/Road Design Engineer on multiple classes of roadways throughout his 32-year career with Shread-Kuyrkendall & Associates. He has designed and managed multiple roadway projects including pavement preservation projects, widening projects, new alignments, and intersection improvements throughout the state and is very knowledgeable of DOTD standards and requirements.*
Stage 0 and Stage 1 (NEPA)	
05/17 - 05/19	**H.012306 / Stage 0 Study / LA 42: Highland Road at Pecue Lane (Intersection):** *East Baton Rouge Parish* – Mr. Raymond served as *Road Design Engineer.* The preliminary purpose of this **Stage 0** Study was to assess and identify alternatives that will address safety and operation concerns at the intersection of LA 42 (Highland Road) and Pecue Lane. Mr. Raymond designed all the intersection alternatives that meet the requirements and needs of the project.
10/10 - Present	**H.013579, H.003047, & H.012290 / Stage 1 / Pecue Lane / I-10 Interchange:** *East Baton Rouge Parish* – Mr. Raymond is *Project Manager* and *Lead Roadway Design Engineer* for a Diverging Diamond Interchange (DDI). 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. Mr. Raymond provided engineering design support and he developed the line and grade during the environmental **Stage 1** phase of the project
06/08 - 05/09	**701-65-1046 / Stage 0 Study / US 51B:** *Tangipahoa Parish*– Mr. Raymond served as *Road Design Engineer*. The purpose of this **Stage 0** was to investigate potential solutions to the traffic congestion in the US 51 corridor in Hammond, Louisiana generally from Ponchatoula Creek to just north of the I-12 interchange. Mr. Raymond designed all the alternatives that meet the requirements and needs of the project.
02/04 - 11/09	**H.007154, H.007152, H.002303 / Stage 1 / Central Thruway:** *East Baton Rouge Parish* – Mr. Raymond served as *Road Design Engineer*. 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. Raymond provided engineering design support and he assisted in developing all of the multiple alternatives during the environmental **Stage 1** phase of the project
Roadway	
05/21 - Present	**MA-22-01/ LA 73 Roundabout at Bluff Rd. Connector** *Ascension Parish* – Mr. Raymond is *Project and Lead Road Design Engineer*. Mr. Raymond was responsible for the design of the **multi-lane roundabout** which includes a southbound channelized right turn lane on LA 73, an eastbound channelized right turn lane on the LA 73 at Bluff Rd. Connector, and is a multilane roundabout only in the northbound and southbound directions. This project, LA 73 Roundabout at Bluff Rd. Connector (MA-22-01), will convert an existing section of LA 73 from three lanes to four lanes with a raised median and

	curb and gutter providing access management. Two bulb-outs will be added for U-turns and control of access at the end of the project limits and a multi-lane roundabout is being designed at the intersection with the future Bluff Road Connector (MA-20-01) and an existing commercial drive. Access Management is being implemented due to the proximity of the roundabout to I-10 at LA 73. Mr. Raymond's responsibilities include project management, geometric and hydraulic design, sequence of construction, earthwork, and tabulation of quantities.
01/20 - 05/22	**MA-18-08/ Henry Road @ LA 930 Roundabout:** *Ascension Parish* – Mr. Raymond was *Project and Lead Roadway Design Engineer*. He provided design for a **single lane roundabout**. This project included a roundabout at the intersection of Henry Road and LA 930 (Daigle Road) to replace the existing stop-controlled intersection with a proposed single lane roundabout. LA 930 is a two-lane roadway running north-south at its intersection with Henry Road. Mr. Raymond's responsibilities include project management, geometric and hydraulic design, sequence of construction, earthwork, and tabulation of quantities. This project required coordination with DOTD for the route LA 930.
06/18 - 04/22	**H.001799 / LA 531 Overpass:** *Webster Parish* – Mr. Raymond served as *Project and Lead Roadway Design Engineer.* The project consisted of **roundabouts at the interstate ramp termini** and the corresponding roadway tie-ins for the LA 531 bridge replacement. This project is approximately 0.38 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's responsibilities included project management, geometric and hydraulic design, sequence of construction, design of superelevation, earthwork, and tabulation of quantities.
04/14 - Present	**H.004435 / LA 3241 (LA 36 to LA 435):** *St. Tammany Parish* – Currently in the construction phase**.** Mr. Raymond is *Project and Lead Road Design Engineer*. This project includes three (3) segments of nearly 20 miles of new roadway to connect Interstate 12 to the southern terminus of LA 21 in Bush, LA. SKA's contracted segment consists of approximately eight miles of a new alignment in St. Tammany Parish. This **new roadway is a four-lane freeway** with two new bridges (4 structures total) to span Bayou Lacombe at two different locations, each approximately 500' long. Innovative design alternatives were implemented during design as geometry was restricted to Restricted Crossing U-Turns (RCUT) at the major intersections and implementing J-Turns to accommodate U-turns and intersection thru movements. Mr. Raymond's responsibilities include project management, geometric and hydraulic design, sequence of construction, design of superelevation, earthwork, and tabulation of quantities.
10/12 - Present	**H.009266 / I-10 (LA 73 to LA 30):** *Ascension Parish* – Mr. Raymond is *Project Manager and Lead Road Design Engineer*. This project involves the **widening of approximately 4.5 miles of Interstate 10** from LA 73 to LA 30, including widening three (3) existing bridge structures within the project limits. Project scope includes widening the interstate from two lanes in each direction to three lanes in each direction. Mr. Raymond's responsibilities include project management, geometric and hydraulic design, sequence of construction, 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 is *Project Manager* and *Lead Roadway Design Engineer* for a **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, DOTD, and Federal involvement and funding. Mr. Raymond designed the proposed roadway and drainage for Pecue Lane. This project includes 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.
10/07- 01/10	**258-32-0022 / Essen Lane (LA 3064 at Interstate 10):** *East Baton Rouge Parish* – Mr. Raymond served as *Road Design Engineer*. Mr. Raymond designed and managed urban intersection improvements (UA-2) for DOTD 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. This project is very similar to pavement preservation in that the roadway was **widened along with pavement replacement**.
10/06 - 08/07	**258-31-0015 & 258-33-0006 / Burbank Drive / LA 42 (Bluebonnet to Highland):** *East Baton Rouge Parish* – Mr. Raymond served as *Project Manager and Lead Road Design Engineer*. Mr. Raymond designed and managed the **addition of two new lanes** of rural highway and urban connecting intersections for DOTD 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	22
Title	SENIOR ENGINEER	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		B.S. / 2002 / Civil Engineering	
Active registration number / state / expiration date		PE. 0032914 / LA / March 31, 2027	
Year registered	2007	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		**Meets the role for MPR 7** *Ms. Gill's role will be Supervising Engineer and oversee QA/QC for this project. She will also be Lead Bridge Designer*	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; Experience dates should cover the years of experience specified in the applicable MPR(s).
	*Ms. Gill has been a Project Engineer/Design Engineer on multiple classes of roadways and various complex bridge structures for over 20 years with Shread-Kuyrkendall & Associates. Additionally, she has experience with DOTD Stage 0 Feasibility Studies and is proficient in conducting environmental analyses, preparing NEPA documentation, and ensuring project compliance with federal, state, and local environmental regulations. She has experience coordinating with stakeholders, including government agencies, local communities, environmental agencies, and development of planning and environmental documents. She is very knowledgeable of DOTD standards and requirements in addition to the Stage 0 Manual of Standard Practice. Ms. Gill is* **NEPA Certified (NHI Course No. 142005)**
	Stage 0 and Stage 1 (NEPA)
08/17 - 05/18	**H.012353.1 / Stage 0 Study / LA 8: Sabine River to US 171:** *Vernon Parish* – Ms. Gill served as *Project Engineer*. The purpose of this **Stage 0** was to assess and identify alternative project concepts that will address existing and future roadway traffic, safety conditions, and access management strategies along LA 8. She met with local and state agencies to determine long term planning needs and requirements. Ms. Gill was responsible for the compilation of the Feasibility Study Report and all Public Meeting material.
05/17 - 05/19	**H.012306 / Stage 0 Study / LA 42: Highland Road at Pecue Lane (Intersection):** *East Baton Rouge Parish* – Ms. Gill served as *Project Engineer*. The purpose of this **Stage 0** Study was to assess and identify alternatives that will address safety and operation concerns at the intersection of LA 42 (Highland Road) and Pecue Lane. Ms. Gill was responsible for overseeing the development of the design alternatives that meet the requirements and needs of the project. She met with local and state agencies to determine needs and requirements. She was responsible for the development of the Stage 0 Feasibility Report.
05/13 - Present	**H.002825 / Stage 1 / Nicholson Drive (LA 30) Brightside Lane to Gourrier Ave:** *East Baton Rouge* – Ms. Gill served as *Project Engineer*. This was a **Stage 1** which consisted of an environmental analysis, evaluation, and documentation of the socio-economic and environmental impacts of three (3) alternatives as well as a no-build alternative. The objective was to provide detailed planning and environmental analysis that result in the documentation of an environmental decision. She was responsible for the development of design alternatives in addition to the preparation of a Line and Grade Study and an Environmental Assessment was in accordance with the **National Environmental Policy Act (NEPA)**, the Federal Highway Administration (FHWA), and Louisiana Department of Transportation and Development (LADOTD).
10/10 - Present	**H.013579, H.003047, & H.012290 / Stage 1 / Pecue Lane / I-10 Interchange:** *East Baton Rouge Parish* – Ms. Gill served as *Environmental Support* for a Diverging Diamond Interchange (DDI). 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. Ms. Gill provided engineering/environmental design support during the environmental **Stage 1** phase of the project. She was responsible for the hydraulic design needed for the Wetlands Permit.

06/10 - 07/11	**701-65-1404 / Stage 0 Study / LA 447 and I-12 Interchange:** *Livingston Parish* – Ms. Gill served as *Project Engineer*. She evaluated the capacity and safety limitations of LA 447 from Buddy Ellis Road to the Wal-Mart/Winn Dixie signalized intersection just north of Pendarvis Road and offered alternatives for making improvements to the route. Included in these limits is the LA 447 interchange with I-12. Ms. Gill was responsible for the compilation of the **Stage 0** Feasibility Study Report and all Public Meeting material.
09/09 - 11/10	**700-52-0191 / Stage 0 Study / US 190: LA 1089 (Mandeville) to US 11 (Slidell):** *St. Tammany Parish* – Ms. Gill served as *Project Engineer*. The study area of US 190 consists of the intersection of LA 1089 (east of Mandeville, LA) and US 190. The purpose of this **Stage 0** was to assess and identify alternative project concepts that will address existing and future roadway traffic, safety conditions, and access management strategies along US 190 at a point near LA 1089 east of Mandeville to US 11 in the City of Slidell. Ms. Gill was responsible for overseeing the development of the design alternatives that meet the requirements and needs of the project. She met with local and state agencies to determine needs and requirements. She was responsible for the development of the Stage 0 Feasibility Report and all Public Meeting material.
12/08 - 11/09	**700-55-0118 / Stage 0 Study / Replacement of the Houma Tunnel:** *Terrebonne Parish* – Ms. Gill served as *Project Engineer*. She was responsible for developing design alternatives that met the requirements of the area. She met with the South Central Planning & Development Commission to determine long term planning needs and requirements. After developing purpose and need, Ms. Gill developed alternatives that are acceptable to the community. Ms. Gill was responsible for the compilation of the **Stage 0** Feasibility Report and all Public Meeting material.
09/08 - 12/09	**701-65-1057 / Stage 0 Study / US 171 Realignment (DeRidder Bypass):** *Beauregard and Vernon Parishes* – Ms. Gill served as *Project Engineer*. The purpose of the **Stage 0** was to investigate the potential realignment of US 171 around the city of DeRidder to reduce traffic congestion and volumes alone existing local streets within the city of DeRidder, as well as along the existing US 171 route., Ms. Gill coordinated all meetings with the state and local officials. She was responsible for alternative routes which were submitted to the public. The location of the bypass was in an environmentally sensitive as well as a physical sensitive area of Beauregard Parish. As a result, Ms. Gill worked closely with residents and officials to minimize impact to the area.
Bridge	
03/21 - 01/25	**H.010155 / US 90: Rail Spur Removal SE of LA 85:** *Iberia Parish* – Ms. Gill served as *Engineer Supervisor* for the future I-49, this project consists of preliminary and final plans for roadway and **two (2) parallel bridge structures** over an 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 road (South) will be improved to carry US 90 traffic on a diversion road during bridge construction.
04/14 - Present	**H.004435 / LA 3241 (LA 36 to LA 435):** *St. Tammany Parish* – Ms. Gill served as the *Bridge Design Engineer and oversaw the QA/QC.* The new roadway is a four-lane freeway with **two new bridges (4 structures total)** to span Bayou Lacombe at two different locations, each approximately 500' long, with Type III Girder Spans. 90% of the project corridor is considered wetland which was considered in hydraulic design of the bridges as well as hydraulic analysis of the roadway. Ms. Gill 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.
10/16 - 08/19	**H.011152 / I-12 Widening (US 190 to LA 59):** *St. Tammany Parish* – Ms. Gill was a *Bridge Design Engineer* for this project. She designed girders, column bents, spans, sign supports and all other aspects of the bridges. 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 bridges over US 190** as a subconsultant. This design includes 3 – 12 foot travel lanes, 12 foot inside shoulder and 12 foot outside shoulder. The design includes AASHTO Type II & Type IV P.S. Girders. Total length of the two bridges is 680 feet each.
10/12 - Present	**H.009266 / I-10 (LA 73 to LA 30):** *Ascension Parish* – Ms. Gill serves as *Bridge Design Engineer and oversees QA/QC*. This project involves the **widening of approximately 4.5 miles of Interstate 10** from LA 73 to LA 30, including widening **three (3) existing bridge structures** within the project limits. Phased construction of bridges at the LA 73 interchange with I-10 requires diversion crossovers and ramp modifications. Ms. Gill's responsibilities included assisting in the comprehensive bridge evaluation of three (3) existing structures, bridge design calculations, bridge quantities, and hydraulic analysis.
10/10 - Present	**H.013579, H.003047, & H.012290 / Pecue Lane / I-10 Interchange:** *East Baton Rouge Parish* – Ms. Gill served as *Bridge Hydraulic Design Engineer.* This project includes a **Diverging Diamond Interchange (DDI**). 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. She performed the hydraulic analysis for the Wards Creek Bridge at Pecue Lane as well as the entrance ramp bridge at I-10.

16. Staff Experience

Firm employed by **Shread-Kuyrkendall & Associates, Inc.**

Name	**Andrew D. Shread P.E., P.L.S.**	Years of relevant experience with this employer	17
Title	ENGINEER LAND SURVEYOR	Years of relevant experience with other employer(s)	0

Degree(s) / Years / Specialization			B.S. / 2007 / Civil Engineering
Active registration number / state / expiration date			P.E. 0040351/ LA/ September 30, 2026 P.L.S. 0005087/ LA/ September 30, 2026
Year registered	2015 / 2012	Discipline	Civil Engineering / Land Surveying
Contract role(s) / brief description of responsibilities			*Mr. Shread's role will be Roadway Engineer*

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; Experience dates should cover the years of experience specified in the applicable MPR(s).
	*Mr. Shread has experience working as Surveyor and Roadway Design Engineer. Mr. Shread's survey projects consist of topographic surveys, boundary surveys, control surveys, right-of-way surveys, and hydrographic surveys working with various municipalities and various agencies including USCOE, LADOTD, Parish Governments, and Police Juries, He is also a registered Professional Engineer with experience in roadway, including roadway widening projects, new alignments, and pavement preservation and reconstruction projects throughout the state and is very knowledgeable of DOTD standards and requirements.*
Roadway	
06/22 - Present	**H.014412 / Jean Lafitte Pkwy: LA 39 to Hermitage Dr.:** *St. Bernard Parish* – Mr. Shread serves as *Project Engineer* and *Road Designer* for this project which consists of **full reconstruction** of the existing roadway, spot replacement of damaged sidewalks, replacement of ADA street corners, and some minor drainage, water and sewer design.
09/21 - On-Hold	**H.011706 / Baldwin Railroad Crossing Safety Improvements:** *St. Mary Parish* – Mr. Shread serves as *Project Engineer* and *Road Designer* for this project. This project is currently on hold due to utility conflicts. This project involves designing a **new roadway** parallel to the railroad and will eliminate crossing conflict points in an effort to improve safety. The project is approximately 0.47 miles long. Mr. Shread was involved in the geometric design, hydraulic design, quantities, and sequence of construction of the project.
04/21 - 08/22	**H.014051 / Lakewood Dr. Reconstruction:** *St. Charles Parish* – The Lakewood Dr. Reconstruction is the **reconstruction** of an urban minor collector. Mr. Shread performed the survey for the project. Mr. Shread also assisted with the drainage analysis and design. The purpose was to investigate observed insufficiencies in the subsurface drainage system along the Lakewood Dr. corridor. The study used LADOTD HYDRWIN programs to confirm the capabilities of the existing drainage system along Lakewood Dr.
11/20 - Present	**Port of South Louisiana Road and Parking Area Improvements:** *St. John the Baptist Parish* – Mr. Shread serves as the *Project Engineer* for this project and performed the topographic survey and design for several **roadways and parking area improvements located** at the Port of South Louisiana Globalplex facility. Mr. Shread also managed the construction administration for the projects that have been completed thus far. This project, although not a LA DOTD project, was done to the LA DOTD's 2016 Standards and Specifications for Roads and Bridges.

1/20 - 5/22	**MA-18-08/ Henry Road @ LA 930 Roundabout:** *Ascension Parish* – Mr. Shread provided road design assistance for the Henry Road-LA 930 **roundabout** project. Mr. Shread's responsibilities included project geometrics and hydraulic design along with coordination between two other intersecting roadway projects. Mr. Shread also completed the right of way maps for the project. The project was a single lane Roundabout to replace a 4-way stop intersection.
12/19 - On-Hold	**MA-17-02 / Roddy Road Widening: US 61 To LA 935:** *Ascension Parish* – Mr. Shread performed the topographic survey for the Roddy Road **widening** project. Mr. Shread also established geometric baselines the project. The project was a reconstruction of the existing roadway that widened the existing section to current design standards.
04/14 - Present	**H.004435 / LA 3241: LA 36 TO LA 435:** *St. Tammany Parish* – Mr. Shread performed the field survey, boundary survey, right of way maps, and the geometrics for the new construction project, LA 3241. The project is **new construction of a 4-lane** median separated, rural arterial roadway.
10/10 - Present	**H.013579, H.003047, & H.012290 / Pecue Lane / I-10 Interchange:** *East Baton Rouge Parish* – Mr. Shread served as survey project manager and right of way professional land surveyor for Louisiana's first **Diverging Diamond Interchange (DDI)**. Mr. Shread completed the survey for the LA DOTD standards for topographic and right of way surveys. The project was ultimately broken into three separate phases and design plans to facilitate federal redistribution funding requirements. 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.
11/08 - 11/12	**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. Shread assisted the professional engineers in the repair of urban roadways damaged during Hurricane Katrina. Identified repairs for 25+ urban streets in Orleans, Jefferson, and St. Bernard Parishes. The field work included identification of base failures, recommended repairs, development of typical sections, sequence of construction and quantities. These roadways were **pavement preservation/restoration** projects.

16. Staff Experience

Firm employed by **Shread-Kuyrkendall & Associates, Inc.**

Name	**Garrett J. Gilbert P.E.**	Years of relevant experience with this employer	5
Title	ENGINEER	Years of relevant experience with other employer(s)	1

Degree(s) / Years / Specialization			B.S. / 2018 / Civil Engineering
Active registration number / state / expiration date			PE. 0049387 / LA / March 31, 2027
Year registered	2024	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities			*Mr. Gilbert's role will be Roadway Engineer*

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; Experience dates should cover the years of experience specified in the applicable MPR(s).
	*Mr. Gilbert has been a Project Manager/Road Design Engineer on multiple classes of roadways including pavement preservation projects, widening projects, new alignments, and intersection improvements. He has experience with vertical alignments, joint layouts, drainage design, erosion control, sequence of construction, signing, earthwork, quantity estimates, and cost estimates for roadway projects.*

Roadway

12/22 - Present	**H.015056, H.015058, H.015619 / IDIQ Pavement Preservation Contract:** *Vermillion and Evangeline Parishes* – Mr. Gilbert assists in roadway design under the supervision of an P.E., which included the identification of base failures, recommended repairs, identify drainage improvements, development of typical sections, sequence of construction and quantities. The contract consists of preparing preliminary and final plans for the mill and overlay and reconstruction for the roadways associated with this IDID Pavement Preservation Contract. These roadways were **pavement preservation/restoration** projects.
12/22 - Present	**H.009266/ I-10: LA 73 to LA 30:** *East Baton Rouge Parish* – The I-10: LA 73 to LA 30 project is the addition of a third lane to the I-10 corridor between LA 73 and LA 30, including the **widening** of the bridges crossing I-10 within project boundaries. Mr. Gilbert has performed quantity calculation and cost estimation for the project. Mr. Gilbert also performed the drainage analysis and joint layout for a portion of the project.
03/21 - 01/25	**H.010155 / US 90: Rail Spur Removal SE of LA 85:** *Iberia Parish* – For the future I-49**,** this project consists of preliminary and final plans for roadway and two (2) parallel bridge structures over an 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 road (South) will be improved to carry US 90 traffic on a diversion road during bridge construction. Mr. Gilbert performed the quantity and cost estimation for the roadway elements of the project with addition of the earthwork.
05/21 - Present	**MA-20-01/ LA 73 Roundabout at Bluff Rd. Connector:** *Ascension Parish* – The Bluff connector project is a **new construction** project for a connector road between LA 73 and Bluff Road. Mr. Gilbert managed vertical alignment and drainage design for the project. Mr. Gilbert also managed quantity and cost estimation for the project. A substantial portion of the project was designed using OpenRoads. This work in OpenRoads was also used to perform an inhouse OpenRoads tutorial presented by Mr. Gilbert.
04/21 - Present	**H.014051/ Lakewood Dr. Reconstruction:** *St. Charles Parish* – Currently in construction, the Lakewood Dr. Reconstruction Project is the **reconstruction** of an urban minor collector. Mr. Gilbert performed the quantity and cost estimation for the project. Mr. Gilbert also performed a drainage study in a separate contract with St. Charles Parish. The purpose was to investigate observed insufficiencies in the subsurface drainage system along the Lakewood Dr. corridor. The study used DOTD HYDRWIN programs to inform sufficiency of the existing drainage system on Lakewood Dr. Mr. Gilbert has been performing CE&I duties for DOTD as SKA are the LPA engineers for the project.

06/20 - 05/22	**H.012588/H.012169/H.012587 I:10 Overlays Atchafalaya Basin Bridge To W End Of La 415:** *Iberville/West Baton Rouge* Parishes– These are three separate overlay projects that follow sequentially along I-10. The project intention is to overlay the existing pavement by 8" over existing structure, using transitions to meet tie-ins at project limits and bridges. The majority of the projects were adjusting existing conditions to meet design standards. Mr. Gilbert managed all parts of plan creation under P.E. supervision. This includes adjustments to drainage, road, striping, earthwork, guardrail, sequence of construction, and cable barriers. OpenRoads was used moderately through the projects in attempt to prepare for the eventual switch to the program for DOTD projects. These roadways were **pavement preservation/restoration** projects.
04/20 - 04/22	**H.001799/ LA 531 Overpass:** *Webster Parish* – The project consists of **roundabouts at the interstate ramp termini** and the corresponding roadway tie-ins for the LA 531 bridge replacement. This 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. Gilbert performed the quantity and cost estimation. Mr. Gilbert performed the joint layout, drainage design, signing, and erosion control for the project. Mr. Gilbert assisted with sequencing of the project specifically designing the detour roadways.
01/20 - 05/22	**MA-18-08/ Henry Road @ LA 930 Roundabout:** *Ascension Parish* – This project included a **roundabout at the intersection** of Henry Road and LA 930 (Daigle Road) to replace the existing stop-controlled intersection with a proposed single lane roundabout. LA 930 is a two-lane roadway running north-south at its intersection with Henry Road. This project required coordination with DOTD for the route LA 930. Mr. Gilbert performed the quantity and cost estimation for the Henry Road Roundabout Project. Mr. Gilbert also performed the drainage design and signing for the project.
12/19 - On Hold	**MA-17-02/ Roddy Road Widening: US 61 TO LA 935:** *Ascension Parish* – This project was a **reconstruction** of the existing roadway that **widened** the existing section to current design standards. Mr. Gilbert performed the quantity and cost estimation for the Roddy Road widening project. Mr. Gilbert also performed the signing, and erosion control for the project. Mr. Gilbert is not currently performing work on this project.
09/19 - 03/22	**H.004435/ LA 3241: LA 36 TO LA 435:** *St. Tammany Parish* – Mr. Gilbert performed the quantity and cost estimation for the new construction project of LA 3241. Mr. Gilbert designed the erosion control and signing for the project. The project is **new construction of a 4-lane** median separated, rural arterial roadway.
06/19 - Present	**H.003047/ Pecue Lane/ I-10 Interchange (PHASE 3):** *East Baton Rouge Parish* – This project includes a **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. Mr. Gilbert performed the quantity estimation and cost estimation for the Pecue Lane DDI Interchange project. The project was the addition of an DDI interstate interchange at Pecue Lane and I-10. Mr. Gilbert is not currently performing work on this project.
05/17 - 08/17 **05/18 - 08/18** **01/19 - 06/19**	**Mississippi Department Of Transportation: Brookhaven Construction Office / Carthage Construction Office / Whitfield Construction Office:** Mr. Gilbert interned with MDOT for two summers and was a full-time employee after graduation for five months. Mr. Gilbert worked for various MDOT construction offices which work to insure MDOT projects are constructed to state standards and manages appropriate payment for construction. Mr. Gilbert began in inspection roles, ensuring contractors performed tasks to proper standards and quantities were recorded for payment purposes. Towards the end of his employment with MDOT Mr. Gilbert was being trained to manage projects. Mr. Gilbert spent most of his time with MDOT in the field, overseeing reconstruction, new construction, bridge construction and all-encompassing work related to these types of state transportation projects.

16. Staff Experience

Firm employed by **Shread-Kuyrkendall & Associates, Inc.**

Name	**James Partin**	Years of relevant experience with this employer	24
Title	CADD TECHNICIAN	Years of relevant experience with other employer(s)	11

Degree(s) / Years / Specialization	Bachelor of Science / 1989 / Engineering Graphics
Active registration number / state / expiration date	N/A
Year registered N/A Discipline	N/A
Contract role(s) / brief description of responsibilities	*Mr. Partin will be lead CADD Technician. Mr. Partin's role includes using MicroStation to create project plan sets that are used for presentations, feasibility reports, project bids and construction.*

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; Experience dates should cover the years of experience specified in the applicable MPR(s).
	Stage 0 and Stage 1 (NEPA)
08/17 - 05/18	**H.012353.1 / Stage 0 Study / LA 8: Sabine River to US 171:** *Vernon Parish* – Mr. Partin provided *CADD work.* The purpose of this **Stage 0** was to assess and identify alternative project concepts that will address existing and future roadway traffic, safety conditions, and access management strategies along LA 8. Mr. Partin was responsible for creating all the layouts and presentation material associated with the Plans, Stage 0 Feasibility Study Report, and Public Meetings.
05/17 - 05/19	**H.012306 / Stage 0 Study / LA 42: Highland Road at Pecue Lane (Intersection):** *East Baton Rouge Parish* – Mr. Partin provided *CADD work.* The purpose of this **Stage 0** Study was to assess and identify alternatives that will address safety and operation concerns at the intersection of LA 42 (Highland Road) and Pecue Lane. Mr. Partin was responsible for creating all the layouts and presentation material associated with the Plans and Stage 0 Feasibility Study Report.
10/10 - Present	**H.013579, H.003047, & H.012290 / Stage 1 / Pecue Lane / I-10 Interchange:** *East Baton Rouge Parish* – Mr. Partin provided *CADD work* for a Diverging Diamond Interchange (DDI). 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. Mr. Partin was responsible for creating all the layouts and presentation material associated with the Plans during the environmental **Stage 1** phase of the project.
06/10 - 07/11	**701-65-1404 / Stage 0 Study / LA 447 and I-12 Interchange:** *Livingston Parish* – Mr. Partin provided *CADD work* the capacity and safety limitations of LA 447 from Buddy Ellis Road to the Wal-Mart/Winn Dixie signalized intersection just north of Pendarvis Road and offered alternatives for making improvements to the route. Included in these limits is the LA 447 interchange with I-12. Mr. Partin was responsible for creating all the layouts and presentation material associated with the Plans, **Stage 0** Feasibility Study Report, and Public Meetings.
09/09 - 11/10	**700-52-0191 / Stage 0 Study / US 190: LA 1089 (Mandeville) to US 11 (Slidell):** *St. Tammany Parish* – Mr. Partin provided *CADD work.* The study area of US 190 consists of the intersection of LA 1089 (east of Mandeville, LA) and US 190. The purpose of this study is to assess and identify alternative project concepts that will address existing and future roadway traffic, safety conditions, and access management strategies along US 190 at a point near LA 1089 east of Mandeville to US 11 in the City of Slidell. Mr. Partin was responsible for creating all the layouts and presentation material associated with the Plans, **Stage 0** Feasibility Study Report, and Public Meeting Exhibits.
12/08 - 11/09	**700-55-0118 / Stage 0 Study / Replacement of the Houma Tunnel:** *Terrebonne Parish* – Mr. Partin provided *CADD work.* The purpose of this project was to provide a **Stage 0** Feasibility Study on the improvements or the replacement of the Houma Tunnel. Mr. Partin was responsible for creating all the layouts and presentation material associated with the Plans, Stage 0 Feasibility Study Report, and Public Meetings.

Roadway and Bridge	
03/21 - 01/25	**H.010155 / US 90: Rail Spur Removal SE of LA 85:** *Iberia Parish* – Mr. Partin provided *CADD work* for the future I-49**,** this project consists of preliminary and final plans for **roadway and two (2) parallel bridge structures** over an 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 road (South) will be improved to carry US 90 traffic on a diversion road during bridge construction.
05/21 - Present	**MA-22-01/ LA 73 Roundabout at Bluff Rd. Connector** *Ascension Parish* – Mr. Partin provided *CADD work* for the design of the **multi-lane roundabout** which includes a southbound channelized right turn lane on LA 73, an eastbound channelized right turn lane on the LA 73 at Bluff Rd. Connector, and is a multilane roundabout only in the northbound and southbound directions. This project, LA 73 Roundabout at Bluff Rd. Connector (MA-22-01), will convert an existing section of LA 73 from three lanes to four lanes with a raised median and curb and gutter providing access management. Two bulb-outs will be added for U-turns and control of access at the end of the project limits and a multi-lane roundabout is being designed at the intersection with the future Bluff Road Connector (MA-20-01) and an existing commercial drive. Access Management is being implemented due to the proximity of the roundabout to I-10 at LA 73.
06/20 - 05/22	**H.012588, H.012169, H.012587/ I-10 (Atchafalaya Basin Bridge to LA 415):** *West Baton Rouge and Iberville Parishes* – Mr. Partin provided *CADD work* 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. These roadways were **pavement preservation/restoration** projects.
04/14 - Present	**H.004435 / LA 3241 (LA 36 to LA 435):** *St. Tammany Parish* – Mr. Partin provided *CADD work* for this project which includes three (3) segments of nearly **20 miles of new roadway** to connect Interstate 12 to the southern terminus of LA 21 in Bush, LA. SKA's contracted segment consists of approximately eight miles of a new alignment in St. Tammany Parish. This new roadway is a four-lane freeway with **two new bridges (4 structures total)** to span Bayou Lacombe at two different locations, each approximately 500' long. Innovative design alternatives were implemented during design as geometry was restricted to Restricted Crossing U-Turns (RCUT) at the major intersections and implementing J-Turns to accommodate U-turns and intersection thru movements.
08/10 - 01/15	**H.003107 / French Branch Bridge – West Pearl River Bridge (I-10 / I-12 / I-59):** *St. Tammany Parish* – Mr. Partin provided *CADD work* for this project which 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. ***This project was a pavement preservation/restoration project and awarded the DOTD 2016 Transportation Excellence Award.***
10/12 - Present	**H.009266 / I-10 (LA 73 to LA 30):** *Ascension Parish* – This project includes **widening 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, existing bridge widening at three locations within the project limits. Phased construction of bridges at the LA 73 interchange with I-10 requires diversion crossovers and ramp modifications. Mr. Partin is assisting in the CADD work for construction plans, which include typical sections, details, quantity calculations, alignment plan and profile sheets, drainage maps, geometric details, bridge plans and details, and cross sections.

16. Staff Experience

Firm employed by **Shread-Kuyrkendall & Associates, Inc.**

Name	**Dianna Sherman**	Years of relevant experience with this employer	9
Title	CADD TECHNICIAN	Years of relevant experience with other employer(s)	14

Degree(s) / Years / Specialization			Bachelor of Science / 2002 / Industrial Technology Associate Degree / 2002 / Design and Drafting
Active registration number / state / expiration date			N/A
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities			*Ms. Sherman will assist as a CADD Technician. Ms. Sherman's role includes using MicroStation to create project plan sets that are used for presentations, project bids and construction.*

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; Experience dates should cover the years of experience specified in the applicable MPR(s).
	Stage 0
08/17 - 05/18	**H.012353.1 / Stage 0 Study / LA 8: Sabine River to US 171:** *Vernon Parish* – Ms. Sherman provided *CADD work.* The purpose of this **Stage 0** was to assess and identify alternative project concepts that will address existing and future roadway traffic, safety conditions, and access management strategies along LA 8. Ms. Sherman assisted in creating all the layouts and presentation material associated with the Plans, Stage 0 Feasibility Study Report, and Public Meetings.
05/17 - 05/19	**H.012306 / Stage 0 Study / LA 42: Highland Road at Pecue Lane (Intersection):** *East Baton Rouge Parish* – Ms. Sherman provided *CADD work.* The preliminary purpose of this Stage 0 Study was to assess and identify alternatives that will address safety and operation concerns at the intersection of LA 42 (Highland Road) and Pecue Lane. Ms. Sherman assisted in creating all the layouts and presentation material associated with the Plans, **Stage 0** Feasibility Study Report, and Public Meeting Exhibits.
	Roadway and Bridge
12/22 - Present	**H.015056, H.015058, H.015619 / IDIQ Pavement Preservation Contract:** *Vermillion and Evangeline Parishes* – Ms. Sherman provides *CADD work* for this project which includes identification of base failures, recommended repairs, identify drainage improvements, development of typical sections, sequence of construction and quantities. The contract consists of preparing preliminary and final plans for the mill and overlay and reconstruction for the roadways associated with this IDID Pavement Preservation Contract. These roadways were **pavement preservation/restoration** projects.
03/21 - 01/25	**H.010155 / US 90: Rail Spur Removal SE of LA 85:** *Iberia Parish* – Ms. Sherman provided *CADD work* for the future I-49, this project consists of preliminary and final plans for **roadway and two (2) parallel bridge structures** over an 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 road (South) will be improved to carry US 90 traffic on a diversion road during bridge construction.
05/21 - Present	**MA-22-01/ LA 73 Roundabout at Bluff Rd. Connector** *Ascension Parish* – Ms. Sherman provided *CADD work* for the design of the **multi-lane roundabout** which includes a southbound channelized right turn lane on LA 73, an eastbound channelized right turn lane on the LA 73 at Bluff Rd. Connector, and is a multilane roundabout only in the northbound and southbound directions. This project, LA 73 Roundabout at Bluff Rd. Connector (MA-22-01), will convert an existing section of LA 73 from three lanes to four lanes with a raised median and curb and gutter providing access management. Two bulb-outs will be added for U-turns and control of access at the end of

	the project limits and a multi-lane roundabout is being designed at the intersection with the future Bluff Road Connector (MA-20-01) and an existing commercial drive. Access Management is being implemented due to the proximity of the roundabout to I-10 at LA 73.
06/20 - 05/22	**H.012588, H.012169, H.012587/ I-10 (Atchafalaya Basin Bridge to LA 415):** *West Baton Rouge and Iberville Parishes* – Ms. Sherman provided *CADD work* 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. These roadways were **pavement preservation/restoration** projects.
12/19 - On-Hold	**MA-17-02/ Roddy Road Widening:** *Ascension Parish* – Ms. Sherman provided *CADD work*. This project consisted of **widening** Roddy Road in Ascension Parish. Ms. Sherman assisted with the process of creating working drawings, using topographic data, and as built drawings to create an accurate layout for plan and profile sheets, typical sections, and geometric layout. As well as creating clearing and grubbing and right of way plans.
06/17 - On Hold	**H.011923 / Hooper Rd Roundabout at Sullivan Rd (LA 408 at LA 3034):** *East Baton Rouge Parish* – Ms. Sherman provided *CADD work*. Shread-Kuyrkendall & Associates designed project plans for the implementation of a **multi-lane roundabout** with right turn slip lanes at the intersection at Hooper Rd (LA 408) at Sullivan Rd (LA 3034) in Central. The roundabout is being designed in conjunction with planned improvements to both Hooper and Sullivan Roads to improve safety and operation of the intersection. Ms. Sherman assisted with the process of creating working draws for plan and profile sheets, typical sections, and geometric layout. Due to environmental concerns, this project has been put on hold.
10/16 - Present	**H.009266 / I-10 (LA 73 to LA 30):** *Ascension Parish* – Ms. Sherman provided *CADD work*. This project includes **widening 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, existing bridge widening at three locations within the project limits. Phased construction of bridges at the LA 73 interchange with I-10 requires diversion crossovers and ramp modifications. Ms. Sherman is assisting with the process of creating working drawings, using topographic data to create an accurate layout for plan and profile sheets, typical sections, striping, and signage plans.

16. Staff Experience

Firm employed by **Vectura Consulting Services, LLC**

Name	**Sheelagh Brin Ferlito, PE, PTOE**	Years of relevant experience with this employer	9
Title	SUPERVISOR-ENG	Years of relevant experience with other employer(s)	27

Degree(s) / Years / Specialization			B.S. / 1988 / Civil Engineer
Active registration number / state / expiration date			PE. 0025383 / LA 09/30/2025
Year registered	1993	Discipline	Civil
Contract role(s) / brief description of responsibilities			**Meets the role for MPR 6** Traffic Engineering Lead and completed the **Highway Safety Manual Workshop and NEPA Certified (NHI Course No. 142005)**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
07/21 - Present	**H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, LA)** Brin is the task leader for Vectura for the **Construction Engineering and Inspection of 24 traffic signals**. Brin oversaw the review of signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Brin and Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.
07/19 - Present	**MOVEBR New Capacity Projects Program Management (Baton Rouge, LA)** Brin is the lead traffic engineer for entire the New Capacity Projects program management team. **All traffic engineering scope of services, traffic / speed data collection, traffic design studies, safety studies, and traffic signal design plans are reviewed by Brin.** She is in constant communication with the Traffic Engineering staff of DOTD and EBR Traffic Engineering Department. She understands the current requirements for all aspects of traffic engineering projects.
07/19 - Present	**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 DOTD.
09/20 - 12/21	**H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish, LA)** Brin is the project manager for the design of temporary traffic signal plans that will be implemented during the roundabout construction along LA 30 in Gonzales, LA. The project involves replacing three existing signalized intersections with multilane roundabouts along LA 30 at I-10 Interchange ramps and at Tanger Boulevard. Vectura also developed **signal timing plans** for each phase of the construction to maintain progression along LA 30.
07/18 - 04/19	**LA 1 Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Design West Baton Rouge Parish, Addis, LA** Brin developed a Pedestrian Crosswalk Study and **Traffic Signal Construction Plans** for the intersection of LA 1 at LA 990 in Addis, LA. The study was based on DOTD Traffic Engineering Manual Crosswalk Guidelines followed by traffic signal design plans based on DOTD requirements. The study included **traffic and pedestrian traffic data collection, a speed study, crash analyses, intersection analyses and progression analyses**. The signal plans included pedestrian signal equipment, signal timing parameter calculations, crosswalk striping, signs, DOTD pay items, estimated quantities, and construction cost. Brin also assisted with the Parish with the DOTD Permit Request for Intersection Control Devices on a State Right of Way.
09/17- 04/18	**US 11 at US 190 Bus. (Fremaux Ave.) Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Equipment Design (Slidell, LA)** Brin developed a formal traffic study for a proposed crosswalk with pedestrian **traffic signal equipment and pedestrian clearance timings** based on DOTD requirements. Brin assisted with **vehicle and pedestrian data collection, spot speed study, analyzed 3-year intersection crash data**

	and developed signal timing for pedestrians to cross the street. From the design study, a set of **Traffic Signal Modification Plans** were developed to implement the recommended alternative.
08/15 - 05/17	**Enhancing Guidance for Evacuation Time Estimate Studies (Nuclear Regulatory Commission Rockville, MD)** Brin conducted an applied research study of U.S. Nuclear Regulatory Commission guidance for developing evacuation time estimate studies and produced a technical basis for revision of NUREG/CR-7002 "Criteria for Development of Evacuation Time Estimate Studies" in support of the 2020 update of ETEs. Specifically, Brin was the lead VISSIM modeler for the "large" population models, which consisted of a 20-mile radius model. The VISSIM model input included traffic volumes distributed over 8 hours, highway and intersection lane geometry using links and connectors, conflict areas, traffic signal and stop control and speed. Brin also developed Dynamic Traffic Assignment code to simulate that fastest route out of the evacuated zone.
04/14 - 12/14	**H.002301 Signal Design for N. Sherwood Forest Dr. Widening Project (Baton Rouge, LA)** As the project engineer, Brin was in responsible charge for **data collection and design for three signalized intersections** as part of a road widening project as per EBR DPW and DOTD requirements. Ms. Ferlito developed the traffic signal equipment, signal timing and communication construction plans, special provision specifications, quantities, and cost estimate. She also performed tasks to develop the striping plans and sequence of construction plans which included temporary signal equipment placement due to lane shifts during construction.
07/12 - 03/14	**EBR 03-TS-CI-0026 CE&I for EBR Traffic Signal Systems Jefferson Highway Construction (Baton Rouge, LA)** Brin was the Project Resident Engineer on behalf of EBR for performing **CE&I services for the construction of 11 traffic signals**. She maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into interstate I-12 fiber backbone and ATM / EOC building. She processed all monthly tasks in EBR formats as well as well as all items on the EBR project closeout checklist.
07/08 - 09/09	**SPN 013-05-0043 CE&I for EBR Traffic Signal Systems Phase IV Construction (Baton Rouge, LA)** Brin was the Project Resident Engineer for DOTD and EBR to perform **CE&I services for the construction of 21 traffic signals**. She developed the project Sample Plan, maintained records of the contractor's daily operations, coordinated significant events that affected construction progress including utility issues, reviewed shop drawings, conducted monthly progress meetings, recorded daily installed quantities, coordinated concrete sampling for DOTD Materials Lab, developed change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into Airline Highway fiber backbone and ATM / EOC building. She processed all monthly tasks electronically in DOTD Site Manager and in EBR required formats as well as all items on the DOTD Project Closeout Checklist including the 2059 Report.
09/13 - 04/14	**S.P. 700-99-0477 Jefferson Hwy. Signal Design (Baton Rouge, LA)** Ms. Ferlito designed traffic signal plans for 11 intersections along Jefferson Highway between College Drive and the I-12 On Ramp in Baton Rouge. Design included **traffic data collection, traffic signal layout, fiber interconnect layout, fiber splicing diagrams, pedestrian crosswalk layout, and sign layout**. Design also included **traffic signal synchronization signal timing** and pedestrian signal timing. She prepared estimated quantities, preliminary and final signal construction plans, and specifications.
03/05 - 11/05	**Airline Hwy Widening SPN 700-99-0332 (Baton Rouge, LA)** Brin designed 8 traffic signals as part of the Airline Hwy. widening project in Baton Rouge. Her design included **traffic data collection, 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.
02/03 - 01/04	**EBR Traffic Signal Systems Phases IV and V SPN 700-17-0172 (Baton Rouge, LA)** Brin was the project engineer for the **design of 66 signalized intersections** on eight arterials in Baton Rouge which included traffic data collection, traffic signal equipment, pedestrian crosswalk equipment, emergency vehicle and railroad preemption equipment, fiber interconnect equipment as well as traffic signal synchronization. Brin prepared traffic signal construction plans, estimated quantities, and specifications.

16. Staff Experience

Firm employed by **Vectura Consulting Services, LLC**

Name	**Laurence Lucius Lambert, II, PE, PTOE, PTP**	Years of relevant experience with this employer	9
Title	SUPERVISOR-ENG	Years of relevant experience with other employer(s)	18

Degree(s) / Years / Specialization			B.S./1997/Civil Engr. M.S./2006/Civil Engr. (Transportation focus) M.B.A./2010
Active registration number / state / expiration date			PE.0029901 / LA / 3/31/2026
Year registered	2001	Discipline	Civil
Contract role(s) / brief description of responsibilities			**Meets the role for MPR 6** MOT / TMP Lead

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
12/23 - 08/24	**H.972501.1 South Range Road Operations Study Stage 0 Feasibility Study (Tangipahoa Parish, LA)** Laurence was the Principal in Charge for a Stage 0 for the Regional Planning Commission (RPC) to evaluate operating conditions of the S. Range Road corridor that included the intersection with Old Covington Highway. The **corridor study** included traffic data collection, pedestrian / bicycle counts, safety analysis, existing conditions analysis and alternative analysis. The results were summarized in a Stage 0 report.
05/23 - 05/24	**US 190B/Fremaux Ave Sidewalk Feasibility Study (Slidell, LA)** As a subconsultant to Richard C. Lambert Consultants, LLC, Laurence was the principal in charge for a sidewalk feasibility study that included data collection, safety analysis, alternative analysis, and final report.
02/21 - 02/22	**St Charles Land Use Update (St Charles, LA)** As a subconsultant, Laurence was the lead transport engineer for the land use update plan for the parish of St Charles. The project consisted of identifying existing conditions, public participation / visioning, existing condition analysis, scenario development, and implementation.
01/22 - 04/22	**Estates of Silver Hill Residential Development (Tangipahoa, LA)** Laurence was the lead transportation engineer for a traffic impact study for a private development in the study area. The project scope included 7-day tube counts, turning movement counts, existing conditions analysis, trip generation / distribution, and build analysis. The traffic study was reviewed and approved by Tangipahoa Parish. **The project limits included Havery Lavigne Road at Firetower Rd, Mike Cooper Rd at Harvey Lavigne Rd, Harvey Lavigne Rd at Salt Grass Dr, and Firetower Rd at Fayette Ln.**
09/20 - 04/21	**MOVEBR LA 67 (Plank Road) Enhancement Project (Baton Rouge, LA)** Laurence was the project manager to enhance transit, bicycle, and pedestrian mobility on Plank Road that required both City-Parish and DOTD approval. Laurence evaluated the proposed pedestrian crossings on LA 67 using the DOTD Traffic Engineering Manual pedestrian warrants found in Section 3B.2. Laurence also developed traffic operations evaluation of the traffic study which included traffic signal timing evaluations.
02/19 - 07/19	**Fairhope Residential Development (Tangipahoa, LA)** Laurence was the lead transportation engineer for a traffic impact study for a private development in the study area. The project scope included 7-day tube counts, turning movement counts, existing conditions analysis, trip generation / distribution, build analysis. The traffic study was reviewed and approved by DOTD. **The project limits included LA 445 at I-12 westbound ramp, I-12 eastbound ramp and LA 22.**
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	**Judge Tanner Boulevard at N. Causeway Roundabout Study (St. Tammany Parish, LA)** Laurence performed a Stage 0 Feasibility Study for **Roundabouts** at 4 intersections in Mandeville area. The scope was developed based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual (TEM) Section 20.2. 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. Once the traffic data was collected, Laurence performed traffic signal warrants analyses, performed a Sidra unsignalized, signalized, and **roundabout** analyses for years 2020 and 2040, AM & PM peak hours. Laurence developed a report that captured all the results.
01/17 - 07/17	**Minnesota Park Road Improvements Traffic Study (Tangipahoa Parish, LA)** Laurence was the task leader for a traffic data collection and intersection analyses of a Stage 0 Feasibility study for Minnesota Park Road in Hammond, LA. Laurence utilized Sidra software to perform a **roundabout** alternative. The DOTD procedures for utilizing Sidra were followed for this project.
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.
10/15 - 02/16	**Landings Reserve Residential Development (Tangipahoa, LA)** Laurence was the lead transportation engineer for a traffic impact study for a private development in the study area. The project scope included 7-day tube counts, turning movement counts, existing conditions analysis, trip generation / distribution, and build analysis. The traffic study was reviewed and approved by DOTD. **The project limits included LA 445 at I-12 westbound ramp, I-12 eastbound ramp and LA 22.**
03/10 - 09/10	**Downtown Baton Rouge Greenway (Baton Rouge, LA)** Laurence was the lead transportation engineer of a feasibility and cost study for integration of a new transportation infrastructure greenway into the existing layout of urban streets in and around Downtown Baton Rouge that included North Boulevard. The purpose of the greenway was to enhance bicycle and pedestrian users in the downtown area. Amenities proposed included way finding signage, path delineation by use of benches, bicycle racks, etc., lighting and landscape elements.
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).
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.
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.

16. Staff Experience

Firm employed by **Vectura Consulting Services, LLC**

Name	**Reece Rodrigue, PE, PTOE, RSP1**	Years of relevant experience with this employer	4
Title	ENGINEER	Years of relevant experience with other employer(s)	7

Degree(s) / Years / Specialization			B.S./2013/Civil Engr.
Active registration number / state / expiration date			PE.0042074 / LA / 3/31/2026
Year registered	2017	Discipline	Civil
Contract role(s) / brief description of responsibilities			Project Engineer

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
04/21 - Present	**MOVEBR Direct Select for Traffic Signal Design (Baton Rouge, LA)** Reece is a project engineer for the design of traffic signal upgrades at 10 intersections. This projected included a traffic design report, preliminary and final plans for traffic signals that included traffic signal layout, fiber interconnect layout, fiber splicing diagrams, pedestrian crosswalk layout, and sign layout. The design also included traffic signal synchronization signal timing and pedestrian signal timing.
06/23 - Present	**H.012845.1 Connected & Autonomous Vehicles (C/AV) Team and Working Group Support** Reece is a member of the team to develop new policies and legislation related to C/AV.
06/23 - Present	**H.011507.1 Monroe Phase 3 SEA** Reece visited the project site to document the controller type and detection needs at each signalized intersection within the right-of-way.
07/21 - Present	**H.007160 - EBR Computerized Traffic Signal, Phase VB (Baton Rouge, Louisiana)** Reece is part of the team responsible for **Construction Engineering and Inspection**. Reece has reviewed the signal mast arm shop drawings to assist the City-Parish of Baton Rouge in accepting the manufactured poles. Reece, with the DOTD, City-Parish and the Contractor conducted field visits to confirm pole foundation locations.
01/23 - 02/24	**H.011504 Alexandria ITS Phase 2** Reece was the project engineer for a site visit, System Engineering Analysis Report, Engineering Opinion of Probably Construction Cost and Level 2 Transportation Management Plan.
06/22 - 02/23	**H.012381.5 ITS Fiber Management System Data Collection** Reece performed the field observations for 40 sites to verify the ITS FMS and inventory services.
04/20 - Present	**H.004791 DOTD Belle Chasse Bridge & Tunnel Replacement Public-Private Partnership Project (Belle Chasse, LA)** Reece is responsible for designing the temporary traffic signal for the intersection of LA 23 at Engineers Rd. for eight phases of construction per the anticipated sequence of construction. Temporary pole location and heights were recommended for placement for use for all construction phases. Vehicle clearance interval calculations were conducted for each phase in accordance with DOTD and ITE guidance. Reece is responsible for producing the traffic impact analysis portion of the **Traffic Management Plan** that was also used in planning for the permanent and temporary signal timing plans. Reece was also responsible for producing 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. In addition, Reece was responsible for reviewing and approving shop drawings that were submitted by the contractor for use in construction.
01/21 - 05/21	**H.013256 - I-10 ITS Scott to Lake Charles (Lafayette, Acadia, and Jefferson Davis Parishes)** Reece was a member of the subconsultant team who was tasked with reviewing the ITS plans for 15 sites along I-10 where CCTV cameras were being installed. Reece was responsible for **measuring anticipated construction quantities and producing a cost estimate** for said quantities by using DOTD's Bid Tabulation and Cost Estimating Tool.

09/20 - 12/21	**H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish)** Reece is an essential design engineer, who is assisting in the production of the temporary signal design associated with the **sequence of construction** for the roundabout at US 171 at Boone St. He conducted a thorough analysis of the US 171 corridor's existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.
09/20 - 12/21	**H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish)** Reece is a design engineer, who is assisting in the production of the temporary signal design associated with the **sequence of construction** for the roundabouts on LA 30 in Gonzales, LA. This project consists of eight proposed construction phases. He assisted in calculating the temporary pole heights, determining the placement location for the temporary poles for each phase, measuring and calculating clearance intervals. Reece conducted a thorough analysis of the LA 30 corridor's existing allowable movements and identified the movements that would be restricted during the proposed construction process and how it would impact the typical traffic patterns.
11/21 - 12/21	**Emergency Street Light and Traffic Sign Assessment (New Orleans, LA)** In response to the damage caused by Hurricane Ida, Reece **inspected streetlights** and street signs to report damage using the City's ArcGIS Online Organization and ArcGIS Field Maps app. The assessment area was approximately 2.5 miles by 2 miles area in the City of New Orleans.
02/20 - 09/21	**College Drive Corridor Enhancement from Perkins Road to I-10 (Baton Rouge, LA)** Reece was the task leader for organizing and formatting the **data collection** of the College Drive project limits. Tasks included in data collection were 7-day tube counts, intersection turning movement counts, approach tube counts, unmet demand observations, driveway counts, travel time runs, pedestrian / bicycle counts, and weaving counts.
07/19 - 12/19	**Burgess Avenue at Duff Road Traffic Signal Design (Walker, LA)** Reece was responsible for the design of a fully actuated signalized intersection in the city of Walker, LA. The traffic signal was determined to meet signal warrants upon completion of the Foxglove subdivision in Livingston Parish, LA. Plans included road widening, signal face indication schedule, signal sequence chart, sign schedule, detector schedule, controller timing, wiring diagram, and free operation phasing diagram. Reece met with city officials to discuss the feasibility of constructing a traffic signal as opposed to other alternative measures for improving the intersection.
02/16 - 12/16	**H.005733.5 US 190 Superstreet Task Order (St. Tammany Parish)** Reece was a team member responsible for the layouts for the US 190 Superstreet signal designs. He created the **preliminary plans using CAD** software program MicroStation V8i. He aided in the technical design of each intersection. He conducted field inspections to verify locations of existing equipment as well as observing the area for feasible proposed utility locations. He attended project team meetings to discuss the project details as well as the plan-in-hand walk-through.
01/16 - 11/17	**Ochsner Main Campus Traffic Signals (Jefferson Parish)** Reece served as a design engineer for the **traffic signal plans** for the two Ochsner Main Campus access traffic signals with US 90 (Jefferson Hwy). The goal of the design was to implement updated pedestrian timings as well as optimize progression through the US 90 corridor. He reviewed traffic data and assigned time of day coordination timing parameters for the two intersections so that they may be included in the coordinated system west of the intersections. He used TruTraffic determine the appropriate offset parameters so that vehicles may progress efficiently through the coordinated system. Plans for the two intersections were drafted in the form of DOTD's latest version of the TSI format. He was responsible for estimating construction quantities using DOTD's 2016 Spec Item list.
10/16 - 05/17	**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.
02/15 - 12/15	**H.011646 Retainer Contract for DOTD District 02 Traffic Signal Inventories - Nola 3** Reece served as the lead engineer in the production of the traffic study for the District 02 Traffic Signal Inventories. The objective was to effectively correct the progression of traffic through the US 90 (Broad St) corridor. He reviewed vehicle crash data at all intersections in the study scope. He conducted travel time runs. He created a model with existing traffic signal timing information using Synchro 8 Software. He recommended traffic signal pedestrian clearance times and yellow and red clearance times for each intersection. He used MicroStation V8i when designing traffic signal plans in DOTD's TSI format.

16. Staff Experience

Firm employed by **Vectura Consulting Services, LLC**

Name	**Kristen Gahagan Farrington, PE, PTOE, RSP1**	Years of relevant experience with this employer	3
Title	ENGINEER	Years of relevant experience with other employer(s)	7

Degree(s) / Years / Specialization			B.S. / 2014 / Civil Engr.
Active registration number / state / expiration date			PE.0042785 / LA / 3/31/2027
Year registered	2018	Discipline	Civil
Contract role(s) / brief description of responsibilities			**Meets the role for MPR 8** Project Engineer and she will be responsible for the development of the Planning and Environmental Document. **NEPA Certified (NHI Course No. 142005)**

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
12/23 - Present	**H.972501.1 South Range Road Stage 0 (Tangipahoa Parish, LA)** Kristen was the project manager for a **Stage 0** project to improve operations on South Range Road. The project included data collection, existing conditions analysis, safety analysis, and alternatives development.
05/23 - 05/24	**US 190B/Fremaux Ave Sidewalk Stage 0 Feasibility Study (Slidell, LA)** As a subconsultant to Richard C. Lambert Consultants, LLC, Kristen was the project engineer for a sidewalk **Stage 0** study that included data collection, safety analysis, alternative analysis, and final report.
04/22 - 11/23	**H.013267 Capital Area Pathways Project (Baton Rouge, LA)** Kristen is the lead designer for four pedestrian hybrid beacons (PHB's) with two crossings located on state routes. The locations were approved in a previous study and are now under design for construction. Kristen is working closely with the City and DOTD on the construction plan development as PHB's are a new traffic control device for DOTD. Prior to the design of the PHB's, Kristen prepared a traffic study evaluating all six uncontrolled crosswalks along the path, which included data collection and determining the appropriate treatment for each crossing location based on FHWA, DOTD and MUTCD guidance.
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 DOTD CAT Scan tool and IHSDM, and line and grade was prepared to DOTD Design Standards for various corridors, including arterial collectors and freeway ramps.
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 highway. 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

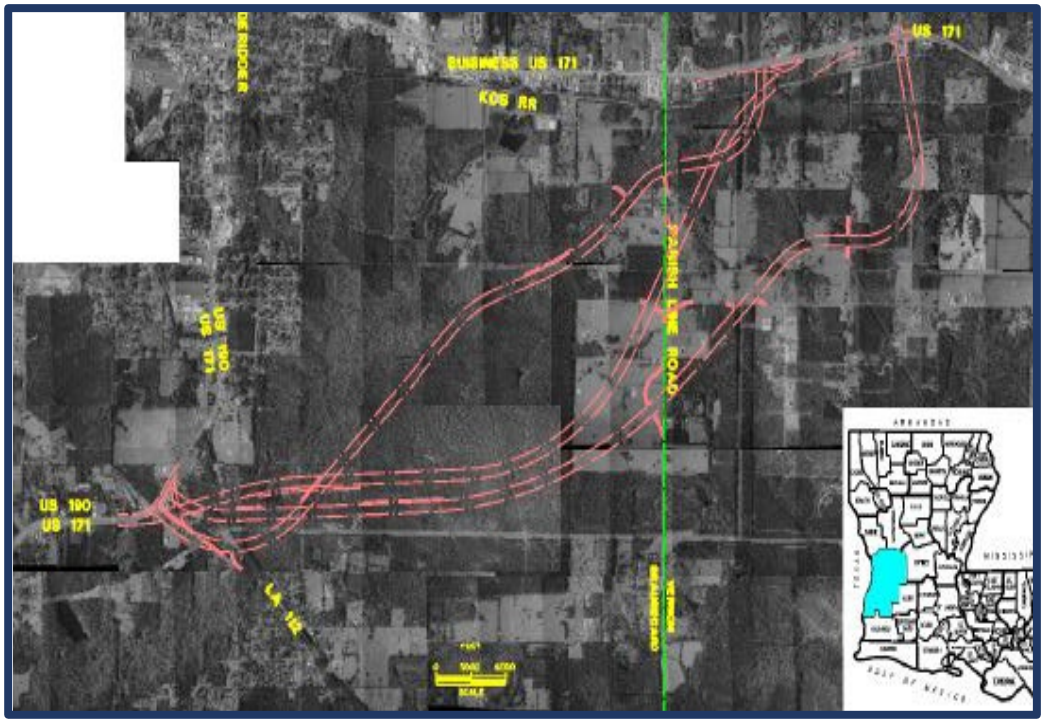
	existing safety analysis, and No-Build Analysis. Kristen designed high-level concept exhibits, evaluated environmental impacts, and prepared high level cost estimates and comparison matrices to determine which preliminary alternatives best meet the purpose and need of the project.
03/19 - 11/19	**H.012311 LA 429 Connector Stage 0 (Ascension Parish, LA)** 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 the 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.
11/18 - 3/21	**H.013322 LA 3040 Feasibility / Safety Study Stage 0 (Houma, LA)** Kristen served as project engineer for the **Stage 0** Study to identify safety and operational issues along 2.5 miles of Martin Luther King Boulevard (LA 3040) in Houma, LA to evaluate reasonable alternatives to address any deficiencies discovered. Kristen was responsible for compiling a data collection plan for submittal to DOTD, including count locations, determined peak periods, and peak hours. Kristen performed peak period observations in the field and geometric field checks, as well as unmet demand observations and calculations. Kristen prepared TMC figures, as well as performed existing analysis in Vistro. Compiled all data collected into Appendices A and B per the DOTD Traffic Process and Report and wrote Chapter 1 of report. Kristen represented the project at stakeholder meetings to discuss project status.
04/18 - 04/19	**H.011243.1 I-49 at US 190 and LA 31 Interchange Improvements Stage 0 (St. Landry Parish, LA)** 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.
11/17 - 08/18	**H.005257 Houma-Thibodaux to LA 3127 Connector Environmental Impact Statement (LADOTD)** Kristen was responsible for the preparation of an **Environmental Impact Statement (EIS)** for a new 35-mile controlled access highway providing north/south system linkage between the Houma-Thibodaux areas and I-10. Project Engineer responsible for report writing to **NEPA** standards, planning and designing to LADOTD Design Standards, coordinating with sub-consultants and client, providing public outreach with newsletters, and recording and responding to comments from the client and the general public.
09/17 - 09/18	**H.011160 LA 73 Corridor Study Stage 0 LA 74 to LA 621 (Ascension Parish, LA)** 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.
05/17 - 08/18	**H.009973 US 80 Widening: Vancil Road to Well Road Environmental Assessment, (LADOTD)** Kristen was the project engineer responsible for report writing, assisting with the site visits, data organization, analysis of permanent alternatives and traffic control alternatives, and traffic report to aid in the delivery of an environmental assessment for the Vancil Road to Well Road **Environmental Assessment**.
11/16 - 07/17	**H.001271 Cane River Bridge Church Street Route LA 1-X Environmental Assessment** Kristen was the project engineer responsible for report writing, assisting with the site visits, data organization, analysis of permanent alternatives and traffic control alternatives, and traffic report to aid in the delivery of an environmental assessment for the Cane River Bridge Replacement.

17. Firm Experience

Firm name	**Shread-Kuyrkendall & Associates, Inc.**		Past Performance Evaluation Discipline(s)*	Planning	
Project name	**Stage 0 Study / US 171 Realignment (DeRidder Bypass)**		Firm responsibility (prime or sub?)	Prime	
Project number	701-65-1057	Owner's name	LADOTD		
Project location	Beauregard & Vernon Parish		Owner's Project Manager	Connie Porter Betts	
Owner's address, phone, email	P.O. Box 94245 /Baton Rouge, LA. 70804 / (225)379-1100 / Connie.Porter@la.gov				
Services commenced by this firm (mm/yy)	09/08	Total consultant contract cost ($1,000's)		$ 199	
Services completed by this firm (mm/yy)	12/09	Cost of consultant services provided by this firm ($1,000's)		$ 199	

100% of work was performed in Louisiana

Shread-Kuyrkendall & Associates (SKA) provided engineering and environmental assessment for a **Stage 0 Feasibility Study** for US 171 Realignment (DeRidder Bypass). The purpose of the project was to investigate the potential realignment of US 171 around the city of DeRidder to reduce traffic congestion and volumes alone existing local streets within the city of DeRidder, as well as along the existing US 171 route. The conceptual route of the US 171 realignment would reroute US 171 near LA 112 in Beauregard Parish and connect it to the existing US 171 route near or in Vernon Parish, approximately 2.5 to 4 miles north of the intersection of US 171 and US 190. The Study included developing a purpose and need, which was obtained through coordinating and conducting meetings with representatives from local and state agencies to gather information on the project location. SKA performed site investigations, researched existing project data, and traffic studies were performed by a sub-consultant. Researched environmental inventory and assessment on constraints which would cause impacts to the project area. SKA developed three conceptual alternative routes to present to the public, local, and state representatives. SKA prepared and submitted a Final Feasibility Report for LA DOTD.

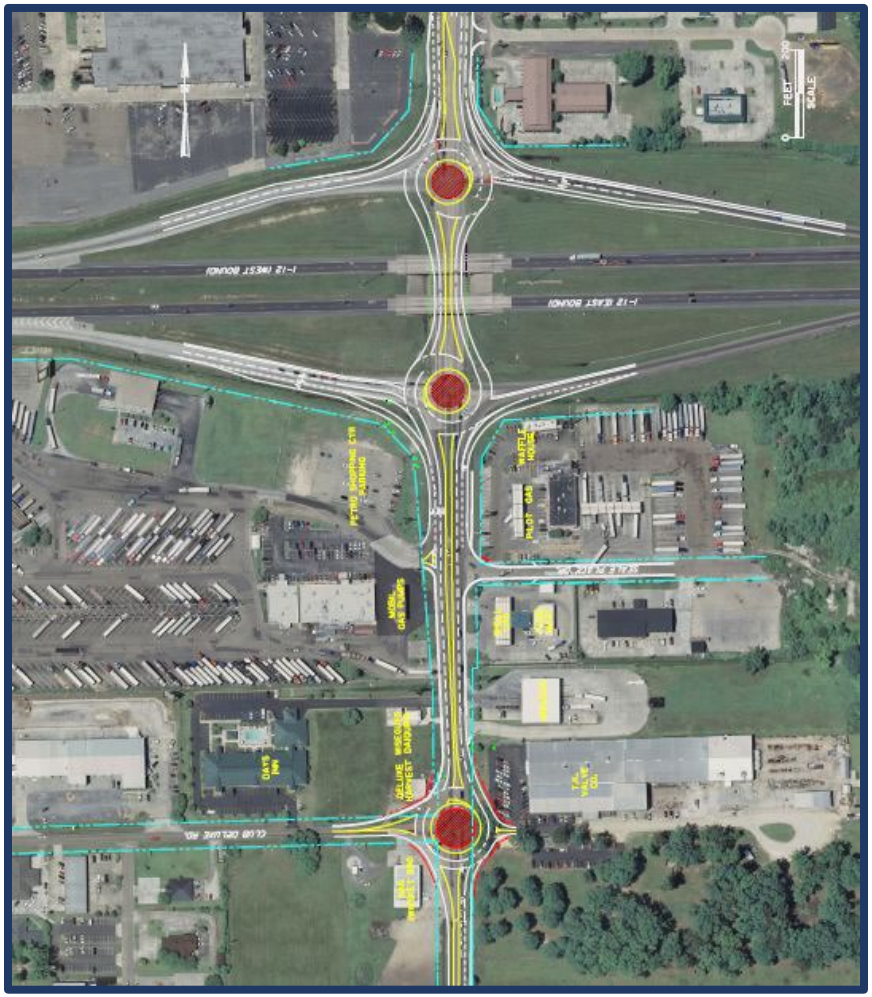


Firm Members Involved:
Ripley W. "Gary" McClure, P.E.
Niccola D. Gill, P.E.
James Partin

17. Firm Experience					
Firm name	**Shread-Kuyrkendall & Associates, Inc.**		Past Performance Evaluation Discipline(s)*		Planning
Project name	**Stage 0 Study / US 51B**		Firm responsibility (prime or sub?)		Prime
Project number	701-65-1046	Owner's name	LADOTD		
Project location	Tangipahoa Parish		Owner's Project Manager	Shakira Story	
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804 / (225)379-1100 / Shakira.Story@la.gov				
Services commenced by this firm (mm/yy)	09/08	Total consultant contract cost ($1,000's)		$ 141	
Services completed by this firm (mm/yy)	11/09	Cost of consultant services provided by this firm ($1,000's)		$ 141	

100% of work was performed in Louisiana

Shread-Kuyrkendall & Associates (SKA) provided engineering and environmental assessment for a **Stage 0 Feasibility Study** for US 51B located in Tangipahoa Parish. The purpose of this project was to investigate potential solutions to the traffic congestion in the US 51 corridor in Hammond, Louisiana generally from Ponchatoula Creek to just north of the I-12 interchange. Turning movements into and out of the US 51 corridor were investigated to determine various alternatives to improve the traffic congestion. The Study included developing a purpose and need, which was obtained through coordinating and conducting meetings with representatives from local and state agencies to gather information on the project location. SKA performed site investigations, researched existing project data, and traffic studies were performed by a sub-consultant. Researched environmental inventory and assessment on constraints which would cause impacts to the project area. SKA developed three conceptual alternative routes to present to the public, local and state representative. SKA prepared and submitted a Final Feasibility Report for LADOTD.



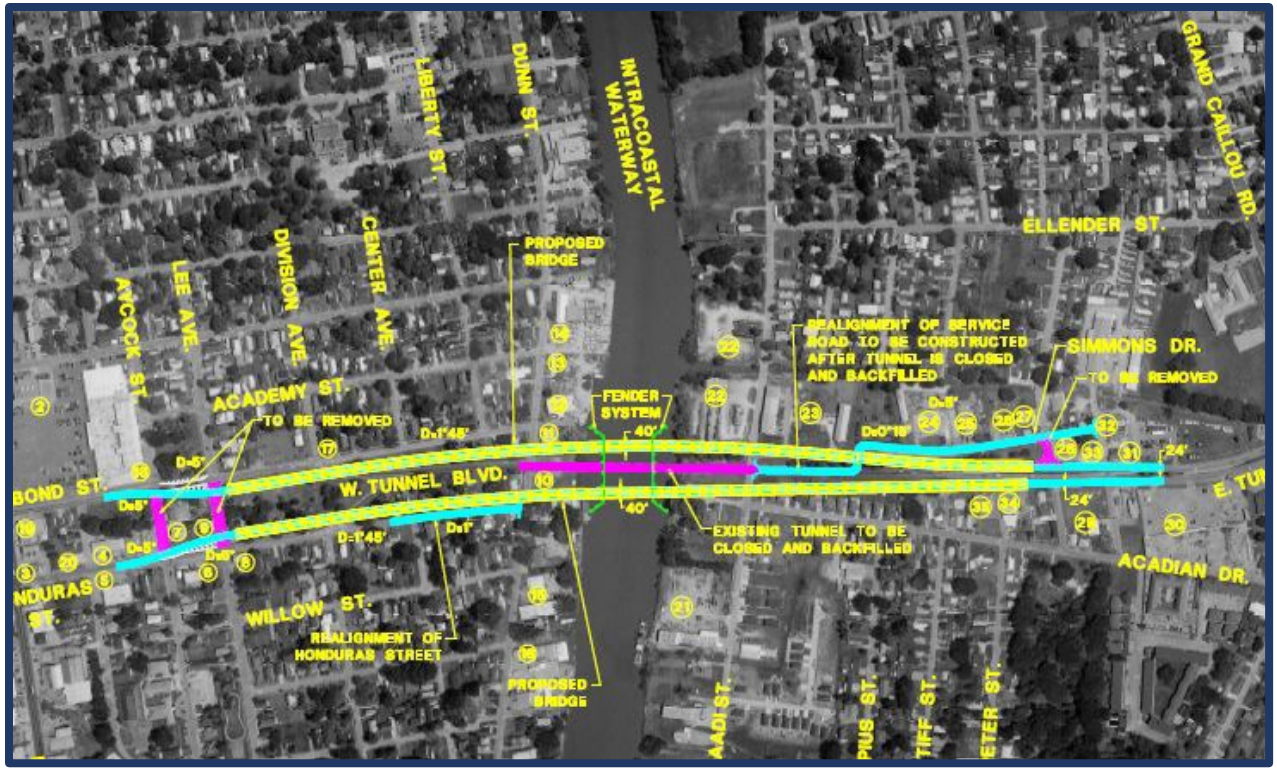
Firm Members Involved:
Ripley W. "Gary" McClure, P.E.
John P. Raymond, P.E.
James Partin

17. Firm Experience

Firm name	**Shread-Kuyrkendall & Associates, Inc.**			Past Performance Evaluation Discipline(s)*	Planning
Project name	**Stage 0 Study / Replacement of the Houma Tunnel**			Firm responsibility (prime or sub?)	Prime
Project number	700-55-0118	Owner's name	LADOTD		
Project location	Terrebonne Parish			Owner's Project Manager	Mike Aghayan
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804 / (225)379-1100 / Mike.Aghayan@la.gov				
Services commenced by this firm (mm/yy)	12/08	Total consultant contract cost ($1,000's)			$ 187
Services completed by this firm (mm/yy)	11/09	Cost of consultant services provided by this firm ($1,000's)			$ 187

100% of work was performed in Louisiana

The existing Houma Tunnel crosses the Intracoastal Waterway at Tunnel Boulevard adjacent to Bond and Honduras Streets in Houma, LA. The Intracoastal Waterway is part of the Gulf Intracoastal Waterway System (GIWW) which traverses South Louisiana and the Gulf Coast. Shread-Kuyrkendall & Associates (SKA) is the prime consultant under contract with the Louisiana Department of Transportation (LADOTD) to provide a **Stage 0 Feasibility Study** on the improvements or the replacement of the Houma Tunnel. SKA provided Line and Grade Studies, a preliminary environmental review, and associated cost estimates for three (3) possible alternatives of improvement. Several public meetings were held to inform the public and to receive comments for improvements. SKA held a final public meeting to present the alternatives to the public/shareholder.SKA met with various agencies during this process to acquire input such as general history, previous construction, traffic problems, and other general or specific information that was used to develop the alternatives. Traffic analysis was provided by a sub-consultant. SKA prepared and submitted a Stage 0 Feasibility Study Report that included the design considerations for the replacement and/or improvements to the Houma Tunnel for future LADOTD project considerations.

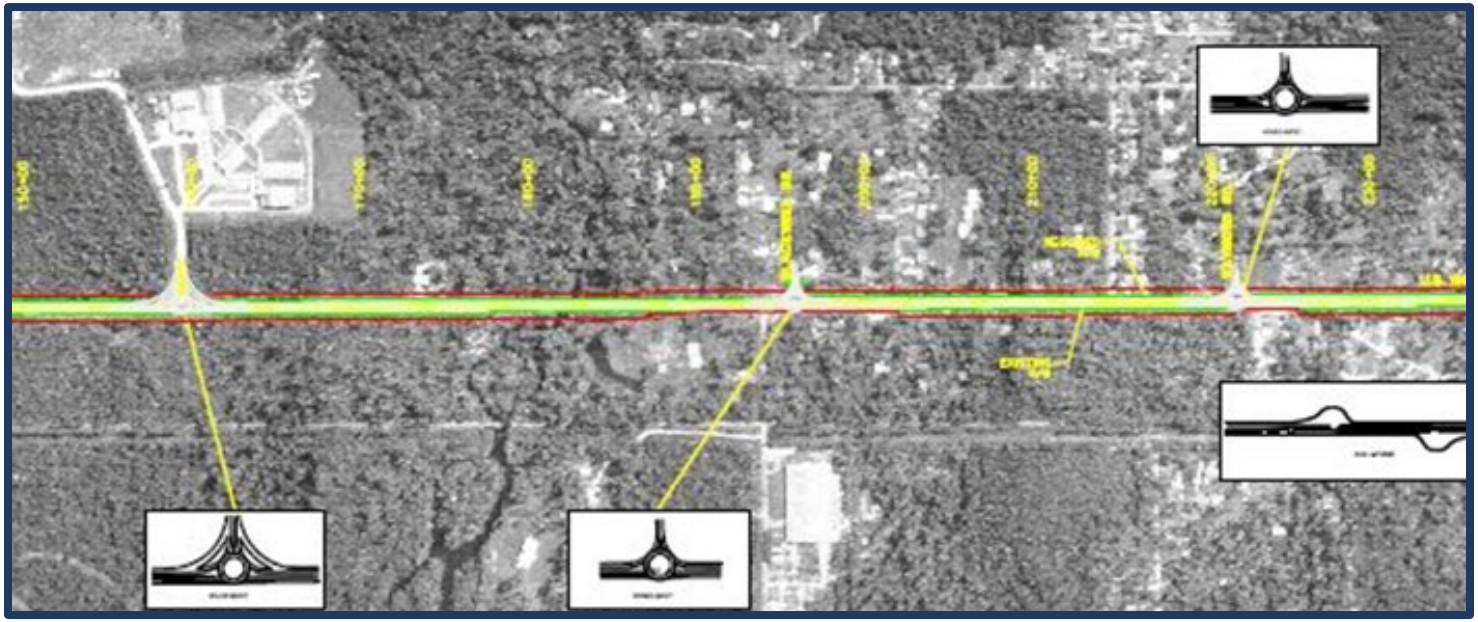


Firm Members Involved:
Ripley W. "Gary" McClure, P.E.
Niccola D. Gill, P.E.
James Partin

17. Firm Experience

Firm name	**Shread-Kuyrkendall & Associates, Inc.**		Past Performance Evaluation Discipline(s)*	Planning	
Project name	**Stage 0 Study / US 190: LA 1089 (Mandeville) to US 11 (Slidell):**		Firm responsibility (prime or sub?)	Prime	
Project number	700-52-0191	Owner's name	LADOTD		
Project location	St. Tammany Parish		Owner's Project Manager	Mike Aghayan	
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804 / (225)379-1100 / mike.aghayan@la.gov				
Services commenced by this firm (mm/yy)	09/09	Total consultant contract cost ($1,000's)		$ 288	
Services completed by this firm (mm/yy)	11/10	Cost of consultant services provided by this firm ($1,000's)		$ 288	

100% of work was performed in Louisiana



The study area of US 190 consists of the intersection of LA 1089 (east of Mandeville, LA) and US 190 which serves as the entrance to Fountainbleau State Park. From there it proceeds easterly for approximately 16.2 miles to the intersection of US 11 and US 190 in the City of Slidell. The purpose of this study is to assess and identify alternative project concepts that will address existing and future roadway traffic, safety conditions, and access management strategies along US 190 at a point near LA 1089 east of Mandeville to US 11 in the City of Slidell. SKA provided Line and Grade Studies, a preliminary environmental review, and associated cost estimates for three (3) possible alternatives of improvement. Several public meetings were held to inform the public and to receive comments for improvements. SKA held a final public meeting to present the alternatives to the public/shareholder. SKA met with various agencies during this process to acquire input such as general history, previous construction, traffic problems, and other general or specific information that was used to develop the alternatives. Traffic analysis was provided by a sub-consultant. SKA prepared and submitted a **Stage 0 Feasibility Study** Report that included the design considerations for the Widening of US 190 for future LADOTD project considerations.

Firm Members Involved:
Ripley W. "Gary" McClure, P.E.
Niccola D. Gill, P.E.
James Partin

17. Firm Experience

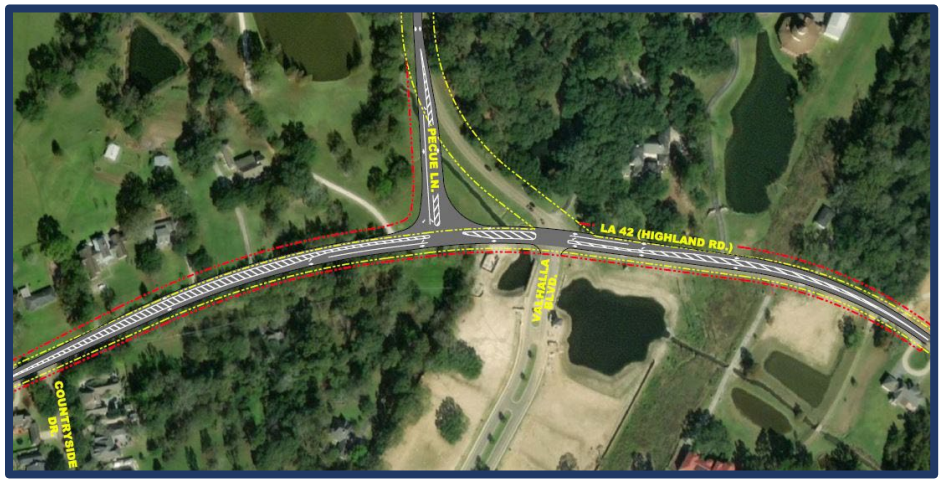
Firm name	**Shread-Kuyrkendall & Associates, Inc.**		Past Performance Evaluation Discipline(s)*	Planning	
Project name	**Stage 0 Study / LA 42: Highland Road at Pecue Lane (Intersection)**		Firm responsibility (prime or sub?)	Prime	
Project number	H.012306.1	Owner's name	LADOTD		
Project location	East Baton Rouge Parish		Owner's Project Manager	Connie Porter Betts, P.E.	
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804 / (225)379-1297 / Connie.Porter@la.gov				
Services commenced by this firm (mm/yy)	05/17	Total consultant contract cost ($1,000's)		$ 119	
Services completed by this firm (mm/yy)	05/19	Cost of consultant services provided by this firm ($1,000's)		$ 105	

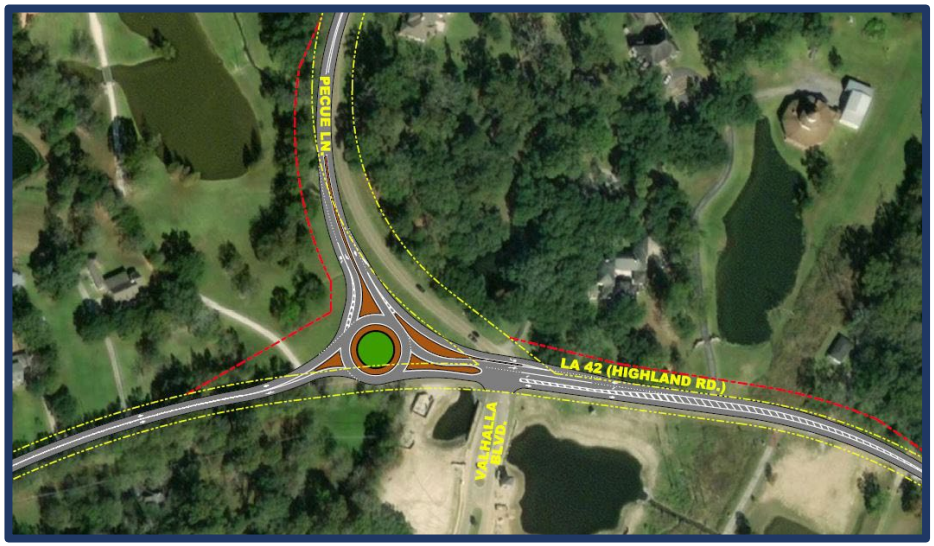
100% of work was performed in Louisiana

The preliminary purpose of this **Stage 0 Feasibility Study** was to assess and identify alternatives that will address safety and operation concerns at the intersection of LA 42 (Highland Road) and Pecue Lane. The limits of this study were limited to the vicinity of the intersection of LA 42 (Highland Road) and Pecue Lane. Highland Road consists of two travel lanes, one east bound and one westbound, with no turn lanes. Pecue Lane consists of two travel lanes, one northbound and one southbound, with no turn lanes. The intersection of Highland Road at Pecue Lane is an unsignalized T intersection with stop control on Pecue Lane just under a mile and a half south of I-10 and Pecue Lane. The alignment of Pecue Lane with Highland Road has an approximate angle of approach of 40 degrees. Highland Road enters the T intersection eastbound on a horizontal curve.

A **traffic study** was completed to evaluate the operation and safety at the intersection of Highland Road and Pecue Lane. The study indicated that the Highland Road eastbound approach is a noted area of congestion. Left turn movements through the intersection area experience delays due to the horizontal curvature approaching Pecue Lane. Future development was driving the population growth in the project area. In addition, a proposed interchange of Interstate 10 at Pecue Lane will greatly increase the traffic at this intersection in the future. The safety analyses for the intersection indicate that the majority of the crashes were caused by motorists not being able to see opposing traffic with the existing alignment. Based on these findings, the intersection improvement is focusing on fixing the existing alignment. The analyses indicate that three alternatives will improve safety and traffic operation in the study area.

The Stage 0 Study assessed and identified three alternative concepts that improved safety and traffic operation for the existing and future conditions. All three alternatives include realigning the existing Pecue Lane from an approximate forty-degree skewed angle to an approximate less than five-degree angle, which will greatly improve safety and operation. The existing skewed intersection has safety and operation concerns. It was difficult for drivers to see the opposing traffic and to make turns with the existing alignments. Therefore, the alignment of the intersection needed to be addressed. In Alternate 1, the intersection has been modified to an unsignalized three-leg or T intersection. In Alternative 2, the intersection has been modified to a signalized three-leg or T intersection. In Alternate 3, the intersection has been reconfigured to an urban single-lane roundabout.





Firm Members Involved:
Ripley W. "Gary" McClure, P.E.
John P. Raymond, P.E.
Niccola D. Gill, P.E.
James Partin

17. Firm Experience

Firm name	**Vectura Consulting Services, LLC**		Past Performance Evaluation Discipline(s)*	Traffic	
Project name	**Stage 0 Feasibility Study – US 190/Fremaux Avenue Sidewalk Study**		Firm responsibility (prime or sub?)	sub	
Project number	H.972462.1	Owner's name	New Orleans Regional Planning Commission		
Project location	Slidell, LA		Owner's Project Manager	Nelson Hollings	
Owner's address, phone, email	10 Veterans Boulevard, New Orleans, LA 70124; 504-483-8523; nhollings@norpc.org				
Services commenced by this firm	12/23	Total consultant contract cost ($1,000's)		$65	
Services completed by this firm	07/24	Cost of consultant services provided by this firm ($1,000's)		$30	

100% of work was performed in Louisiana

Vectura prepared a formal traffic study to determine the feasibility of constructing a sidewalk along US 190 in Slidell, LA. The traffic study examined concepts that improved the safety and efficiency for bicyclists and pedestrians consistent with the latest DOTD policies related to access management and complete streets.

Task 1 Data Collection

Vectura collected the following traffic data for 10 intersections:

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

Task 2 Traffic Study

This task included the following elements:

- Performed Synchro analyses for existing conditions
- Performed Synchro analyses for implementation and design years
- Developed draft traffic study report

Task 3 Safety Analyses

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

Firm Members Involved:
Brin Ferlito
Laurence Lambert
Kristen Gahagan Farrington
Gustavo Clavijo
Cade Nelson

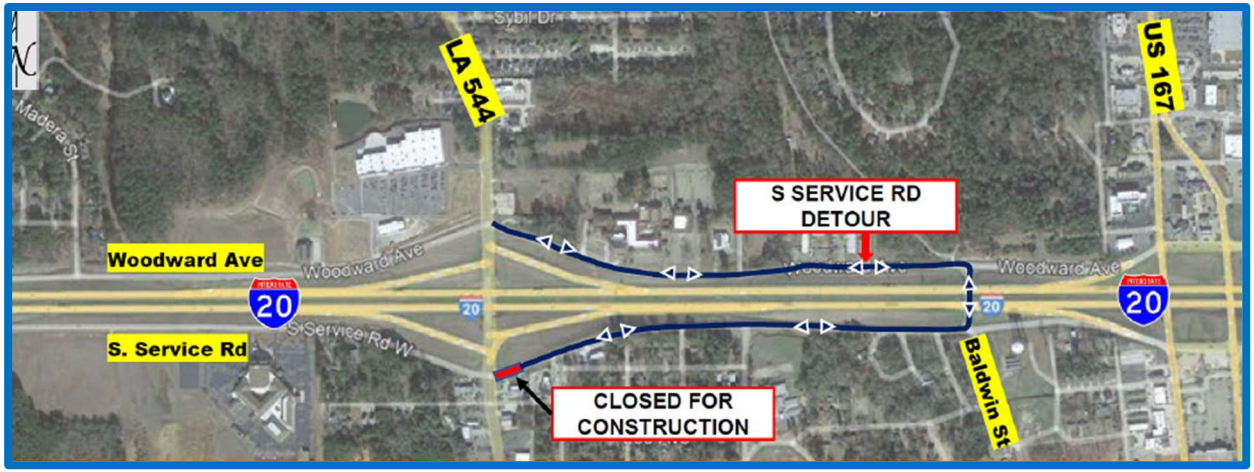
17. Firm Experience

Firm name	**Vectura Consulting Services, LLC**		Past Performance Evaluation Category(ies)*	Traffic	
Project name	**I-20: LA 544 Overpass Replacement**		Firm responsibility (prime or sub?)	sub	
Project number	H.010616	Owner's name	DOTD		
Project location	Baton Rouge, LA		Owner's Project Manager	Jacob Fusilier	
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1185, Jacob.Fusilier@la.gov				
Services commenced by this firm	04/23	Total consultant contract cost ($1,000's)	Unknown		
Services completed by this firm	10/23	Cost of consultant services provided by this firm ($1,000's)	$131.973		

100% of work was performed in Louisiana

Vectura performed a Level 2 **Traffic Management Plan** (TMP) that included the following activities:

- Preliminary and final traffic studies
- Temporary and final traffic signal plans
- Traffic Management Plan (TMP)
  - 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.



Firm Members Involved:
Brin Ferlito
Laurence Lambert
Kristen Gahagan Farrington
Reece Rodrigue

17. Firm Experience

Firm name	**Vectura Consulting Services, LLC**		Past Performance Evaluation Category(ies)*	Traffic	
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		

100% of work was performed in Louisiana

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.

Applicable for this project {Required (✓)}	Level 2 TMP Components	Stage 0	Stage 1	Stage 3 Preliminary 60% Submittal	Stage 3 Final 90% Submittal	Workflow Notes
	Analysis	**Percent Complete**				
	• Detour Analysis	100%				①
	• Queue Analysis according to EDSM VI.1.1.4	100%				①
	Documentation	**Percent Complete**				
✓	• TTC Details			50%	100%	⑦
	• TTC Plan (based on type and location of construction)			50%	100%	⑦
	• Mitigation (if the current roadway is LOS F)	60%	100%			④
	• Mitigation (if the roadway is on the Abnormal Crash Location list)	60%	100%			④
	• Evacuation Strategy (if used as an evacuation route)	100%				④
	• Work Restrictions	20%	50%	70%	100%	④
✓	• Basic Public Information release at the District level			60%	100%	⑧

Firm Members Involved:
Brin Ferlito
Laurence Lambert
Kristen Gahagan Farrington
Reece Rodrigue

18. Approach and Methodology

EXPERIENCE

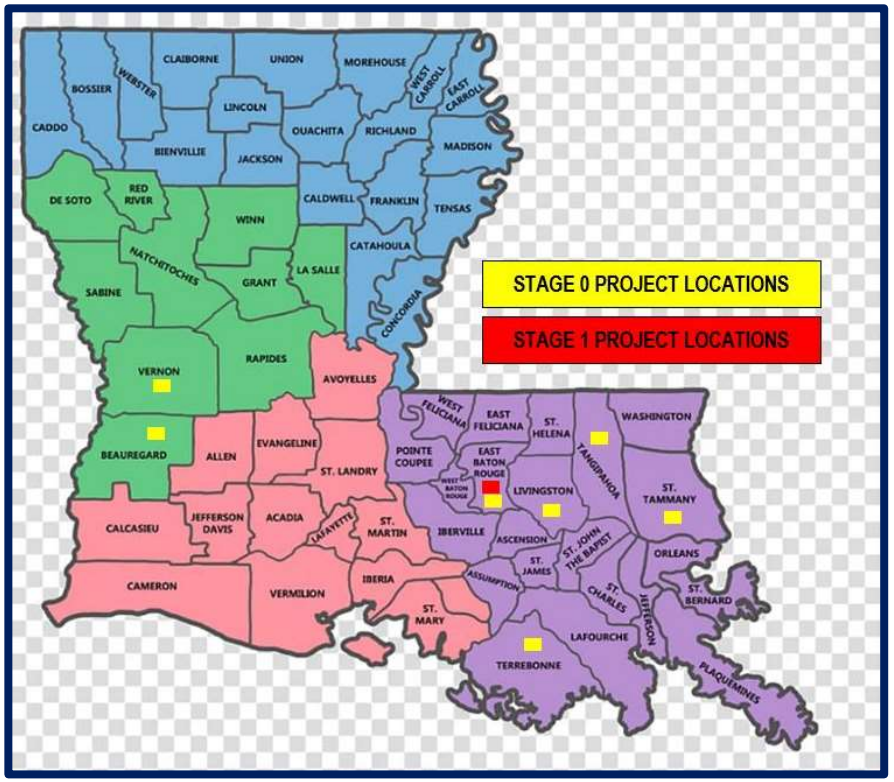
Shread-Kuyrkendall & Associates, Inc. (SKA) has over 40 years of successful LADOTD experience and has worked closely with LADOTD on multiple types of projects for roadway, bridge, safety, **Stage 0 Feasibility Studies** and pavement preservation for both Interstate and Non-Interstate Roadways. SKA utilizes the LADOTD Roadway Design Procedures and Guidelines, LADOTD Minimum Design Guidelines, Stage 0 Manual of Standard Practice, and Pavement Preservation Manual for design references. Other documents that may be used are AASHTO's Policy on Geometric Design of Highways, AASHTO's Roadside Design Guide, the Highway Safety Manual, Bridge Design and Evaluation Manual (BDEM), Open Roads and Open Bridge modeling software.

SKA has selected a successful team to implement the required services as part of this contract. SKA along with our traffic subconsultant **Vectura Consulting Services, LLC (Vectura)** have comprehensive knowledge of the transportation system in addition to, in-depth knowledge of LADOTD's planning, environmental, and feasibility studies. Having multiple projects with various funding agencies, SKA has experience and understanding of the requirements for environmental inventories, solicitation of views, environmental review records, and NEPA environmental decisions. In addition, SKA has completed multiple presentations to shareholders, the general public, and other agencies following LADOTD Guideline and Procedures. The key will be communication and coordination between the bridge, road, and traffic engineers on the design team with each other and with the LADOTD engineers during the Stage 0 process. Our team is a perfect fit for this project having the necessary LADOTD experience in **Stage 0 Feasibility Studies**, Traffic Engineering, Road Design, and Bridge Design.

UNDERSTANDING

Having consulted with LADOTD on multiple **Stage 0 Feasibility Studies**, SKA is well versed in the Stage 0 Process. Our team understands the scope of services required for the IDIQ Contract. The advantage of IDIQ Contracts is that it provides LADOTD an opportunity to quickly direct our team as SKA is well prepared and has the staff available to engage in this type of work. SKA has experience in multiple Stage 0 IDIQ Contracts with LADOTD varying from roadway, bridges, tunnels, and roundabouts as shown below:

Stage 0 / LA 42: Highland Road at Pecue Lane (Intersection): *East Baton Rouge Parish*
Stage 0 / LA 8: Sabine River to US 171: *Vernon Parish*
Stage 0 / LA 447 and I-12 Interchange: *Livingston Parish*
Stage 0 / US 190: LA 1089 (Mandeville) to US 11 (Slidell): *St. Tammany Parish*
Stage 0 / Replacement of the Houma Tunnel: *Terrebonne Parish*
Stage 0 / US 171 Realignment (DeRidder Bypass): *Beauregard and Vernon Parishes*
Stage 0 / US 51B: *Tangipahoa Parish*
Stage 1 / Nicholson Drive (LA 30) Brightside Lane to Gourrier Ave: *East Baton Rouge*
Stage 1 / Pecue Lane / I-10 Interchange: *East Baton Rouge Parish*



APPROACH

For each Task Order, our goal is to provide and deliver a quality product that meets the needs of LADOTD and project stakeholders. SKA prides itself on its ability to maintain schedules and work closely with LADOTD's Project Manager. SKA's workload is such that we have the staff available to manage multiple Tasks Orders if needed. SKA's staff has worked on multiple IDIQ contracts with provided consistency for future IDIQ projects. The majority of our staff has been with SKA for more than 20 years with our managers being with SKA even longer. This clearly indicates the experience level SKA has working with LADOTD and our understanding of the Stage 0 Delivery Process. SKA will utilize **Niccola Gill, PE** as Supervising Engineer overseeing QA/QC. Ms. Gill has over 20 years of experience with SKA as well as working with LADOTD. SKA's approach for delivering a quality stage 0 feasibility report is summarized as follows:

ESTABLISH A CLEAR UNDERSTANDING OF LADOTD'S REQUIREMENTS AND GOALS During the scoping phase, **Ms. Gill** will establish open communication with the LADOTD Project Manager, provide a detailed schedule, and provide a preliminary coordination plan to assist LADOTD with managing the project. Establishing a clear scope and understanding expectations will assist with maintaining the schedule.

PROMPT CONTRACT EXECUTION SKA has an advantage being a local Baton Rouge consulting firm. Contracts are executed in our local office thereby eliminating the time needed for an out-of-state main office for execution and administration.

STAKEHOLDERS Early in the design phases, LADOTD Districts, permitting agencies, utilities, and local government agency will be identified to ensure an open communication is established which in turn will provide better coordination and will reduce the chance of misunderstandings.

SKA has coordinated initiation meetings, public meetings and hearing with LADOTD on multiple projects. Some of these being the proposed Mississippi River Bridge Crossing, Pecue Lane / I-10 Interchange, and ***multiple Stage 0 Feasibility Studies****. SKA has the ability to create exhibits, provide handouts, and coordinate meetings as needed for this project.*

TEAM MEETINGS Early on, SKA will determine the frequency of meetings needed for the project. Meetings will be determined for the project team, LADOTD, and any stakeholders identified. These meetings will assist in addressing issues that may arise that could impact scheduling.

MAINTAINING PROJECT SCHEDULE SKA will establish a critical path for activities. SKA will always strive to complete the project ahead of the scheduled completion date, but no later than the scheduled date.

QA/QC This project will be approached using SKA's proven and accepted Quality Assurance and Quality Control as included as part of this proposal. Adjustments will be made if necessary to meet the needs of the project. Our QA/QC allows us to maintain the highest standards of quality from start to finish.

METHODOLOGY

SKA has a clear understanding of LADOTD's Plan Delivery Process. Below outlines the processes, techniques, and strategies that will be used to ensure the project's goals are met effectively and efficiently.

- **Agency Coordination and Public Involvement:** A Coordination Plan will be developed with guidance from LADOTD. The purpose of this Coordination Plan is to define the process by which information will be communicated to the public (if required) and to the state and local agencies. The plan also identifies how input from agencies, stakeholders and the public will be solicited and considered. Identify the agencies that will be involved in coordination efforts. Additionally, to establish timeframes, protocols, and processes for agency and public involvement in the project, including development of the purpose and need, assistance in defining the range of alternatives to be considered, providing input on environmental impacts. The plan will clearly outline how the project team will solicit input, develop two-way communication with all parties, and document public opinions with regard to the Study.
- **Purpose and Need**: The purpose of the Stage 0 Studies are to assess and identify alternative project concepts that will address existing and future roadway, bridge, traffic, safety conditions, and access management. Once the purpose and need is determined the Stage 0 Study will reach a decision on the project feasibility.
- **Traffic**: For this contract, SKA's partnership with Vectura is advantageous in teaming for the traffic analysis. When scope allows existing traffic data will be gathered including, but not limited to Average Daily Traffic (ADT) counts and Crash Data. When traffic counts are not included in the scope, Average Daily Traffic (ADT) counts are to be used from the Louisiana Department of Transportation and Development (LADOTD) Traffic Monitoring website for routine traffic counts. Based on the traffic data gathered it will determine and warrant the need for the project development to meet current LADOTD Design Criteria. If needed, our team will implement Access management in accordance with the most current LADOTD EDSM (Engineering Directives and Standards). SKA will perform QA/QC over its sub-consultant, Vectura to ensure clarity and correctness.
- **Obtaining Data:** The Environmental Checklist along with documentation will be included in the Stage 0 Feasibility Report. The evaluation will be performed using various websites and site visit(s). Additionally, a preliminary desktop environmental review will be conducted on the proposed project area using NEPAssist. In addition to the checklist, the report will describe in detail the environmental information obtained as part of the Environmental Section, some environmental impacts which provide a "show-stopper" will be acknowledged as part of the executive summary. If any previous studies or reports have been completed on the project, once received, our team will review any data necessary to the current project and update any environmental items pertaining to the project. SKA will reach out to our Project Manager with LADOTD to obtain any as-builts, or previous studies and reports if applicable.
- **Utilities:** SKA will utilize LA One Call to request any utilities located in the project area. Once the utilities are determined, our team will reach out to the applicable utility company to request as-builts in the project area.
- **Survey:** In addition to civil engineers, we employee two (2) registered professional land surveyors. Since this is a Stage 0 Study, our team will use a desk top survey for use to develop the project Line and Grade Study for each alternative. We will obtain LIDAR information from LADOTD or LSU Atlas and convert using Global Mapper prior to importing into Microstation. Aerial photography will be used for the project site plan, geometric layouts, and plan/profile sheets from Google Earth, LSU Atlas, or our own Drone Aerial Photographs obtained from our site visit(s). Existing right-of-way will be determined from the best of our knowledge using existing as-builts or site visits. Required right-of-way will be determined based on the project design and limits of construction in accordance with LADOTD.
- **Preliminary Costs:** Will be established using LADOTD Transport Items and the latest bid tabulations provided on the LADOTD website. The costs will be separated into each alternate studied. Real Estate values will be developed from current listings for typical commercial, residential, and vacant properties in the study area. Estimates will include the costs associated with engineering, environmental, construction, right-of-way acquisition, utility relocation and contingencies.
- **Meetings:**

  Kick-off Meeting with LADOTD team members to get a clear understanding of their goals and to discuss any concerns they may have is an important step in the process to provide a comprehensive feasibility study. The Kick-off meeting will be used to develop a hierarchy for communication, determine deliverables for the Feasibility Study and to discuss the Measure of Effectiveness (MOE) to be compared for analysis.

18. Approach and Methodology

Any stakeholder information would be gathered, if available, to assist with the study/design approach. As part of the "kick-off meeting", the PM, EOR, and other necessary personnel will discuss and/or establish:

Agenda	Scheduling requirements
Design Criteria	Traffic
Software	MOE's
Deliverables	Review QC/QA Plan
Expectations	Miscellaneous Information

Additional Meetings may include:

- **Stakeholder Meetings:** These services shall include communications with LADOTD, Federal and State Officials, Parish Officials, City Officials, and other local officials to gain an understanding of all work performed on the project to this point in time and the context sensitive issues involved with the project. This research will be used to aid in developing a general understanding of the project for a public meeting. SKA will perform general research that shall include obtaining information about the origin of the project, funding history, initial conceptual geometric layouts (performed to date), transportation plan of the area, traffic volumes, and other important issues that currently exist.
- **Initiation Meetings**: The purpose of this meeting will be to obtain the general history of the area relative to the project, obtain views from various agencies and the general public, and to get agencies familiar with the procedures set forth for conducting a Stage 0 Feasibility Study as identified by LADOTD. SKA will be responsible for conducting the meetings and preparing and distributing meeting minutes accordingly to all members present.
- **Review meetings**: (with LADOTD) SKA will present the findings and review draft presentations with LADOTD personnel prior to making any presentation or submitting handouts at any public meeting.
- **Public Meetings:** Upon completion of general research, SKA will be responsible for the coordination of a public meeting in the project area for the purpose of obtaining public comment and opinions relative to the purpose and need of this project to be further identified. SKA will coordinate a meeting place and time, and shall be responsible for all public advertisements of such a meeting in accordance with established procedures set forth by LADOTD. SKA will prepare appropriate exhibit displays illustrating all initial conceptual layouts for this project prepared to date for the purpose of soliciting public views. SKA will prepare and distribute public comment forms with an appropriate return mailing address for the purpose of collecting public views to be utilized throughout conceptual developments of the project concepts. SKA will be responsible for preparing and distributing public meeting minutes accordingly to LADOTD and to other designated officials

➢ **Stage 0 Feasibility Report:**

- Develop preliminary purpose and need
- Identify initial project concept to address the need
- Planning/Design
  - Provide summary of as-built plans review, previous reports, traffic data, utilities, and all other information available
  - Conduct a field visit to assess the site conditions such as environmental impacts, right-of-way, permit issues, detour alternatives, etc. and provide summary
  - Prepare and submit project Design Criteria in accordance with latest documents listed
  - Prepare alignments that meet the purpose and need and submit for LADOTD review
  - Prepare line and grade / typical sections and submit for LADOTD review
  - Identify risks/impacts associated with alignments
  - When applicable, apply Highway Safety Manual Predictive Method to evaluate alternatives
- Traffic Analysis
  - Initial data collection
  - Final data collection
  - Safety Analysis
  - Existing/No Build traffic analysis and preliminary Tier 1
  - Review meeting
  - Preliminary Tier 2 analysis
  - Final alternative analysis
- Conduct preliminary environmental review, value planning/engineering assessment and constructability review
- Complete Environmental Checklist
- Complete Preliminary Scope and Budget Checklist
- Identify expected funding sources
- Prepare and submit draft feasibility report
- Prepare and submit final feasibility report

DISCRETIONARY GRANT PROGRAMS

EXPERIENCE SKA has experience with Grant Administration with 40 years of experience in grant applications, proposal writing, compliance monitoring, financial reporting, and program management. Adept at securing funding and ensuring successful grant management and program outcomes. SKA has applied for and managed grants with the following agencies:

1. Division of Administration – Louisiana Community Development Block Grant (LCDBG)
2. Division of Administration – Community Water Enrichment Funds (CWEF)
3. Division of Administration – Louisiana Government Assistance Program (LGAP)
4. Division of Administration – Hurricane Disaster Recovery Program
5. U.S. Department of Agriculture (USDA) Loan/Grant Program
6. Federal Emergency Management Agency (FEMA)
7. Economic Development Administration (EDA)

GRANT ADMINISTRATION SKA will manage or assist LADOTD and oversee the entire grant lifecycle, from application to closeout ensuring compliance with all regulatory requirements and deadlines. SKA will provide at the minimum the following:

1. Review and assess project proposals for eligibility and alignment with grant guidelines.
2. Prepare and review grant applications, budgets, and progress reports, securing funding for projects
3. Provide administrative support to the grant administration team, including scheduling meetings, preparing materials, and organizing grant documentation.
4. Monitor and track the allocation of grant funds, ensuring adherence to budgets and reporting requirements.
5. Develop and maintain relationships with funding organizations and government agencies to ensure timely and accurate submission of reports and proposals.
6. Ensure compliance with federal, state, and local regulations regarding grant funding and documentation.
7. Collaborate with LADOTD program manager to track project milestones and assess program performance.
8. Maintain a comprehensive filing system to ensure all grant-related documents were organized and easily accessible.

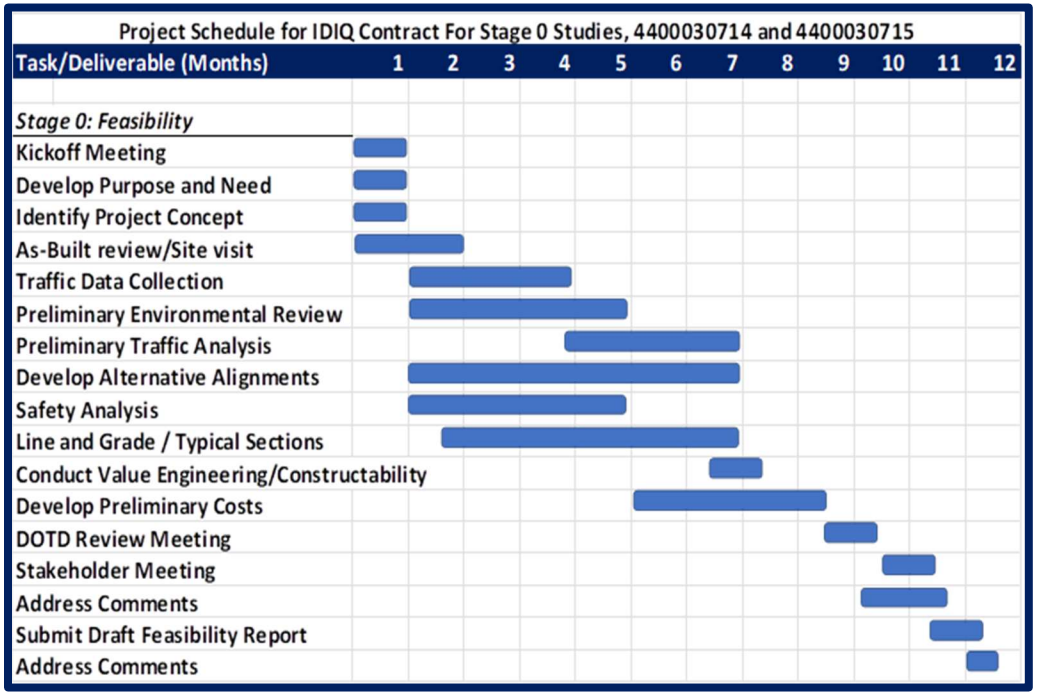
BENEFIT COST ANALYSIS (BCA) is a systematic approach used to evaluate the advantages (benefits) and disadvantages (costs) of a particular decision, project, policy, or investment. It helps in determining whether the benefits of a proposed action outweigh its costs, and by how much. SKA has performed BCA on various projects such as St. Bernard Pump Station Upgrades to determine if the pump station upgrades are beneficial to reducing flooding in the project area. Another project was the Reserve Drainage which involved the installation of culverts and associated catch basins and yard drains to determine if the improvements were beneficial. The Key Steps to completion of a BCA are as follows:

1. Define the project and gather required project data
2. Identify and quantify benefits and costs
3. Calculate Benefit Cost Ratio (BCR) to assess project feasibility
4. Conduct sensitivity analysis to explore uncertainties
5. Interpret results and make an informed decision

GRANT APPLICATION SKA will assist LADOTD with the grant application to the extent necessary as needed. The following are grant application procedures that SKA will provide in part or whole as required by LADOTD. Each grant has specific instructions on how to apply. This could include deadlines, required documentation, formatting, and submission guidelines. SKA will provide a budget and ensure the requirements are met and be prepared to specify how the funds will be utilized. Supporting Documentation will be provided if required, some funding agencies require letters of support from the Officials. SKA will reach out to request the letters of support. SKA will then complete the draft application by addressing each section requirement specified in the grant guidelines and focus on how the project aligns with the funding organization priorities and submit to LADOTD for review prior to submittal. Once reviewed and revised per LADOTD comments SKA will follow submission instructions and ensure that all required documents and supporting materials are included and keep a copy of the application and confirmation of submission for records. After submission, the funding may request additional information or revision which SKA will provide additional information or clarification and submit the final application. Once awarded SKA will assist LADOTD with the Grant Administration as previously mentioned.

SCHEDULE

*The overall time for completion of the IDIQ Contract is estimated to be 5 years, however based on previous **Stage 0 Feasibility Studies**, SKA estimated a typical 12-month project timeline for each study. SKA will always strive to complete the project ahead of the scheduled completion date, but no later than the scheduled date.*



19. Workload

Firm(s)	Past Performance Evaluation Discipline(s)	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance
Shread-Kuyrkendall & Associates, Inc.	Road	44-8671 H.009266	I-10 (LA 73 to LA 30) Route I-10, Ascension Parish	$ 28,650
	Bridge	44-8671 H.009266	I-10 (LA 73 to LA 30) Route I-10, Ascension Parish	$ 71,720
	CE&I/OV	44-4665 H.004435	I-12 to Bush, LA 3241 (LA 36 – LA 435), St. Tammany Parish	$ 59,633
	CE&I/OV	No Contract No. H.011152	I-12 Widening (sub to T. Baker Smith)	$ 5,457
	Road	44-17438 H.013284	MRB South GBR: LA 1 to LA 30 Connector (sub to Atlas)	$ 52,717
	Road	44-17438 H.013284	MRB South GBR: LA 1 to LA 30 Connector (sub to Atlas) SA#3	$ 154,621
	CE&I/OV	44-5615 H.000710.6	Comite River Diversion Bridge at LA 964	$ 50,467
	Road	44-24831 H.0148830.5	LA 14 at LA 674 Intersection Improvements	$ 103,150
	Road	44-24831 H.015954.5	LA 1100 & LA 95	$ 4,734
	Road	44-27211 H.0145510.5	Iberia St. Pavement Preservation and Bike Improvements	$ 120,264
Vectura Consulting Services, LLC (DBE)	Traffic	4400017293 H.010616	I-20: LA 544 Overpass Replacement	$ 74,429
	Traffic	4400005484 H.005168.2	New Orleans Rail Gateway Avondale EA	$ 59,571
	CE&I/OV	4400020018 H.007160	EBR Computerized Traffic Signal, Ph VB	$ 66,032
	Traffic	H.004791	Belle Chasse Bridge & Tunnel Replacement PPP	$ 11,202
	Traffic	4400021519 H.012030.5	KCS RR Overpasses HBI	$ 572
	Traffic	4400023075 H.013522	S. Lewis Street Widening	$ 7,499

Vectura Consulting Services, LLC (DBE)	ITS	4400017922 H.012845.1	C/AV Team and Working Group Support	$ 6,820
	Traffic	4400025299 H.01564.5	LA 47 Hayne Blvd Safety Improvements	$ 17,303
	Traffic	4400018271 H.014746.5	LA 383 Stage 0 Corridor Study	$ 20,146
	ITS	4400016364 H.014511.1	Houma Regional ITS Architecture Update	$ 10,746
	Traffic	4400025299 H.013421.5	Dist. 02H Flashing Yellow Arrow Part 2	$ 265,766
	Traffic	4400026913 H.013421.5	East Street & Parkview Drive Sidewalks	$ 12,818

DO NOT SUM

20. Certifications/Licenses

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

State of Louisiana Secretary of State

COMMERCIAL DIVISION
225.925.4704

Fax Numbers
225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)

Name	Type	City	Status
SHREAD-KUYRKENDALL & ASSOCIATES, INC.	Business Corporation	BATON ROUGE	Active

Previous Names

STEWART-KUYRKENDALL AND ASSOCIATES, INC. (Changed: 10/24/1990)

Business: SHREAD-KUYRKENDALL & ASSOCIATES, INC.
Charter Number: 31602440D
Registration Date: 10/7/1976

Domicile Address

13016 JUSTICE AVENUE
BATON ROUGE, LA 70816

Mailing Address

C/O RIPLEY W MCCLURE
13016 JUSTICE AVENUE
BATON ROUGE, LA 70816

Principal Office Address

13016 JUSTICE AVENUE
BATON ROUGE, LA 70816

Status

Status: **Active**
Annual Report Status: **In Good Standing**
File Date: 10/7/1976
Last Report Filed: 9/9/2024
Type: Business Corporation

Registered Agent(s)

Agent:	RIPLEY MCCLURE
Address 1:	13016 JUSTICE AVENUE
City, State, Zip:	BATON ROUGE, LA 70816
Appointment Date:	2/19/2024

Officer(s)

Additional Officers: No

Officer:	MIGNONNE GUTIERREZ
Title:	Secretary
Address 1:	13016 JUSTICE AVENUE
City, State, Zip:	BATON ROUGE, LA 70816

Officer:	RIPLEY MCCLURE
Title:	President, Treasurer
Address 1:	13016 JUSTICE AVENUE
City, State, Zip:	BATON ROUGE, LA 70816

Amendments on File (6)

Description	Date
Name Change	10/24/1990
Disclosure of Ownership	1/23/1998
Disclosure of Ownership	3/8/2001
Disclosure of Ownership	1/11/2005
Disclosure of Ownership	2/19/2024
Domicile, Agent Change or Resign of Agent	2/19/2024

Print

State of Louisiana Secretary of State

COMMERCIAL DIVISION
225.925.4704

Fax Numbers
225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)

Name	Type	City	Status
VECTURA CONSULTING SERVICES, LLC	Limited Liability Company	BATON ROUGE	Active

Previous Names

Business: VECTURA CONSULTING SERVICES, LLC
Charter Number: 41994609K
Registration Date: 8/24/2015

Domicile Address

4467 BLUEBONNET BLVD.
SUITE A
BATON ROUGE, LA 708099639

Mailing Address

PO BOX 14269
BATON ROUGE, LA 70898

Status

Status: **Active**
Annual Report Status: **In Good Standing**
File Date: 8/24/2015
Last Report Filed: 7/26/2024
Type: Limited Liability Company

Registered Agent(s)

Agent: SHEELAGH BRIN FERLITO
Address 1: 4467 BLUEBONNET BLVD
Address 2: SUITE A

City, State, Zip:	BATON ROUGE, LA 708099639
Appointment Date:	8/15/2018

Officer(s)

Additional Officers: No

Officer:	SHEELAGH BRIN FERLITO
Title:	Manager
Address 1:	4467 BLUEBONNET BLVD
Address 2:	SUITE A
City, State, Zip:	BATON ROUGE, LA 708099639

Officer:	LAURENCE LAMBERT
Title:	Member
Address 1:	4467 BLUEBONNET BLVD
Address 2:	SUITE A
City, State, Zip:	BATON ROUGE, LA 708099639

Amendments on File (1)

Description	Date
Domestic LLC Agent/Domicile Change	6/8/2023

Print

Certificate of Professional Development Hours

presented to

Ripley McClure

for attending the

Highway Safety Manual Workshop

12.0 PDHs

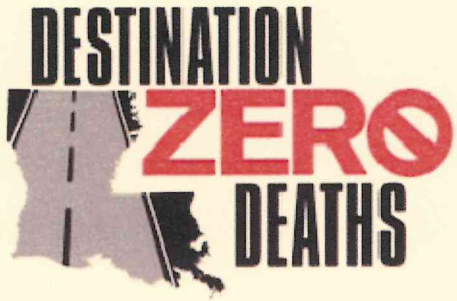
on

December 3-4, 2014 Baton Rouge, Louisiana

Authorized By

DOTD
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

LOUISIANA TRANSPORTATION RESEARCH CENTER



This certificate of training is presented to

BRIN FERLITO

In Recognition of Attending

Highway Safety Manual Workshop

Baton Rouge, Louisiana

18.0 Professional Development Hours

Elizabeth Wemple, PE

Eric Tang, PE

Instructor

Nov 30—Dec 2, 2011

Date

U.S. Department of Transportation
Federal Highway Administration

National Highway Institute

NATIONAL HIGHWAY INSTITUTE

Certificate of Training

Niccola Gill

has participated in

FHWA-NHI-142005 NEPA and the Transportation Decision-making Process

hosted by

LA DOTD/LTRC

Date: *April 5-7, 2016*

Location: *Baton Rouge, LA*

Hours of Instruction: 18

Instructor

Instructor

Local Coordinator

Valerie Briggs, Director
National Highway Institute

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

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

DOTD
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

DOTD
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

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

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

U.S. Department of Transportation

Federal Highway Administration

National Highway Institute

national highway institute

Certificate of Training

KRISTEN FARRINGTON

has participated in

FHWA-NHI-142005 NEPA and the Transportation Decisionmaking Process

hosted by

LA DOTD/LTRC

Date: *August 10-12, 2022*

Location: *Baton Rouge, LA*

Hours of Instruction: 18

Instructor

Instructor

Allison H. Landry

Local Coordinator

Thomas Harman

Thomas Harman, Director
National Highway Institute

21. QA/QC Plan

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

22. Sub-consultant information

Firm Name (Name must match exactly as registered with Louisiana's Secretary of State (SOS): including punctuation, include screenshot(s) from SOS at the end of Section 20)	Address	Point of Contact and email address	Phone Number
Vectura Consulting Services, LLC	PO Box 14269 Baton Rouge, LA 70898	Brin Ferlito; bferlito@vecturacs.com	225-223-6685

23. Location

Location:

If location is an evaluation criterion for this advertisement (see page 2) and the prime consultant intends to establish a local presence, describe the plan for doing so. **Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the Evaluation Criteria section of the advertisement**.