

# **DOTD FORM: 24-102**

## **PROPOSAL TO PROVIDE CONSULTANT SERVICES**

(Revised June 1, 2021)

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

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

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

1. Contract title as shown in the advertisement	<b>CONTRACT FOR S. LEWIS ST. WIDENING</b>
2. Contract number(s) as shown in the advertisement	4400023075
3. State Project Number(s), if shown in the advertisement	H.013522
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	Shread Kuyrkendall & Associates, Inc.
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	P.E. 0000767 P.L.S. 0000130
6. Prime consultant mailing address	13016 Justice Ave., Baton Rouge, LA 70816
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	13016 Justice Ave., Baton Rouge, LA 70816
8. Name, title, phone number, and email address of prime consultant's contract point of contact	<b>Richard R. Shread</b> , President (225) 296-1335 Shread@skaengr.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	<b>Richard R. Shread</b> , President (225) 296-1335 Shread@skaengr.com
10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal,	

proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.

Signature (shall be the same person as #9):

Richard R Shread

Date:

12/2/21

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

Firm(s):

Firm(s)' %:

## 12. Past Performance Evaluation Discipline Table:

<b>Sub-consultants are allowed to be used for this proposal.</b> Fill in the table by identifying only those evaluation disciplines consistent with the approach and methodology proposed in Section 18 of the DOTD Form 24-102*, the name of each firm that is part of the proposal, and the percentage of work in each past performance evaluation discipline to be performed by that firm. The percentage estimated for each evaluation discipline is for evaluation purposes only and will not control the actual performance or payment of the work. The percentages for prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as the overall total percentage of the contract.							
Evaluation Disciplines	% of Overall Contract	Prime <b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	Firm B <b>T. Baker Smith</b>	Firm C <b>Vectura, Inc.</b>	Firm D <b>APS Engineering and Testing</b>	Firm E	Firm F
Road	70%	100%					
Survey	15%		100%				
Traffic	10%			100%			
Geotech	5%				100%		
Identify the percentage of work for the <b>overall contract</b> to be performed by the prime consultant and each sub-consultant							
Percent of Contract	100%	70%	15%	10%	5%		

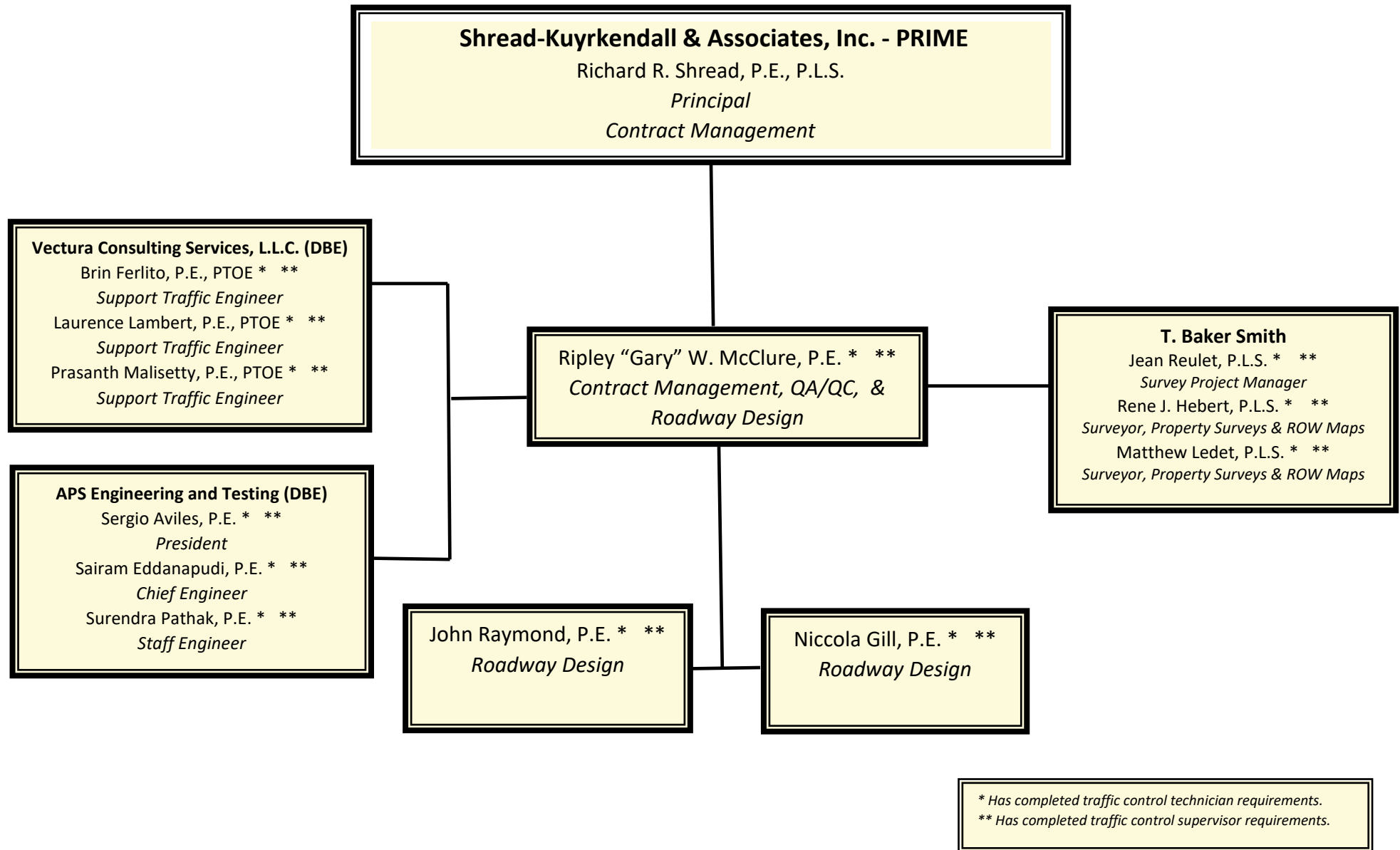
\*The past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other. The crosswalk from the old categories to the new categories can be found at the link below:

[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/CCS/General%20Information/CPPR%20Crosswalk%20to%20New%20Evaluation%20Disciplines.pdf](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/General%20Information/CPPR%20Crosswalk%20to%20New%20Evaluation%20Disciplines.pdf)

**13. Firm Size:**

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
Shread-Kuyrkendall & Associates, Inc.	Principal	1	1
Shread-Kuyrkendall & Associates, Inc.	Supervisor-Eng	1	1
Shread-Kuyrkendall & Associates, Inc.	Engineer	2	6
Shread-Kuyrkendall & Associates, Inc.	CADD Technician	2	2
Shread-Kuyrkendall & Associates, Inc.	CADD-Operator	0	2
T. Baker Smith, LLC	Supervisor ENG	1	3
T. Baker Smith, LLC	Supervisor Other	2	20
T. Baker Smith, LLC	Engineer	2	18
T. Baker Smith, LLC	Surveyor	3	12
T. Baker Smith, LLC	Senior Technician	2	13
T. Baker Smith, LLC	Party Chief	3	20
Vectura Consulting Services, LLC	Supervisor – Eng	3	3
Vectura Consulting Services, LLC	Engineer	4	4
APS Engineering and Testing	Engineer	5	5
APS Engineering and Testing	Driller	3	3
APS Engineering and Testing	Technician	12	12

#### 14. Organizational Chart:



### **15. Minimum Personnel Requirements:**

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license / certification & number	State of license	License / certificatio n expiration date
1	Richard R. Shread	<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	P.E. (Civil) 18983	LA	9/30/22
2	Richard R. Shread	<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	P.E. (Civil) 18983	LA	9/30/22
3	Ripley W. "Gary" McClure	<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	P.E. (Civil) 24035	LA	9/30/22
3	John P. Raymond	<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	P.E. (Civil) 27988	LA	9/30/22
4	Jean Reulet	<b>T. Baker Smith</b>	P.L.S. 5145	LA	3/31/22
4	Rene J. Hebert	<b>T. Baker Smith</b>	P.L.S. 5070	LA	3/31/22
4	Matthew J. Ledet	<b>T. Baker Smith</b>	P.L.S. 5104	LA	9/30/22
5	Rene J. Hebert	<b>T. Baker Smith</b>	P.L.S. 5070	LA	3/31/22
5	Matthew J. Ledet	<b>T. Baker Smith</b>	P.L.S. 5104	LA	9/30/22

## 16. Staff Experience:

Firm employed by Shread Kuyrkendall & Associates, Inc.				
Name	Richard R. Shread, P.E., P.L.S.		Years of relevant experience with this employer	31
Title	PRINCIPAL		Years of relevant experience with other employer(s)	14
Degree(s) / Years / Specialization			B.S. / 1974 / Civil Engineering   MBA / 1979 / Business Admin	
Active registration number / state / expiration date			18983 / LA / September 30, 2022   PLS. No. 4695 / LA / September 30, 2022	
Year registered	1980/1993	Discipline	Civil Engineering / Land Surveyor	
Contract role(s) / brief description of responsibilities			Mr. Shread, principal managing officer, is responsible for overall financial, personnel and policy management. In addition, he shares responsibility for business development and continues to serve as Principal-in-Charge for contract administration on specific projects. Mr. Shread’s role will be Principal. (MPR 1 & 2)	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
Roadway Design				
06/18-Present	H.001799 / LA 531 Overpass: Webster Parish – Shread-Kuyrkendall & Associates is providing preliminary plans for <b>roundabouts</b> at the interstate ramp termini and the corresponding roadway tie-ins for the LA 531 bridge replacement. The project is approximately 0.3 miles long along LA 531. <b>Roundabouts</b> 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.			
6/17-Present	H.011923 / Hooper Rd Roundabout at Sullivan Rd (LA 408 at LA 3034): East Baton Rouge Parish – Shread-Kuyrkendall & Associates is designing project plans for the implementation of a <b>multi-lane roundabout</b> with right turn slip lanes at the intersection at Hooper Rd (LA 408) at Sullivan Rd (LA 3034) in Central. The <b>roundabout</b> is being designed in conjunction with planned improvements to both Hooper and Sullivan Roads to improve safety and operation of the intersection			
10/16-07/21	H.004435 / LA 3241 (LA 36 to LA 435): St. Tammany Parish – Currently in final plan phase. This project is a new alignment which involves 8 miles of 4 lane divided rural arterial freeway (roadway classification RA-3).			
10/12-Present	H.009266 / I-10 (LA 73 – LA 30): Ascension Parish – Our firm was contracted to provide topographic survey services, preliminary and final roadway and bridge design services to widen I-10 from a 4 lane freeway section to a 6 lane freeway section. The roadway section is approximately 4.5 miles long. The bridge design services include the widening or replacement of the overpasses at LA 429 and LA 30, as well as the bridges at Bayou Smith.			
10/10 - Present	H.013579, H.003047, & H.012290 / Pecue Lane / I-10 Interchange: East Baton Rouge Parish – Mr. Shread served as supervisor for Louisiana’s first Diverging Diamond Interchange (DDI). The project was ultimately broken into three separate			

	phases and design plans to facilitate federal redistribution funding requirements, and the design team was challenged with an accelerated schedule as a result. The DDI includes full eastbound and westbound on and off ramps on I-10 and widens Pecue Lane to six lanes with a connector to Rieger Road. of 375 feet. The <b>CN &amp; IC RR Bridge</b> has 7 continuous units consisting of 18-75 foot Type III Girder spans with 1-110 foot Type BT-63 Girder span over the railroad for a total length of 1,450 feet. Mr. Shread has served as project manager from the start of the project until its completion.
<b>11/07-12/14</b>	<b>H.009064, H.009987, H.009717 et. al. / Hurricane Katrina DOTD Submerged Roads Program: Orleans Parish</b> – Overall responsibility for the preparation of construction plans for the proposed improvements.
<b>02/04-11/09</b>	<b>H.007154, H.007152, H.002303 / Central Thruway: East Baton Rouge Parish</b> – This project involved the design and construction of a 2-lane roadway for 5.2 miles on a new alignment including seven bridges. Also included in the scope of this project was a corridor study, an environmental assessment, topographic surveys, right-of-way maps and property surveys. Mr. Shread has served as project manager from the start of the project until its completion.
<b>Bridge &amp; Roadway Design</b>	
<b>06/18-Present</b>	<b>H.011152 / I-12 Widening (US 190 to LA 59): St. Tammany Parish</b> – (Subconsultant to T. Baker Smith, LLC) Preliminary & Final Design of I-12 bridges over US 190, including 3 – 12’ travel lanes, 12’ inside shoulders and 12’ outside shoulder. The design included AASHTO Type II & Type IV P.S. Girders. Total length of the two bridges 680 ft. each.
<b>04/14-Present</b>	<b>H.004435 / LA 3241 (LA 36 to LA 435): St. Tammany Parish</b> – Currently in final plan phase. As principal, Mr. Shread is overseeing that Shread-Kuyrkendall & Associates is providing final plans for a new alignment which involves 8 miles of 4 lane divided rural arterial freeway, which includes twin span bridges at two locations. Each bridge will have seven spans of varying lengths using Type III PPC Girders.
<b>10/12-Present</b>	<b>H.009266 / I-10 (LA 73 to LA 30): Ascension Parish</b> – Our firm was contracted to provide topographic survey services and preliminary and final roadway and bridge design services to widen I-10 from a 4-lane freeway section to a 6 lane freeway section. The roadway section is approximately 4.5 miles long. The bridge design services include the widening or replacement of the overpasses at LA 429 and LA 30, as well as the bridges at Bayou Smith. Mr. Shread serves as principal, overseeing implementation of the design for this project.
<b>10/10-Present</b>	<b>H.013579, H.003047, &amp; H.012290 / Pecue Lane / I-10 Interchange: East Baton Rouge Parish</b> – Mr. Shread served as supervisor for Louisiana’s first Diverging Diamond Interchange (DDI). The project was ultimately broken into three separate phases and design plans to facilitate federal redistribution funding requirements, and the design team was challenged with an accelerated schedule as a result. The DDI includes full eastbound and westbound on and off ramps on I-10 and widens Pecue Lane to six lanes with a connector to Rieger Road.
<b>02/04- 11/09</b>	<b>H.007154, H.007152, H.002303 / Central Thruway: East Baton Rouge Parish</b> – This project involved the design and construction of a 2-lane roadway for 5.2 miles on a new alignment including seven bridges. Also included in the scope of this project was a corridor study, an environmental assessment, topographic surveys, right-of-way maps and property surveys. Mr. Shread has served as project manager from the start of the project until its completion.

## 16. Staff Experience:

Firm employed by Shread Kuyrkendall & Associates, Inc.				
Name	Ripley "Gary" W. McClure, P.E.		Years of relevant experience with this employer	29
Title	ENGINEERING SUPERVISOR		Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization			B.S. / 1982 / Civil Engineering	
Active registration number / state / expiration date			24035 / LA / September 30, 2022	
Year registered	1988 /1994	Discipline	Civil Engineering / Environmental Engineering	
Contract role(s) / brief description of responsibilities			Mr. McClure's role will be Roadway Design, QA/QC, and Contract Management (MPR 3)	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).			
Roadway Design				
09/19-Present	H.010155 / US 90 Rail Spur Removal SE of LA 85: Iberia Parish – Preliminary and final plans for roadway and structure improvements at the existing at grade railroad crossing at US 90 in Iberia Parish. The existing railroad crossing will be replaced with an access tunnel beneath the mainline and frontage roads. The proposed tunnel will consist of a culvert structure placed at the existing ground level. Embankment will be required to raise the profile grade line of US 90 and the frontage roads to allow for the culvert structure to pass underneath.			
04/19-06/20	H.000710 / Comite River Diversion / LA 964: East Baton Rouge Parish – This project consists of a single bridge approximately 350 feet long, with a finished cross-sectional clear width of 44 feet. The new bridge is designed using AASHTO Type III Girders and is in super-elevation. The roadway is designed as an Urban Arterial with two 12 foot lanes and 10 foot shoulders. A temporary diversion is used during bridge and canal construction.			
03/21-Present	20-CS-HC-0015 / Hennessey Blvd. – Perkins Rd. Connector: East Baton Rouge Parish – Presently, an existing at grade rail crossing, this project involves a steel girder railroad bridge overpass of an arterial road in Baton Rouge. This bridge will be constructed with the railroad remaining live which requires significant shoring as the roadway which will pass beneath the railway bridge. Steel girders are the design preference by KCS with a concrete deck and ballast for the railway which is being designed by Mr. McClure.			
04/19 – 06/20	H.000710 / Comite River Diversion / LA 964: East Baton Rouge Parish – This project consisted of a <b>single bridge</b> approximately 350 feet long, with a finished cross-sectional clear width of 44 feet. The new bridge was designed using AASHTO Type III girders and is in super-elevation. A temporary diversion will be used during bridge and canal construction. Mr. McClure was the project supervisor and provided oversight and checking of the bridge components.			

<b>10/16 – 08/19</b>	<b>H.011152 / I-12 Widening (US 190 to LA 59):</b> <i>St. Tammany Parish</i> – Mr. McClure was the 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 <b>two bridges over US 190</b> 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.
<b>10/12-Present</b>	<b>H.009266 / I-10 (LA 73 to LA 30):</b> <i>Ascension Parish</i> – A bridge and roadway project that is to be widened from four lanes to six lanes. Consisting of <b>eight girder span bridges with column and pile bents</b> configurations. Mr. McClure provided bridge evaluation and rating followed by recommendations made to the LADOTD Bridge Design Section to either widen or replace the existing bridges.
<b>10/10-Present</b>	<b>H.013579, H.003047, &amp; H.012290 / Pecue Lane / I-10 Interchange:</b> <i>East Baton Rouge Parish</i> – Mr. McClure served as supervisor and bridge design engineer for <b>Louisiana's first Diverging Diamond Interchange (DDI)</b> . 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.
<b>06/10-12/12</b>	<b>H.007811 / US 61 Roadway and Bridge over the Comite River Diversion:</b> <i>East Baton Rouge Parish</i> – This is a bridge and roadway project being funded through the COE for the future Comite River Diversion Canal. US 61 is a four lane divided highway with <b>twin span bridges</b> crossing the canal. Each bridge consisted of 5-70 foot Type III Girder spans over a skewed channel with two continuous units for a total bridge length of 350'. Mr. McClure served as project manager and bridge design engineer for this project.
<b>08/10- 01/15</b>	<b>H.003107 / French Branch Bridge – West Pearl River Bridge (I-10/I-12/I-59):</b> <i>St. Tammany Parish</i> – 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.
<b>02/14- 11/09</b>	<b>H.007154, H.007152, H.002303 / Central Thruway:</b> <i>East Baton Rouge Parish</i> – This project involved the design and construction of a 2-lane roadway for 5.2 miles on a new alignment including seven bridges. Also included in the scope of this project was a corridor study, an environmental assessment, topographic surveys, right-of-way maps and property surveys. Mr. McClure has served as project Engineer from the start of the project until its completion.

## 16. Staff Experience:

Firm employed by Shread Kuyrkendall & Associates, Inc.				
Name	John P. Raymond, P.E.		Years of relevant experience with this employer	27
Title	SENIOR DESIGN 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			27988 / LA / September 30, 2022	
Year registered	1998	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Mr. Raymond's role will be Roadway Design. (MPR 3)	
Roadway Design				
06/18-Present	H.001799 / LA 531 Overpass: Webster Parish – Shread-Kuyrkendall & Associates is providing preliminary plans for roundabouts at the interstate ramp termini and the corresponding roadway tie-ins for the LA 531 bridge replacement. The project is approximately 0.3 miles long along LA 531. Roundabouts will be constructed at the I-20 entrance/exit ramp intersections with LA 531 both to the north and south of the LA 531 overpass. Mr. Raymond served as project manager and road design engineer for this project.			
06/17-Present	H.011923 / Hooper Rd Roundabout at Sullivan Rd (LA 408 at LA 3034): East Baton Rouge Parish – Shread-Kuyrkendall & Associates is designing 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. Mr. Raymond is the project manager and road design engineer for this project.			
04/14-Present	H.004435 / LA 3241 (LA 36 to LA 435): St. Tammany Parish – Currently in the final plan phase. Mr. Raymond is managing and designing the roadway work for LADOTD for approximately eight miles of a new alignment in St. Tammany Parish. This new roadway is a four-lane rural arterial freeway (roadway classification RA-3). Responsibilities include project management, geometric and hydraulic design, sequence of construction, design of superelevation, earthwork, and tabulation of quantities.			
10/12-Present	H.009266 / I-10 (LA 73 to LA 30): Ascension Parish – Currently in design, Mr. Raymond is managing and designing the roadway work for LADOTD for the widening of approximately 4.5 miles of Interstate 10 from LA 73 to LA 30. Project scope includes widening the interstate from two lanes in each direction to three lanes in each direction. Responsibilities include project management, geometric and hydraulic design, sequence of construction, earthwork, and tabulation of quantities.			

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

## 16. Staff Experience:

Firm employed by Shread Kuyrkendall & Associates, Inc.				
Name	Niccola D. Gill, P.E.		Years of relevant experience with this employer	18
Title	SENIOR DESIGN 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			32914 / LA / March 31, 2023	
Year registered	2007	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Ms. Gill's role will be Roadway Design and Hydrology/Hydraulics.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).			
Roadway and Bridge Design				
09/19-Present	<b>H.010155 / US 90 Rail Spur Removal SE of LA 85: Iberia Parish</b> – Ms. Gill is the design engineer for this project which consists of preliminary and final plans for roadway and structure improvements at the existing at grade railroad crossing at US 90 in Iberia Parish. The existing railroad crossing will be replaced with an access tunnel beneath the mainline and frontage roads. The proposed tunnel will consist of a culvert structure placed at the existing ground level. Embankment will be required to raise the profile grade line of US 90 and the frontageroads to allow for the culvert structure to pass underneath.			
06/18-Present	<b>16-BR-PT-0019 / Port Hickey Road Roadway and Bridge Replacement: East Baton Rouge Parish</b> – Ms. Gill was the design engineer for this bridge and performed the <b>hydraulic analysis</b> for the bridge and to determine alternative structures. Discharging into the Mississippi River, it is not unusual for the existing bridge to become inundated when the Mississippi River stages are high. The Parish contracted with SKA to evaluate replacing the bridge with a higher elevation, to replace the bridge with reinforced box culverts, or to replace the bridge with a three (3) sided precast concrete bridge structure. <b>This project is very similar to the bridge projects advertised in the RFQ, having options for bridge replacement or alternative structures.</b>			
03/21 - Present	<b>20-CS-HC-0015 / Hennessey Blvd. – Perkins Rd. Connector: East Baton Rouge Parish</b> – Presently, an existing at grade rail crossing, this project involves a <b>steel girder railroad overpass</b> of an arterial road in Baton Rouge. This bridge will be constructed with the railroad remaining live which requires significant shoring as the roadway which will pass beneath the railway bridge. Steel girders are the design preference by KCS with a concrete deck and ballast for the railway which is being designed by Ms. Gill.			
04/19 - 06/20	<b>H.000710 / Comite River Diversion / LA 964: East Baton Rouge Parish</b> – Ms. Gill is the design engineer for this project which consists of a single bridge approximately 350 feet long, with a finished cross-sectional clear width of 44 feet. The new bridge is designed using AASHTO Type III Girders and is in super-elevation. The roadway is			

	designed as an Urban Arterial with two 12 foot lanes and 10 foot shoulders. A temporary diversion is used during bridge and canal construction.
<b>04/14 - Present</b>	<b>H.004435 / LA 3241 (LA 36 to LA 435): <i>St. Tammany Parish</i></b> – Ms. Gill is the bridge design engineer for this project and is 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 <b>hydraulic analysis</b> for the bridges using HEC-RAS software to establish the pile spacing and location of the bridges as well as velocities and scour potential.
<b>10/12 - Present</b>	<b>H.009266 / I-10 (LA 73 to LA 30): <i>Ascension Parish</i></b> – Ms. Gill is the bridge design engineer for this project consisting of a bridge and roadway project that is to be widened from four lanes to six lanes. This project has <b>8 girder span bridges with column and pile bents configurations</b> . Bridge evaluation and rating was performed followed by recommendations made to the LADOTD Bridge Design Section to either widen or replace the existing bridges. Ms. Gill designed girders, spans, and column bents. She also performed <b>hydrologic and hydraulic analyses</b> for the Smith Bayou bridge.
<b>10/10-Present</b>	<b>H.013579, H.003047, &amp; H.012290 / Pecue Lane / I-10 Interchange: <i>East Baton Rouge Parish</i></b> – Ms. Gill served as environmental support and <b>hydraulic design engineer</b> for <b>Louisiana’s first Diverging Diamond Interchange (DDI)</b> . SKA led a team of seven local firms to provide Preliminary and Final plans for this high profile project which included City-Parish, LADOTD, and Federal involvement and funding. The DDI includes full eastbound and westbound on and off ramps on I-10 and widens Pecue Lane to six lanes with a connector to Rieger Road.
<b>04/07- 11/09</b>	<b>742-17-0148 / Beaver Bayou Bridge No. 2 and Beaver Bayou Bridge No. 3 Bridges / Central Thruway: <i>East Baton Rouge Parish</i></b> – Beaver Bayou Bridge No. 2 has 3 continuous units consisting of 7-40 foot Quad Beam Girder spans over Beaver Bayou with a total length of 280 feet. This bridge has skewed spans for its entire length to accommodate the channel crossing. Beaver Bayou Bridge No. 3 has 2 continuous units consisting of 5-75 foot Type III Girder spans over Beaver Bayou with a total length of 375 feet. Ms. Gill designed the bent caps and continuous spans for these bridges. She also performed <b>hydrologic and hydraulic analyses</b> for the bridges and evaluated these bridges individually and as a basin. She was instrumental in determining pile spacing and location as well as velocities and scour protection.
<b>06/04- 11/06</b>	<b>742-17-0147 / Sullivan Bridge and CN &amp; IC Railroad Bridge / Central Thruway: <i>East Baton Rouge Parish</i></b> – The Sullivan Bridge is a 2 span continuous unit consisting of 5-75 foot Type III Girder spans on a curve for a total length of 375 feet. The <b>CN &amp; IC RR Bridge</b> has 7 continuous units consisting of 18-75 foot Type III Girder spans with 1-110 foot Type BT-63 Girder span over the railroad for a total length of 1,450 feet. Ms. Gill designed the bents and spans for these bridges. She also performed <b>hydrologic and hydraulic analyses</b> for the bridges and evaluated these bridges individually and as a basin.

## 16. Staff Experience:

Firm employed by: <b>T. Baker Smith, LLC</b>				
Name	<b>Jean Reulet, PLS</b>		Years of relevant experience with this employer	<b>&lt;1</b>
Title	<b>Survey Project Manager</b>		Years of relevant experience with other employer(s)	<b>13</b>
Degree(s) / Years / Specialization			<b>Bachelor of Science / 2011 / Geomatics</b>	
Active registration number / state / expiration date			<b>5145 / Louisiana / 03/31/2022</b>	
Year registered	<b>2015</b>	Discipline	<b>Survey</b>	
Contract role(s) / brief description of responsibilities			<b>Jean Reulet fulfills MPRs No. 4 and will serve as a Project Surveyor</b>	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
Jean Reulet has served in various roles as a professional land surveyor since 2015. His field experience for LADOTD projects began in 2012 where he has been involved in dozens of topographic surveys of varying sizes across southern Louisiana. He has participated in all stages of a topographic survey from field data collection to final deliverables preparation according to the LADOTD’s Location and Survey Manual. Jean is experienced in the use of cutting edge technology such as terrestrial and mobile LIDAR methods for collecting topographic and structural data in an efficient and safe manner.				
All project experience was with previous employers				
<b>06/20 – 06/21</b>	<b>Multiple S.P. Nos., Contract No. 4400017597, Rural Bridge Replacement Initiative, Southern LA</b> – Survey Dept. Assistant Manager. Performed data processing, project QAQC and management for Topographic Survey.			
<b>03/21 – 06/21</b>	<b>H.010885: LA 91: Bayou Plaquemine Brule Br Replace, Estherwood, LA</b> – Survey Dept. Assistant Manager. Performed data processing, project QAQC and management for Topographic Survey.			
<b>04/20 – 11/20</b>	<b>H.000688: US 11 Norfolk Southern RR Overpass (HBI), Slidell, LA</b> – Sr. Project Manager. Performed data processing and project QAQC for Topographic Survey.			
<b>04/20 – 06/20</b>	<b>H.000284: US 90: Pearl River Bridges (HBI), Orleans Parish, LA</b> – Sr. Project Manager. Performed data processing, project QAQC and management for Topographic Survey, Mobile LiDAR Scanning project.			
<b>01/20 – 08/20</b>	<b>H.010652: LA 73: US 61 (Airline) – Essen Lane, Baton Rouge, LA</b> – Sr. Project Manager. Performed data processing, project QAQC and management for Topographic Survey, Mobile LiDAR Scanning project.			
<b>06/19 – 08/19</b>	<b>H.004791: LA 23: Belle Chasse Bridge &amp; Tunnel (HBI), Belle Chasse, LA</b> – Sr. Project Manager. Performed data processing, project QAQC and management for Topographic Survey.			

<b>08/19 – 11/19</b>	<b>H.011645: LA 3002 Access Management, Denham Springs, LA</b> – Sr. Project Manager. Performed data processing, project QAQC and management for Topographic Survey, Mobile LiDAR Scanning project.
<b>04/19 – 04/19</b>	<b>H.005121: I-10 to LA 1 Connector, W. Baton Rouge Parish, LA</b> – Sr. Project Manager. Performed data processing, project QAQC and management for Topographic Survey.
<b>01/19 – 04/19</b>	<b>H.012735: LA 182 Barrow St. Bridge, Houma, LA</b> – Sr. Project Manager. . Performed data processing, project QAQC and management for Topographic Survey.
<b>10/18 – 04/19</b>	<b>H.012591: I-10 Paris Road – Lake Pontchartrain, Orleans Parish, LA</b> – Sr. Project Manager. Performed data processing, project QAQC and management for Topographic Survey, Mobile LiDAR Scanning project.
<b>05/18 – 12/18</b>	<b>H.011670: Loyola Interchange Improvements, Kenner, LA</b> – Sr. Project Manager. Performed data processing, project QAQC and management for Topographic Survey.
<b>03/17 – 04/18</b>	<b>H.004987: US 190 Collins Blvd. Widening, Covington, LA</b> – Sr. Project Manager. Performed data processing, project QAQC and management for Topographic Survey.
<b>03/17 – 10/17</b>	<b>H.010962: I-10 Cable Barrier, Acadia and Jefferson Davis Parishes, LA</b> – Sr. Project Manager. Performed data processing, project QAQC and management for Topographic Survey.
<b>02/16 – 02/17</b>	<b>H.005403: Hooper Road Extension, E. Baton Rouge and Livingston Parishes, LA</b> – Sr. Project Manager. Performed data processing, project QAQC and management for Topographic Survey.
<b>06/15 – 08/15</b>	<b>H.011720: US 90 Drainage Canal Erosion Repair, Terrebonne Parish, LA</b> – Project Manager. Performed data processing, project QAQC and management for Topographic Survey.
<b>05/15 – 11/15</b>	<b>H.011224: US 190 Guardrail/Rutting Rep. (Phase I), Pointe Coupee Parish, LA</b> – Project Manager. Performed data processing, project QAQC and management for Topographic Survey.
<b>04/15 – 04/16</b>	<b>H.011298: US 90 Captain Cade to Ambassador Caffery Frontage Road, Lafayette, LA</b> – Sr. Project Manager. Performed data processing, project QAQC and management for Topographic Survey.
<b>02/15 – 04/16</b>	<b>H.011137 and H.011152: I-12 (LA 21 to US 190) &amp; I-12 (US 190 to LA 59), St. Tammany Parish, LA</b> – Sr. Project Manager. Performed data processing, project QAQC and management for Topographic Survey.

## 16. Staff Experience:

Firm employed by: T. Baker Smith, LLC				
Name	Rene J. Hebert, PLS		Years of relevant experience with this employer	14
Title	Survey Lead Professional		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization			Bachelor of Science / 2008 / Geomatics	
Active registration number / state / expiration date			5070 / Louisiana / 3/31/2022	
Year registered	2011	Discipline	Survey	
Contract role(s) / brief description of responsibilities			Rene Hebert fulfills MPR Nos. 4 and 5 and will serve as Lead Professional for Survey.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
As Survey Lead Professional, Rene has 16 years of project experience. He has served as Principal in Charge of numerous survey projects where he has been responsible for overseeing and executing the technical aspect of surveying projects including producing and revising drawings, sketches, plans, etc. for contract documents and QC/QA of surveying services. He coordinates work among project technicians, field crew coordinator, field survey personnel, and other required professionals working on the project. Mr. Hebert has gained valuable experience surveying the environment of south Louisiana including topographic, boundary and GPR surveys and underwater acoustic hydrographic surveys including multi-beam, single beam, side scan sonar, acoustical soundings, magnetometry and other bathymetric surveys for industrial, government and private clients.				
10/17 – 12/18	MA-17-01, Roddy Road Widening (LA 935 to LA 621), Ascension Parish, LA (Ascension Parish Government) – Survey Lead Professional. Responsible for overseeing topographic surveys, crew coordination, oversight of data processing, deliverable preparation, title take of, property surveys, prepared base and final right of way maps for multiple projects as part of the Move Ascension Project.			
02/18 – 12/18	ENG-17-013, LA 3127 Extension (LA 70 to LA 1), Ascension Parish, LA (Ascension Parish Government) – Survey Lead Professional. Responsible for overseeing topographic surveys, crew coordination, oversight of data processing, deliverable preparation, title take off, property surveys, prepared base and final right of way maps for 30% design and right of way mapping for the extension of LA Hwy 3127 from LA 70 to LA 1 in Ascension Parish, LA. The project is proposed by Ascension Parish as the first phase of a 4-lane divided highway to the south of the City of Donaldsonville, LA.			
12/18 – Ongoing	STPG/BH-Harrison Improvements US190-LA59 – Survey Lead Professional. Responsible for overseeing topographic surveys, crew coordination, oversight of data processing, surface generation for use in existing drainage maps, deliverable preparation, title take off, property surveys, prepared base and final right of way maps for the improvements along Harrison Ave. that includes approximately 13,200 feet of roadway widening along existing alignment including the installation of single lane roundabouts at Marigold Drive and Falconer Drive.			

<b>05/14 – 12/18</b>	<b>S.P. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD)</b> – Survey Lead Professional. Oversaw topographic surveying, property surveys and Right of Way map production including 101 parcels for new 5.5-mile, four-lane SA-3 roadway from LA 435 to Bush, LA.
<b>07/14 - 06/16</b>	<b>DOTD - Retainer Contract No. 4400003473</b> - Principal Surveyor. Oversaw surveying services including Topographic Survey, Title Research Reports, Property Survey, Title Updates, Right-of-Way (R/W) Maps for various project locations.
<b>9/15 - 05/16</b>	<b>SP H.011767.5, SP H.011806.5, SP H.011788.5; FP H011767, FP H011806, FP H011788 DOTD; OSBR Assumption/Iberville/West BR</b> – Supervising Surveyor. Responsible for overseeing crews performing topographic surveys of the existing roadway, bridge and channel for multiple off-system bridge replacement project.
<b>08/15 – 08/18</b>	<b>S.P. No. H.011540, Babin Road Bridge/Bayou Narcisse, Ascension Parish, LA (LADOTD)</b> – Survey Lead Professional. Responsible for overseeing topographic surveys, crew coordination, oversight of data processing, LiDAR processing for surface generation and use in existing drainage maps, deliverable preparation, title take off, property surveys, prepared base and final right of way maps for the off-system bridge replacement project.
<b>01/14 - 05/18</b>	<b>S.P. H.010724, Pecan Island Road Bridge over The Chenal, Pointe Coupee Parish, LA (LADOTD)</b> – Supervising Surveyor. Responsible for overseeing crews performing topographic surveys of the existing roadway, bridge and channel for the off-system bridge replacement project.
<b>07/14 - 04/15</b>	<b>S.P. No. H.001439, Bridges near Grand Isle, LA 1, Lafourche and Jefferson Parishes, LA (LADOTD)</b> – Supervising Surveyor. Supervised property surveys and right of way surveys for the removal of three bridge structures located along LA 1 in Jefferson and Lafourche Parishes near the town of Grand Isle.
<b>01/14 – 06/15</b>	<b>S.P. No. H.009140, LA 1026 at LA 1030 Roundabout, Livingston Parish, LA (LADOTD)</b> – Principal in Charge. Responsible for overseeing property surveys, location of property markers along existing highways, creating base and final right of way maps as well as conducting titlework for the effected properties and generating parcel descriptions for taking areas.

## 16. Staff Experience:

<b>Firm employed by: T. Baker Smith, LLC</b>				
Name	<b>Matthew J. Ledet, PLS</b>		Years of relevant experience with this employer	<b>17</b>
Title	<b>Project Surveyor</b>		Years of relevant experience with other employer(s)	<b>0</b>
Degree(s) / Years / Specialization			<b>Bachelor of Science / 2008 / Manufacturing Engineering Technology Bachelor of Science / 2010 / Geomatics</b>	
Active registration number / state / expiration date			<b>5104 / Louisiana / 9/30/2022</b>	
Year registered	<b>2014</b>	Discipline	<b>Survey</b>	
Contract role(s) / brief description of responsibilities			<b>Matt Ledet fulfills MRPs No. 4 and 5 and will serve as a Project Surveyor.</b>	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
<p>Matt Ledet provides supervision, oversight, and technical support to the survey supervisor by calculating, analyzing, organizing, coordinating, and researching information, preparing drawings, and generally providing the necessary CAD support to complete the survey effort. He also prepares field survey packs for survey crews and is very familiar with LADOTD survey requirements for topographic surveys and right-of-way mapping. He has extensive field experience and is extremely knowledgeable of the latest surveying technology. His engineering background makes him valuable to projects in the field and in the office. Matt has either led the survey effort or has served on the survey team for many LADOTD projects, including TBS’ recent off-system bridge replacements, surveying retainer contracts, and roadway retainer contracts. He is familiar with providing surveys in accordance with LADOTD procedures, including Microstation and InRoads.</p>				
<b>04/14 – 12/18</b>	<b>S.P. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD) – Surveyor of Record.</b> Field crew coordination, data processing and oversight of field crew coordination, data processing for topographic surveys, SUE locates and property surveys. Prepared base and final right of way maps including 101 parcels for the 5.5 mile, 4 lane roadway.			
<b>10/17 – 12/20</b>	<b>MA-17-01, Roddy Road Widening (LA 935 to LA 621), Ascension Parish, LA (Ascension Parish Government) – Project Surveyor/ Surveyor of Record.</b> Responsible for crew coordination, oversight of data processing, deliverable preparation, title take off, property surveys, prepared base and final right of way maps including 68 parcels for the 1.5 mile road widening project.			
<b>06/14 – 07/15</b>	<b>S.P. No. H.011289, LA 70 Bypass (Detour Route), LA 70, Assumption Parish, LA (LADOTD) – Project Surveyor/Project Manager.</b> Responsible for Property surveys, location of property markers for properties crossed along proposed route, creating base right of way maps for the proposed route. Responsible for topographic surveys, crew coordination, oversight of data processing.			
<b>2016 - Ongoing</b>	<b>SP H.013116, LA 20 Widening (LA 307 to S. Vacherie), St. James and Lafourche Parishes, LA (LADOTD) – Project Surveyor.</b> Performed topographic surveys for the widening of 2.7 miles of LA 20 to add shoulders. Responsible for property surveys, crew coordination, oversight of data processing.			

<b>02/18 – 12/18</b>	<b>ENG-17-013, LA 3127 Extension (LA 70 to LA 1), Ascension Parish, LA (Ascension Parish Government)</b> – Project Surveyor. Responsible for topographic surveys, crew coordination, oversight of data processing, deliverable preparation, title take off, title research reports, property surveys, prepared base right of way maps including 12 parcels for the 6.8 mile roadway extension project.
<b>12/18 - Ongoing</b>	<b>STPG/BH-Harrison Improvements US190-LA59</b> – Project Manager/Surveyor of record. Responsible for topographic surveys, crew coordination, data processing, surface generation for use in existing drainage maps, deliverable preparation, title take off, property surveys, prepared base and final right of way maps for the improvements that includes approximately 13,200 feet of roadway widening.
<b>01/14 – 06/15</b>	<b>S.P. No. H.009140, LA 1026 at LA 1030 Roundabout, Livingston Parish, LA (LADOTD)</b> – Project Manager/Surveyor of record. Responsible for property surveys, location of property markers along existing highways, creating base and final right of way maps as well as conducting title work for the effected properties and generating parcel descriptions for taking areas.
<b>04/05 – 03/07</b>	<b>S.P. 246-01-0054, Route LA 57: Grand Caillou Road, Terrebonne Parish, LA (LADOTD)</b> – Survey Support. Assisted with calculating 35 parcels on right-of-way maps, topographic survey; boundary survey for two-mile, four-lane UA-2 roadway widening project.
<b>02/11 – 01/13</b>	<b>S.P. 713-29-0103, Tiger Drive Bridge over Bayou Lafourche, Lafourche Parish, LA (LADOTD)</b> – Survey Support. Performed topographic and right-of-way surveys, prepared base and final right of way maps for the off-system bridge replacement project.
<b>08/15 – 08/18</b>	<b>S.P. No. H.011540, Babin Road Bridge/Bayou Narcisse, Ascension Parish, LA (LADOTD)</b> – Project Surveyor/Surveyor of Record. Responsible for topographic surveys, crew coordination, oversight of data processing, LiDAR processing for surface generation and use in existing drainage maps, deliverable preparation, title take off, property surveys, prepared base and final right of way maps for the off-system bridge replacement project.
<b>11/17 - 12/18</b>	<b>S.P. No. H.006457, Parker Road and PR 929 Roundabout, Ascension Parish, LA (Ascension Parish Government/LADOTD)</b> – Project Surveyor. Responsible for topographic surveys, crew coordination, oversight of data processing, deliverable preparation, title take off, property surveys, prepared base right of way maps including 18 parcels for the roundabout project.
<b>11/17 – 12/20</b>	<b>MA-17-02, Roddy Road Widening (US 61 to LA 935), Ascension Parish, LA (Ascension Parish Government)</b> – Project Surveyor/Surveyor of Record. Responsible for topographic surveys, crew coordination, oversight of data processing, deliverable preparation, title takeoff, property surveys, prepared base and final right of way maps including 57 parcels for the 1.5 mile road widening project.
<b>08/18 – 12/18</b>	<b>MA-18-10, LA 931 and Roddy Road Roundabout Ascension Parish, LA (Ascension Parish Government)</b> – Project Surveyor/Surveyor of Record. Responsible for topographic surveys, crew coordination, oversight of data processing, deliverable preparation, title take off, property surveys, prepared base right of way maps including 22 parcels for the roundabout project.

## 16. Staff Experience:

Firm employed by Vectura Consulting Services, LLC				
Name	Sheelagh Brin Ferlito, PE, PTOE		Years of relevant experience with this employer	6
Title	Supervisor		Years of relevant experience with other employer(s)	27
Degree(s) / Years / Specialization			B.S. / 1988/ Civil Engineering	
Active registration number / state / expiration date			PE.0025383 / LA / 9/30/2023	
Year registered	1993	Discipline	Civil	
Contract role(s) / brief description of responsibilities			Principal in Charge of Traffic Signal Design	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
07/19 – current	<b>H.004791 DOTD Belle Chasse Bridge &amp; Tunnel Replacement PPP (Belle Chasse, LA)</b> Brin is the project manager for the <b>temporary and permanent traffic signal plans</b> for the intersections of LA 23 at Burmaster St and at Engineers Rd. She based her traffic signal plans on design year volumes that were developed using growth rates from the New Orleans Regional Planning Commission Travel Demand Model. This project is the first ever Public-Private-Partnership performed by Louisiana DOTD.			
04/18 – current	<b>H.011909.5-4 Roundabout: US 171 at Boone St. (Vernon Parish)</b> Brin reviewed 60% Preliminary Signing and Striping Plans and developed documented comments based on DOTD Road Design Manual, DOTD Standard Details and MUTCD. She is also the project manager for the design of <b>temporary traffic signal plans</b> that will be implemented during the roundabout construction at the intersection of US 171 at Boone Street in Leesville, LA. She coordinated access management issues using aerials, aged traffic volumes and Synchro.			
09/20 – Current	<b>H.010960.5 LA 30 Roundabouts at Tanger I-10 (Ascension Parish)</b> Brin is the project manager for the design of <b>temporary traffic signal plans</b> that will be implemented during the roundabout construction along LA 30 in Gonzales, LA. The project involves replacing three existing signalized intersections with multilane roundabouts along LA 30 at I-10 Interchange ramps and at the Tanger Boulevard. Vectura also developed signal timing plans for each phase of the construction to maintain progression along LA 30.			
07/18 – 04/19	<b>LA 1 Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Design West Baton Rouge Parish (Addis, LA)</b> Brin developed a Pedestrian Crosswalk Study and <b>Traffic Signal Construction Plans</b> 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	<b>US 11 at US 190 Bus. (Fremaux Ave.) Pedestrian Crosswalk Study and Traffic / Pedestrian Signal Equipment Design Slidell, LA</b> Brin developed a formal traffic study for a proposed crosswalk with pedestrian traffic signal equipment and pedestrian clearance timings based on DOTD requirements. Brin assisted with vehicle and pedestrian data collection, analyzed 3-year intersection crash data and <b>developed signal timing for pedestrians</b> to cross the street.			

02/08 – 04/16	<b>CE&amp;I for EBR Traffic Signal Systems Phase IV and Phase VA Construction SPN 013-05-0043 and H.001609.6 Baton Rouge, LA (Project Resident Engineer)</b> Brin was the project resident engineer for the construction of <b>66 traffic signals</b> in Baton Rouge. She maintained records of the contractor's daily operations and recorded significant events that affected construction progress. She coordinated included all utility issues, shop drawing submittal review, schedule review, monthly progress meetings, daily installed quantities, concrete sampling for DOTD materials lab, change orders and monthly contractor pay estimates. She also coordinated with DOTD ITS division for fiber splicing into interstate fiber backbone and ATM / EOC building. Daily logs, quantities, change orders, pay estimates were recorded in DOTD Site Manager.
04/14 – 12/14	<b>H.002301 Signal Design for N. Sherwood Forest Dr. Widening Project, Baton Rouge, LA, (Project Engineer)</b> Brin <b>designed three signalized intersections</b> as part of a road widening project as per EBR DPW and DOTD requirements. Ms. Ferlito developed the traffic signal equipment, signal timing and communication construction plans, special provision specifications, quantities, and cost estimate. She also performed tasks to develop the striping plans and sequence of construction plans which included temporary signal equipment placement due to lane shifts during construction.
09/13 – 04/14	<b>S.P. 700-99-0477 Jefferson Hwy. Signal Design, Baton Rouge, LA</b> Ms. Ferlito <b>designed traffic signal plans for 11 intersections</b> along Jefferson Highway between College Drive and the I-12 On Ramp in Baton Rouge. Design included traffic signal layout, fiber interconnect layout, fiber splicing diagrams, pedestrian crosswalk layout, and sign layout. Design also included traffic signal synchronization signal timing and pedestrian signal timing. She prepared estimated quantities, preliminary and final signal construction plans and specifications.
03/05 – 11/05	<b>Airline Hwy Widening SPN 700-99-0332 Baton Rouge, LA</b> Brin <b>designed 8 traffic signals</b> as part of the Airline Hwy. widening project in Baton Rouge. Her design included traffic signal equipment, signal synchronization timing, fiber communication, storage length calculations based on queues analyses, special provision specifications, quantities, and cost estimate. This project included fiber design to be the first Baton Rouge project to connect video surveillance images and traffic controller information to the ATM/EOC.
02/03 – 01/04	<b>EBR Traffic Signal Systems Phases IV and V SPN 700-17-0172 Baton Rouge, LA (Project Engineer)</b> Brin was the project engineer for the <b>design of 66 signalized intersections</b> on eight arterials in Baton Rouge which included traffic signal equipment, pedestrian crosswalk equipment, emergency vehicle and railroad preemption equipment, fiber interconnect equipment as well as traffic signal synchronization. Brin prepared traffic signal construction plans, estimated quantities, and specifications.

# 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	6
Title	Supervisor		Years of relevant experience with other employer(s)	18
Degree(s) / Years / Specialization			B.S./1997/Civil Engr. M.S./2006/Civil Engr. (Transportation focus) M.B.A./2010	
Active registration number / state / expiration date			PE.0029901 / LA / 3/31/2022	
Year registered	2001	Discipline	Civil	
Contract role(s) / brief description of responsibilities			Qualtiy Control of Traffic Signal Design	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
04/18 - Current	<b>H.010960.5 LA 30 Roundabouts at Tanger &amp; I-10 Gonzales (Ascension, LA)</b> Laurence provided a Quality Control review of the <b>temporary construction and sequence of construction plans</b> . Vectura also provided Quality Control review of <b>signing and striping plans</b> at 30% and 60% plan sets to ensure the <b>roundabouts</b> conformed to the Pavement Markings Details Sheet PM-09 and the Manual on Uniform Traffic Control Devices (MUTCD) details on roundabouts.			
02/21 - 03/21	<b>H.013256.5 I-10 ITS Scott to Lake Charles (Southwest Louisiana)</b> Laurence was the lead traffic engineer for a Level 2 <b>Traffic Management Plan</b> (TMP) for the construction of ITS equipment along I-10. The plan included a safety strategy that included a CAT Scan, LOS determination utilizing Citrix data, lane closure recommendations based on a queue analysis and public information strategies.			
10/17 - 10/18	<b>H.013025 LA 182 (University Avenue) Corridor Planning Study (Lafayette, LA)</b> Laurence was the lead transportation engineer for a <b>Corridor Planning Study</b> for LA 182. The scope focused on improving safety and mobility for pedestrian, bicycle, and transit users. Laurence collected AM & PM peak vehicle turning movement counts as well as pedestrian and bicycle counts. Laurence coordinated with the Acadiana Planning Commission to <b>develop growth rates and design year volumes</b> . Laurence then performed Highway Capacity Manual analysis for 5 intersections along the intersection analyses for the signalized and roundabout controlled alternatives. Included in the study was a <b>safety analyses</b> of five intersections and the intermediate segments. Based on the results of the safety analysis, Laurence provided design criteria to the design team for improving safety of pedestrians, bicycles, and vehicles.			
02/17 - 10/17	<b>STPN 17-023 Stage 0 Judge Tanner Boulevard at N. Causeway Roundabout Study (St. Tammany Parish, LA)</b> Laurence developed a <b>Stage 0</b> Feasibility Study for roundabouts at 4 intersections in Mandeville area. Laurence, along with Brin, collected 7-day, 24-hour counts w/ classification on mainlines, turning movement counts for peak periods and speed data for mainlines. Laurence coordinated with the New Orleans Regional Planning Commission to develop growth rates and design year volumes from the TransCAD model. He performed traffic signal warrants analyses, performed a Sidra unsignalized, signalized and roundabout analyses.			
06/16 - 09/17	<b>H.004490 Stage 0 Roundabout Studies, (Lafayette Parish, LA)</b> Laurence performed a <b>Stage 0 Feasibility Study</b> for roundabouts at ten intersections in the Lafayette area. The scope was developed based on EDSMs VI.1.1.1 / VI.1.1.5 and DOTD Traffic Engineering Manual Section 20.2. Laurence, along with Brin, <b>collected 7-day, 24-hour counts w/ classification, turning movement counts for peak periods and speed data for mainlines</b> . Once the traffic data was collected, Laurence performed <b>traffic signal warrants analyses</b> , performed a Sidra unsignalized, signalized and roundabout analyses. After the analyses were completed, Laurence developed a report that captured the results.			

09/06-09-07	<b>EBR 06-CS-HC-00012 Downtown Baton Rouge Signal Project, (Baton Rouge, LA)</b> Laurence was the Project Manager to develop construction plans to upgrade 29 signals in downtown Baton Rouge as part of the EBR Green Light Plan. <b>He coordinated numerous utility conflicts during construction</b> since current utility plans were not readily available in an old part of town. He made several signal pole foundation location adjustments based on numerous field visits with utility companies.
-------------	---

## 16. Staff Experience:

Firm employed by Vectura Consulting Services, LLC			
Name	Prasanth Malisetty, PE, PTOE, PTP, RSP1		Years of relevant experience with this employer
Title	Project Traffic Engineer/Project Manager		Years of relevant experience with other employer(s)
Degree(s) / Years / Specialization	B.E. / 2003/ Civil Engineering; M.S. / 2004/ Civil Engineering		
Active registration number / state / expiration date	PE.0035792 / LA / 3/31/2023		
Year registered	2010	Discipline	Civil
Contract role(s) / brief description of responsibilities	Project Manager of Traffic Signal Design		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
11/20 - current	<b>H.011909.5 Roundabout: US 171 at Boone St, Leesville, LA</b> Prasanth was the <b>lead designer of temporary traffic signal plans</b> as part of the sequence of construction plan for a roundabout construction at the intersection of US 171 at Boone Street in Leesville, LA. Prasanth developed a detailed study of sequence of construction plans to determine the optimal traffic signal operation and required traffic signal equipment for each sequence of construction phase. Prasanth developed multiple traffic signal timing plans by time of day for each sequence of construction phase to maintain progression along main corridor, as well as, developed temporary signal plans including pole and span wire layout, signs, striping, power source, signal timings by time of day, vehicle detection, signal head placement, wiring diagram, pole height calculations, clearance calculations, quantities, construction cost estimate.		
12/18 – 7/20	<b>H.002297 LA 37 Sullivan Road to Liberty Road, Baton Rouge, LA.</b> Prasanth was the project manager to develop feasible roadway improvement that will improve operation and increase safety along the LA 37 corridor. The project included <b>data collection, development of growth rates, existing and future traffic analyses</b> . Prasanth was responsible for traffic forecasting for no-build and future alternatives using the CRPC travel demand models. Also, performed the <b>existing and future traffic analysis</b> and propose potential alternatives to mitigate existing deficiencies.		
10/16-12/18	<b>H.012685 LA 385 Ryan Street Feasibility Study, Lake Charles, LA.</b> Prasanth was the project engineer responsible for <b>developing feasible alternatives</b> to preserve / enhance mobility and safety along the corridor. The 1.8-mile corridor study area includes 22 intersections and 133 driveways. The project included <b>data collection</b> , safety / crash review, traffic forecasting, developing alternatives, analysis of existing and proposed conditions and benefit / cost analysis. The future year traffic for the proposed roadway alternatives was forecasted utilizing IMCAL travel demand model.		
09/10 – 2/12	<b>S.P. No. 700-99-0447 US 190 Superstreet Study, Covington, LA.</b> Prasanth was the project engineer responsible for performing corridor study and develop solutions to improve mobility along the corridor. The alternatives analyses included R-CUT and signalized intersection using Synchro and SimTraffic. Responsible for <b>data collection</b> , travel time runs and intersection analysis.		
12/18 – 7/20	<b>H.012018 LCG Adaptive Traffic Signal System, Lafayette, LA.</b> The project was to develop an Adaptive Traffic Signal network for the Lafayette Consolidated Government, which involved upgrading 190 traffic signal controllers. In addition, 79 traffic signals will be upgraded to become adaptive traffic signals. This will be the largest adaptive traffic signal system installed within the state of Louisiana. Prasanth was the project engineer responsible for overseeing field inspection and <b>develop signal design plans</b>		

8/10 – 2/18	<p><b>LADOTD Traffic Engineering Contracts – Statewide, LA  Project Engineer.</b> As a project engineer for numerous task orders for Signal Timing Studies and Designs, Prasanth was responsible for coordinating <b>data collection tasks, intersection analysis, crash analysis</b>, developing coordinated signal timing plans and field implementation / fine tuning along 27 corridors throughout statewide which involved 264 intersections. Following are the list of corridors:</p> <ul style="list-style-type: none"> <li>• District 04; LA 1, LA 526 &amp; US 171, Shreveport, LA; LA 3, LA 3105 &amp; LA 72, Bossier, LA – 110 intersections, 7 corridors</li> <li>• District 02; LA 3040 &amp; LA 57, Houma, LA; LA 20, Thibodaux, LA; US 61, New Orleans, LA – 44 intersections, 4 corridors</li> <li>• District 62; US 11, Slidell, LA; LA 19, Baker, LA; LA 44, Gonzales, LA; LA 3124 &amp; LA 60, Bogalusa, LA; LA 10 Franklinton, LA; LA 16, Amite, LA; LA 38, Kentwood, LA; LA 25, Folsom, LA – 68 intersections, 9 corridors</li> <li>• District 58; US 425, Vidalia &amp; Ferriday, LA – 11 intersections, 2 corridors</li> <li>• District 08; LA 1208-03, US 71 &amp; LA 28 – 21 intersections, 3 corridors</li> </ul> <p>District 07; US 190 &amp; US 171, DeRidder, LA – 10 intersections, 2 corridors</p>
-------------	---

# 16. Staff Experience:

Firm employed by: A P S Engineering and Testing					
Name		Sergio Aviles, P.E.		Years of experience with this firm/employer	9
Title		PRESIDENT		Years of experience with other firm(s)/employer(s)	10
Degree(s) / Years / Specialization			BS Civil Engineering/2001/Geotechnical		
Active registration number / state / expiration date			0033571/ LA / 03-31-2022		
Year registered	2007	Discipline	Civil		
Contract role(s) / brief description of responsibilities			Project Manager/Design guidance/Field Crew and lab management		
Experience dates (mm/yy–mm/yy)		Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
09/19-06/20		Project No. H.004100: I-10 Widening LA 415 to Essen LN- A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 52 deep borings starting at the Washington Exit and ending at the LSU lakes. Along with this drillingand sampling APS will also test for strength and engineering characteristics of the soils with. A total of eight (8) over the waterborings and 44 land borings with approximate 1000 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits. Mr. Aviles was the project manager to the Geotechnical Investigations.			
08/16-10/19		Project No. H.012422: I-10/I-110 Interchange Modification at Terrace Ave- A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of six (6) deep borings for the design of the Terrace Ave exit. APS tested for strength and engineering characteristics of the soils with approximate 100 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits by A P S Laboratory. Mr. Aviles was the project manager to the Geotechnical Investigations.			
11/17-2/18		Project No. H.013193 US 61 Thompson Creek Bridge Replacement- A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of eight (8) deep borings for the replacement bridge at US 61 over Thompson Creek. APS tested for strength and engineering characteristics of the soils. Mr. Aviles was the project manager to the Geotechnical Investigations.			
11/17-2/18		Project No. H.002273, H.000710, and H.001352 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge LA 67 and LA 19- A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 12 deep borings for the new and replacement bridges at Highway 19, 67, and 964. APS tested for strength and engineering characteristics of the soils. Mr. Aviles was the project manager to the Geotechnical Investigations.			

11/19-Present	<b>Project No. H.001352 and H.002273 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge LA 67 and LA 19-</b> A P S was selected with the winning team for the design of the diversion CMAR project. A P S will be the Geotechnical designers for the project. Mr. Aviles is the project manager for the project design team. No TO issue as of today.
03/19-05/19	<b>Project No. H.001344 US 190 over Bogue Falaya River-</b> A P S was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for the foundation recommendation. Mr. Aviles is the project manager for the project design team.
12/19-3/20	<b>Project No. H.010155 US 90 Railroad Overpass SE of LA 85-</b> A P S was selected with the winning team for the Geotechnical Investigation and Design for the proposed new overpass. A total of six (6) deep borings were drilled and tested for Geotechnical recommendation. Mr. Aviles is the project manager for the project design team.
02/17-10/17	<b>Project No. H.002861 Earhart Expressway/Causeway Boulevard:</b> APS was tasked with developing the LRFD factors for both existing structures and the new elevated sections to connect to Causeway Blvd. Per the task order APS drill and tested 85 borings to 120 feet near the proposed and existing structures. APS engineering staff provides designer with pile tip elevations for five elevated ramps to connect Earhart to Causeway Blvd. Provided boring logs, information on site conditions, site preparation recommendations, and load- length curves. Mr. Aviles is the project manager to the Geotechnical investigations and analysis assigned to help calculating the resistance factors.
07/14-08/14	<b>Project No. 700-51-0110: US 90 elevated portion for the future I-49 corridor.</b> APS performed all the preliminary drilling, testing, and CPT for US 90 and Highway 318 Intersection. A total of 46 boring and 11 CPT along with all the testing required by LADOTD. Mr. Aviles was the project manager to the Geotechnical investigations and analysis as assigned for roads and bridges design.

### 16. Staff Experience:

Firm employed by: A P S Engineering and Testing				
Name	Sairam Eddanapudi, M.E., P.E.		Years of experience with this firm/employer	9
Title	CHIEF ENGINEER		Years of experience with other firm(s)/employer(s)	8
Degree(s) / Years / Specialization		ME, Civil Engineering, Lamar University, Dec. 2002 BE, Civil Engineering, Sri Venkateswara University, India Aug. 1999		
Active registration number / state / expiration date		0035129/ LA / 03-31-2022		
Year registered	2008	Discipline	Civil	
Contract role(s) / brief description of responsibilities		<b>Laboratory QA Manager- Will be in charge all daily operation of the project/QA/Design Engineer</b>		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
	<b>PROJECT NAME: Location, ST. Role on Project:</b> Description of role			
09/19-Present	<b>Project No. H.004100: I-10 Widening LA 415 to Essen LN-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 52 deep borings starting at the Washington Exit and ending at the LSU lakes. Along with this drilling and sampling APS will also test for strength and engineering characteristics of the soils with. A total of eight (8) over the waterborings and 44 land borings with approximate 1000 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits. Mr. Sai was the project QA to the Geotechnical Investigations.			
08/16-10/19	<b>Project No. H.012422: I-110 Interchange Modification at Terrace Ave-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of six (6) deep borings for the design of the Terrace Ave exit. APS tested for strength and engineering characteristics of the soils with approximate 100 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits by A P S Laboratory. Mr. Sai was QA to the Geotechnical Investigations.			
11/17-2/18	<b>Project No. H.013193: US 61 Thompson Creek Bridge Replacement-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of eight (8) deep borings for the replacement bridge at US 61 over Thompson Creek. APS tested for strength and engineering characteristics of the soils. Mr. Sai was QA to the Geotechnical Investigations.			
11/17-2/18	<b>Project No. H.002273, H.000710, and H.001352 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge LA 67 and LA 19:</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 12 deep borings for the new and replacement bridges at Highway 19, 67, and 964. APS tested for strength and engineering characteristics of the soils. Mr. Sai QA to the Geotechnical Investigations.			

11/19-Present	<b>Project No. H.001352 and H.002273: Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge LA 67 and LA 19-</b> A P S was selected with the winning team for the design of the diversion CMAR project. A P S will be the Geotechnical designers for the project. Mr. Sai is the Senior Design Engineer for the project design team. No TO issue as of today
03/19-05/19	<b>Project No. H.001344: US 190 over Bogue Falaya River-</b> A P S was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for the foundation recommendation. Mr. Sai is the Senior Design Engineer for the project design.

## 16. Staff Experience:

Firm employed by: A P S Engineering and Testing				
Name	Mr. Surendra Raj Pathak, M.S., P.E.		Years of experience with this firm/employer	5
Title	STAFF ENGINEER		Years of experience with other firm(s)/employer(s)	10
Degree(s) / Years / Specialization		MSCE (Master of Science in Civil Engineering), Mississippi State University, Starkville, Mississippi, 2013 M. Sc. Master of Science in Civil Engineering, Norwegian University of Science and Technology, Trondheim, Norway, 2007 B.E. (Civil Engineering), Madan Mohan Malaviya University of Technology, India, 1998		
Active registration number / state / expiration date		0043487/ LA / 09-31-2021		
Year registered	2019	Discipline	Civil	
Contract role(s) / brief description of responsibilities		Staff Engineer-Review field logs, lab data, and Design Engineer		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
09/19-Present	<b>Project No. H.004100: I-10 Widening LA 415 to Essen LN-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 52 deep borings starting at the Washington Exit and ending at the LSU lakes. Along with this drilling and sampling APS will also test for strength and engineering characteristics of the soils with. A total of eight (8) over the water borings and 44 land borings with approximate 1000 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits. Mr. Surendra was the project QC to the Geotechnical Investigations.			
08/16-10/19	<b>Project No. H.012422: I-110 Interchange Modification at Terrace Ave-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of six (6) deep borings for the design of the Terrace Ave exit. APS tested for strength and engineering characteristics of the soils with approximate 100 Triaxial Compression, Unconsolidated Drained Or Undrained (UU) and Atterberg Limits by A P S Laboratory. Mr. Surendra was QC to the Geotechnical Investigations.			
11/17-2/18	<b>Project No. H.013193: US 61 Thompson Creek Bridge Replacement-</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of eight (8) deep borings for the replacement bridge at US 61 over Thompson Creek. APS tested for strength and engineering characteristics of the soils. Mr. Surendra was QC to the Geotechnical Investigations.			

11/17-2/18	<b>Project No. H.002273, H.000710, and H.001352 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge LA 67 and LA 19:</b> A P S was tasked thru our DOTD geotechnical retainer to drill and sample a total of 12 deep borings for the new and replacement bridges at Highway 19, 67, and 964. APS tested for strength and engineering characteristics of the soils. Mr. Surendra was QC to the Geotechnical Investigations.
11/19-Present	<b>Project No. H.001352 and H.002273: Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge LA 67 and LA 19-</b> A P S was selected with the winning team for the design of the diversion CMAR project. A P S will be the Geotechnical designers for the project. Mr. Surendra is a design Engineer for the project design team.
03/19-05/19	<b>Project No. H.001344: US 190 over Bogue Falaya River-</b> A P S was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for the foundation recommendation. Mr. Surendra is a design Engineer for the project design team.
12/19-3/20	<b>Project No. H.010155: US 90 Railroad Overpass SE of LA 85-</b> A P S was selected with the winning team for the Geotechnical Investigation and Design for the proposed new overpass. A total of six (6) deep borings were drilled and tested for Geotechnical recommendation. Mr. Surendra is a design Engineer for the project design team.

## 17. Firm Experience:

Firm name	Shread Kuyrkendall & Associates, Inc		Past Performance Evaluation Disciplines *	Road
Project name	Hooper Rd Roundabout at Sullivan Rd (LA 408 at LA 3034)		Firm responsibility (prime or sub?)	Prime
Project number	H.011923	Owner's name	DOTD	
Project location	East Baton Rouge Parish		Owner's Project Manager	Mr. Jacob Fusilier, P.E.
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804 / 225-379-1100 / <a href="mailto:jacob.fusilier@la.gov">jacob.fusilier@la.gov</a>			
Services commenced by this firm (mm/yy)	06/17	Total consultant contract cost (\$1,000's)	70	
Services completed by this firm (mm/yy)	01/21	Cost of consultant services provided by this firm (\$1,000's)	70	

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

\* If there is more than one past performance evaluation category included in the advertisement, then indicate which past performance evaluation category(ies) this project is being used to represent.

Shread-Kuyrkendall, & Associates, Inc. was tasked with providing preliminary and final plans to design and implement a **multi-lane roundabout** with right turn slip lanes at the intersection at Hooper Rd (LA 408) at Sullivan Road (LA 3034) in Central, LA. The **roundabout** is being designed in conjunction with planned improvements to both Hooper and Sullivan Roads to improve safety and operation of the intersection.

Prior to entering into the Final Plan stage, SKA was also tasked to provide multiple **roundabout** layouts which would take into consideration that the widening project to the south (Sullivan Road) had already acquired right-of-way and the design was to remain within these acquired limits. Adding to the challenge, SKA was tasked to provide all of these alternatives while avoiding impacting a building located at the northeast quadrant of the intersection which is eligible to be listed on the register of historic places in addition to minimizing impacts to adjacent business, schools, and monuments.

Right turn slip lanes were included at two approaches due to heavy right turn movements. Offset left approach was implemented as the preferred approach to each leg. Cross walks, splitter islands with curb cuts and sidewalks were also added and DOTD's Complete Streets Policy was followed for all alternatives. *(This project is currently on hold)*

### Firm Members Involved:

Ripley "Gary" W. McClure, P.E. (Supervising Engineer)

John P. Raymond, P.E. (Project Engineer)



**Multilane Roundabout Concept at Hooper Road (LA 408) and Sullivan Road (LA 3034) Environmental Concern: Avoid impacting building on National Register of Historic Places**

## 17. Firm Experience:

Firm name	Shread Kuyrkendall & Associates, Inc			Past Performance Evaluation Disciplines *		Road	
Project name	LA 531 Overpass				Firm responsibility (prime or sub?)		Prime
Project number	H.001799		Owner's name	DOTD			
Project location	Webster Parish				Owner's Project Manager		Mr. Jacob Fusilier, P.E
Owner's address, phone, email		P.O. Box 94245, Baton Rouge, LA 70804 / 225-379-1100 / <a href="mailto:jacob.fusilier@la.gov">jacob.fusilier@la.gov</a>					
Services commenced by this firm (mm/yy)			06/18	Total consultant contract cost (\$1,000's)			328
Services completed by this firm (mm/yy)			09/21	Cost of consultant services provided by this firm (\$1,000's)			328

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

\* If there is more than one past performance evaluation category included in the advertisement, then indicate which past performance evaluation category(ies) this project is being used to represent.

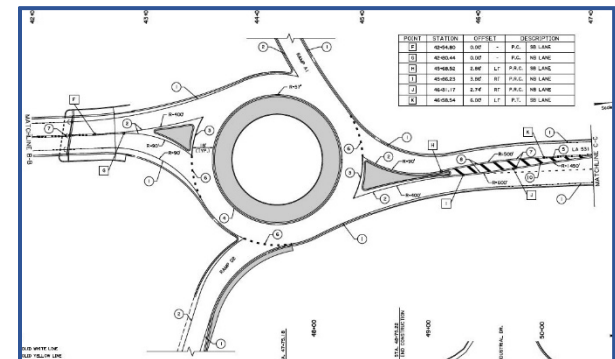
SKA is in the Final Plans stage for the reconfiguration of the Interchange at I-20 @ LA 531 in Webster Parish, LA. The project involves removing the conventional interchange and replacing it with **dual roundabouts** at the ramp termini where they intersect LA 531. SKA is providing full road design services and is working with the LADOTD Bridge Design section for the replacement of the old bridge that spans I-20. Ramp approaches are being modified to accommodate offset left approaches to the **roundabouts** as well as the LA 531 approaches.

Unique challenges for this project involve maintaining an acceptable vertical alignment at the approaches due to the rolling terrain, maintaining vertical clearance on I-20 under the new bridge, and maintaining drainage on a planned single slope plane **roundabout** for the north approach, as was necessary to maintain sight distances at this approach. Offset left approaches are implemented at all approaches as required and were a challenge considering the footprint available for placement of **roundabout** and the desire to minimize ROW takings.

### Firm Members Involved:

Ripley "Gary" W. McClure, P.E. (Supervising Engineer)

John P. Raymond, P.E. (Project Engineer)



### LA 531 @ I-20:

Dual Roundabout Interchange with Bridge Replacement and MSE Wall

## 17. Firm Experience:

<b>Firm name</b>	<b>Shread Kuyrkendall &amp; Associates, Inc</b>		<b>Past Performance Evaluation Disciplines*</b>	Survey, Road, Bridge
<b>Project name</b>	<b>LA 3241 (La 36 to LA 435))</b>		<b>Firm responsibility (prime or sub?)</b>	Prime
<b>Project number</b>	H.004435	<b>Owner's name</b>	DOTD	
<b>Project location</b>	St. Tammany Parish		<b>Owner's Project Manager</b>	Mr. Joe Umeozulu, P.E
<b>Owner's address, phone, email</b>	P.O. Box 94245, Baton Rouge, LA 70804 / 225-379-1388 / Joachim.umeozulu@la.gov			
<b>Services commenced by this firm (mm/yy)</b>	04/14	<b>Total consultant contract cost (\$1,000's)</b>		3,210
<b>Services completed by this firm (mm/yy)</b>	Ongoing	<b>Cost of consultant services provided by this firm (\$1,000's)</b>		2,142

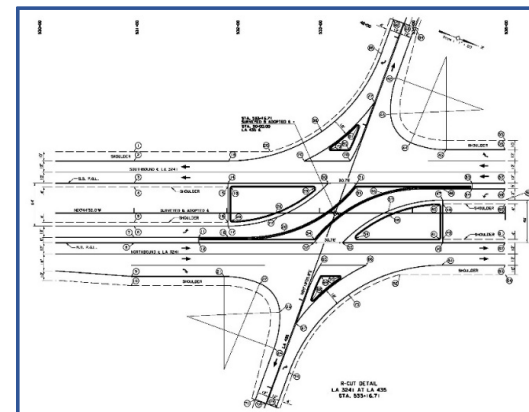
Describe the project including the firm's role and members involved. (Highlight members to be used in this proposal.)

\* If there is more than one past performance evaluation category included in the advertisement, then indicate which past performance evaluation category(ies) this project is being used to represent.

Shread-Kuyrkendall & Associates (SKA) provided topographic services, preliminary and final roadway and bridge design services for LA 3241 a new four-lane divided Rural Arterial Roadway proposed to be constructed in St. Tammany Parish, Louisiana. The overall project corridor is nearly 20 miles and is being built to connect Interstate 12 to the southern terminus of LA 21 in Bush, LA. This segment is approximately 8.1 miles is classified entirely as Rural Arterial. This entire section of LA 3241 will be designated as Control of Access with the exception of the last 3500' at the intersection of LA 3241 @ LA 435 in Talisheek, Louisiana. Two new bridges (4 structures total) will be built for this project to span Bayou Lacombe at two different locations, each approximately 500' long, with Type III Girder Spans. The existing topography is heavily wooded and very flat with high percentage of wetland. 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. 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. Left turns are prohibited and implementation of these intersection reduces the conflict point to provide a safer intersection.

### *Firm Members Involved:*

Ripley "Gary" W. McClure, P.E. (Supervising Engineer /  
Lead Bridge Engineer) John P. Raymond, P.E. (Project  
Manager / Lead Road Design Engineer)  
Niccola D. Gill, P.E. (Bridge Design Engineer)



**Restricted Crossing U-Turn (RCUT) intersections were Implemented at all major intersection to improve safety of this limited access high-speed Rural Arterial**

## 17. Firm Experience:

<b>Firm name</b>	<b>Shread Kuyrkendall &amp; Associates, Inc</b>		<b>Past Performance Evaluation Disciplines *</b>	Survey, Road, Bridge
<b>Project name</b>	<b>I-10 (LA 73- LA 30)</b>		<b>Firm responsibility (prime or sub?)</b>	Prime
<b>Project number</b>	H.009266	<b>Owner's name</b>	DOTD	
<b>Project location</b>	Ascension Parish		<b>Owner's Project Manager</b>	Mrs. Peggy Jo Paine, P.E
<b>Owner's address, phone, email</b>	P.O. Box 94245, Baton Rouge, LA 70804 / 225-379-1065 / peggy.paine@la.gov			
<b>Services commenced by this firm (mm/yy)</b>	10/12	<b>Total consultant contract cost (\$1,000's)</b>		2,744
<b>Services completed by this firm (mm/yy)</b>	Ongoing	<b>Cost of consultant services provided by this firm (\$1,000's)</b>		1,733

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

\* If there is more than one past performance evaluation category included in the advertisement, then indicate which past performance evaluation category(ies) this project is being used to represent.

SKA was contracted to provide topographic survey services and preliminary and final roadway and bridge design services to widen I-10 from a four-lane freeway section to a six-lane freeway section. The roadway section is approximately 4.5 miles long and involves removing the inside shoulder and widening to the inside with a new 12' travel lane and 10' inside shoulder, with center barrier rail where median widths are narrow. The bridge design services include the bridge superstructure replacement of the overpasses at LA 429 and LA 30, as well as the bridges at Bayou Smith, and full replacement (substructure and superstructure) for the LA 73 interchange to accommodate for future LA 73 improvements. The overall project corridor is nearly 16 miles and is being built to widen interstate 10 from Highland Road to LA 22 in East Baton Rouge and Ascension Parishes. SKA is providing project management, as well as design services for all phases of this project, and is working closely with CDCs of adjacent project to ensure corridor continuity. In addition, at the request of LADOTD, SKA has investigated the feasibility of implementing an innovative interchange design in the form of a Single Point Urban Interchange (SPUI) at LA 73.

### *Firm Members Involved:*

Ripley "Gary" W. McClure, P.E. (Supervising Engineer / Lead Bridge Engineer)  
John P. Raymond, P.E. (Project Manager / Lead Roadway Engineer)



SKA performed detailed bridge inspections to determine the level of reconstruction needed to widen the bridges.

## 17. Firm Experience:

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

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

\* If there is more than one past performance evaluation category included in the advertisement, then indicate which past performance evaluation category(ies) this project is being used to represent.

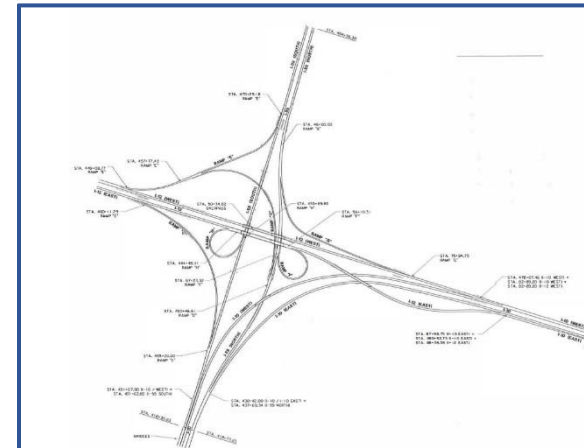
French Branch Bridge – West Pearl River Bridge, Route I-10, St. Tammany Parish project included the I-10/I-12/I-59 Interchange. The existing pavement consisted of joint displacement, substandard cross-slopes, and general pavement disrepair. Improvements and repairs include rubblization, pavement replacement,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

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

Some realignment of ramps was required to allow for higher levels of safety and to provide better traffic flow for merging and lane drops.

### *Firm Members Involved:*

Ripley "Gary" W. McClure, P.E. (Project Engineer)  
 John P. Raymond, P.E. (Design Engineer)  
 Niccola D. Gill, P.E. (Design Engineer)



**Sequencing and Traffic Control were an important element of this project.**

**17. Firm Experience:**

Firm name	Shread Kuyrkendall & Associates, Inc	Past Performance Evaluation Disciplines *	Road, Bridge
Project name	US 90 Rail Spur Removal SE of LA 85	Firm responsibility (prime or sub?)	Prime
Project number	H.010155	Owner's name	DOTD
Project location	Iberia Parish	Owner's Project Manager	Mr. Ryan Morvant, P.E.
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804 / 225-379-1067 / Ryan.morvant@la.gov		
Services commenced by this firm (mm/yy)	09/19	Total consultant contract cost (\$1,000's)	834
Services completed by this firm (mm/yy)	On Hold	Cost of consultant services provided by this firm (\$1,000's)	662

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

\* If there is more than one past performance evaluation category included in the advertisement, then indicate which past performance evaluation category(ies) this project is being used to represent.

SKA was contracted to provide preliminary and final plans for roadway and structure improvements at the existing at grade railroad crossing at US 90 in Iberia Parish. The existing railroad crossing will be replaced with an access tunnel beneath the mainline and frontage roads. The proposed tunnel will consist of a culvert structure placed at the existing ground level. Embankment with Mechanically Stabilized Earth (MSE) will be required to raise the profile grade line of US 90 and the frontage roads to allow for the culvert structure to pass underneath. A temporary diversion road will be used during construction.

*Firm Members Involved:*

Richard R. Shread, P.E., P.L.S. (Project Manager)  
Ripley "Gary" W. McClure, P.E. (Lead Engineer/Supervisor)  
Niccola D. Gill, P.E. (Project Engineer)



**Proposed Concrete Access Tunnel will replace at grade railroad crossing.**

**17. Firm Experience:**

<b>Firm name</b>	<b>Shread Kuyrkendall &amp; Associates, Inc</b>			<b>Past Performance Evaluation Disciplines *</b>	<b>Survey, Road &amp; Bridge</b>
<b>Project name</b>	<b>Central Thruway &amp; Bridges</b>			<b>Firm responsibility (prime or sub?)</b>	<b>Prime</b>
<b>Project number</b>	CP No. 97-CS-HC-0015	<b>Owner's name</b>	East Baton Rouge City-Parish		
<b>Project location</b>	East Baton Rouge Parish			<b>Owner's Project Manager</b>	Mr. Tom Stephens, P.E.
<b>Owner's address, phone, email</b>		P.O. Box 1471, Baton Rouge, LA 70821 / 225-389-3189 / DPW@brgov.com			
<b>Services commenced by this firm (mm/yy)</b>		11/97	<b>Total consultant contract cost (\$1,000's)</b> 5,400		
<b>Services completed by this firm (mm/yy)</b>		05/13	<b>Cost of consultant services provided by this firm (\$1,000's)</b> 5,162		

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

\* If there is more than one past performance evaluation category included in the advertisement, then indicate which past performance evaluation category(ies) this project is being used to represent.

The Central Thruway is an Urban Arterial (UA-2) located in the northeast quadrant of East Baton Rouge Parish that was completed with construction in 2013. It was a new alignment that connected O'Neal Lane at US 190 (Florida Boulevard) to LA 37 (Greenwell Springs) near Wax Road in the City of Central. Nearly four miles in length, this four lane divided highway crossed the Comite River, Beaver Bayou, and passed around wetlands, floodplains, and the Waddill Wildlife Refuge. The Central Thruway consisted of seven bridges ranging from Pre-Stressed Concrete Bulb-Tee Girder Spans, Type III Girder Spans, and Quad Beams.

This project required permitting in accordance with the NEPA process and an Environmental Assessment. Corridor studies were performed with full environmental evaluation including "Line and Grade" studies for eight potential alignments. Public Meetings were held to provide awareness to the public and to receive their input. All tasks were performed by SKA for the Corridor Studies, Line and Grade Studies, Environmental Assessment, Public Meetings, and cost evaluation and comparison to list a few.

*Firm Members Involved:*

Ripley "Gary" W. McClure, P.E. (Supervising Engineer / Bridge Engineer)  
John P. Raymond, P.E. (Roadway Engineer)  
Niccola D. Gill, P.E. (Hydraulics/Hydrology Engineer)



**With a total project cost just under \$60 million, the Central Thruway was the largest project to date constructed by the City of Baton Rouge.**

**17. Firm Experience:**

<b>Firm name</b>	<b>Shread Kuyrkendall &amp; Associates, Inc</b>		<b>Past Performance Evaluation Disciplines *</b>	<b>Bridge</b>
<b>Project name</b>	<b>I-12 Widening (US 190 to LA 59)</b>		<b>Firm responsibility (prime or sub?)</b>	<b>Sub</b>
<b>Project number</b>	H.011152	<b>Owner's name</b>	DOTD	
<b>Project location</b>	St. Tammany Parish		<b>Owner's Project Manager</b>	Mr. Jacob Fusilier, P.E
<b>Owner's address, phone, email</b>	P.O. Box 94245, Baton Rouge, LA 70804 / 225-379-1185 / Jacob.Fusilier@la.gov			
<b>Services commenced by this firm (mm/yy)</b>	10/16	<b>Total consultant contract cost (\$1,000's)</b>		2,397
<b>Services completed by this firm (mm/yy)</b>	Ongoing	<b>Cost of consultant services provided by this firm (\$1,000's)</b>		250

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

\* If there is more than one past performance evaluation category included in the advertisement, then indicate which past performance evaluation category(ies) this project is being used to represent.

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. This design includes 3 – 12 foot travel lanes, 12 foot inside shoulder and 12 foot outside shoulder. The bridge is flared to accommodate connecting ramps. The design includes Column Bents and AASHTO Type II & Type IV PPC Girders. Total length of the two bridges is 680 feet each.

***Firm Members Involved:***

Ripley "Gary" W. McClure, P.E. (Supervising Engineer / Lead Bridge Engineer) Niccola D. Gill, P.E. (Bridge Engineer)



**I-12 Widening over US 190**

**Adding additional lanes for capacity**

**17. Firm Experience:**

Firm name	Shread Kuyrkendall & Associates, Inc	Past Performance Evaluation Disciplines *		Road, Bridge
Project name	Comite River Diversion / LA 964		Firm responsibility (prime or sub?)	Prime
Project number	H.000710	Owner's name	DOTD	
Project location	East Baton Rouge Parish		Owner's Project Manager	Ms. Christina Brignac, P.E.
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804 / 225-379-1394 / Christina.Brignac@la.gov			
Services commenced by this firm (mm/yy)	04/19	Total consultant contract cost (\$1,000's)		281
Services completed by this firm (mm/yy)	07/20	Cost of consultant services provided by this firm (\$1,000's)		281

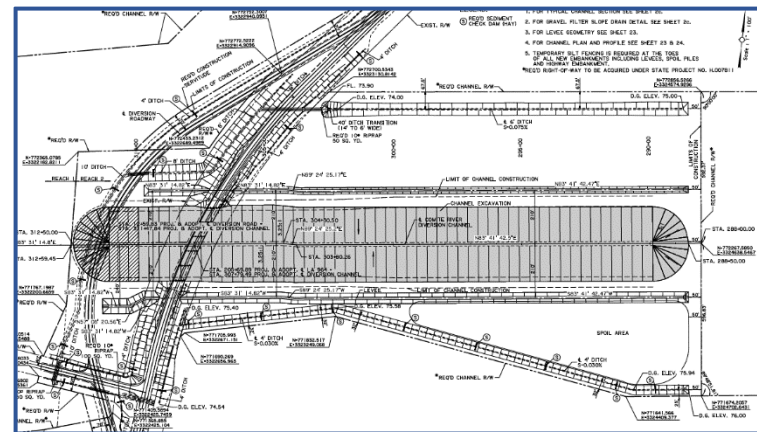
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

\* If there is more than one past performance evaluation category included in the advertisement, then indicate which past performance evaluation category(ies) this project is being used to represent.

As part of the Comite River Diversion Project, LA 964 will cross the proposed diversion channel. This project included channel excavation, roadway realignment for site distance, and bridge structure. The LA 964 bridge consists of a single bridge approximately 350 feet long, with a finished cross-sectional clear width of 44 feet. The new bridge is designed using AASHTO Type III girders and is in super-elevation. The roadway is designed as an Urban Arterial with two 12 foot lanes and 10 foot shoulders. A temporary diversion is used during bridge and canal construction.

#### ***Firm Members Involved:***

Ripley "Gary" W. McClure, P.E. (Supervising Engineer / Lead Bridge Engineer)  
 John P. Raymond, P.E. (Road Engineer)  
 Niccola D. Gill, P.E. (Bridge Engineer)



**LA 964 Bridge and Roadway Realignment  
 For the Comite River Diversion Channel**

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

#### **17. Firm Experience:**

<b>Firm name</b>	<b>Shread Kuyrkendall &amp; Associates, Inc</b>	<b>Past Performance Evaluation Disciplines *</b>	<b>Survey, Road, Bridge</b>
<b>Project name</b>	<b>Pecue Lane / I-10 Interchange</b>	<b>Firm responsibility (prime or sub?)</b>	<b>Prime</b>
<b>Project number</b>	H.013579, H.003047, & H.012290	<b>Owner's name</b>	<b>City-Parish</b>
<b>Project location</b>	<b>East Baton Rouge Parish</b>	<b>Owner's Project Manager</b>	<b>Mr. Tom Stephens, P.E.</b>
<b>Owner's address, phone, email</b>	<b>P.O. Box 1471 Baton Rouge, Louisiana 70821 / 225-389-3189 / DPW@brgov.com</b>		
<b>Services commenced by this firm (mm/yy)</b>	<b>10/10</b>	<b>Total consultant contract cost (\$1,000's)</b>	<b>8,239</b>
<b>Services completed by this firm (mm/yy)</b>	<b>Ongoing</b>	<b>Cost of consultant services provided by this firm (\$1,000's)</b>	<b>4,575</b>

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

\* If there is more than one past performance evaluation category included in the advertisement, then indicate which past performance evaluation category(ies) this project is being used to represent.

Shread-Kuyrkendall and Associates, Inc. provided preliminary and final construction plans and right-of-way plans for a brand new I-10 Interchange at Pecue Lane, set to be the first operational Diverging Diamond Interchange (DDI) in the State of Louisiana. SKA provided engineering support from the very beginning of the NEPA process, coordinated between all pertinent agencies and consultants. SKA investigated several design alternatives, alignments, and provided line and grade layouts for all alternatives considered. SKA attended several public meetings and was a major player and intricately involved in seeing the NEPA process to its successful completion. Once the NEPA process was complete, SKA prepared preliminary and final plans in accordance with DOTD and FHWA criteria. This large scale and very public and high profile project was ultimately broken into three phases to jump start the project in construction and provide more manageable construction funding. Further challenging the design team was an accelerated schedule required to meet federal redistribution guidelines and qualify for unused federal dollars, which would ultimately save the City of Baton Rouge and state of Louisiana millions in local and state funds. SKA managed the project and led the design team to successfully meet the shortened design schedule. In the end, the project consisted of six bridges, Mechanically Stabilized Earth (MSE) Retaining Walls, four interstate ramps and a six lane urban arterial section (Pecue Lane) with a Rieger Road connector.

*Firm Members Involved:*

Ripley Gary W. McClure, P.E. (Supervising Engineer / Lead Bridge Engineer)  
John P. Raymond, P.E. (Project Manager / Design Engineer)  
Niccola D. Gill, P.E. (Design Engineer)



**Louisiana's FIRST Diverging Diamond Interchange (DDI)**

**17. Firm Experience:**

Firm name	T. Baker Smith, LLC		Past Performance Evaluation Discipline(s)*	Survey
Project name	Country Drive Widening		Firm responsibility (prime or sub?)	Prime
Project number	742-55-0102	Owner's name	Terrebonne Parish Consolidated Government	
Project location	Terrebonne Parish	Owner's Project Manager	Joan Schexnayder, P.E.	
Owner's address, phone, email	P.O. Box 6037, Houma, LA 70361, 985.873.6720, jschex@tpcg.org			
Services commenced by this firm (mm/yy)	04/96	Total consultant contract cost (\$1,000's)	\$1,200	
Services completed by this firm (mm/yy)	03/13	Cost of consultant services provided by this firm (\$1,000's)	\$900	
<p>Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)</p> <p>* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.</p> <p>The Country Drive Widening project involves widening an Urban Systems roadway located in the southeastern part of Terrebonne Parish in order to increase capacity and safety. Country Drive (Parish Road 43) is a Rural Collector, classified as RC-2. The roadway's lane widths vary from nine to 10 feet with little or no shoulder. The project will widen Country Drive from nine-foot lanes and minimal aggregate shoulders to 11-foot lanes with four-foot shoulders including subsurface drainage from the St. Ann Bridge to Presque Isle Drive totaling approximately 2.7 miles. The St. Ann Bridge replacement and Presque Isle intersection improvements were also completed by TBS.</p> <p>TBS has completed design on Phase A of the project which consists of 1.5 miles of the widening project. The project is currently in the Right-of-Way acquisition phase and is scheduled to be let for bid in 2015. Design issues were recognized early and solutions implemented to avoid major utility relocations along the corridor and to tie-in multiple individual package sewer plants to the subsurface drainage, which ultimately reduced construction cost. In addition to avoiding major utility relocations, the TBS design team established a plan for Maintenance of Traffic (MOT) to ensure safety throughout construction on the existing, narrow 9-foot travel lanes.</p> <p><b>TBS was responsible for topographic surveys, including location of pipelines and utilities within the project corridor, environmental permitting and EIS document, and preparation of preliminary and final plans. TBS also provided right-of-way maps and property surveying for over 100 parcels along the route.</b></p> <p><b>Team Members Highlighted in this Proposal:</b> Matthew J. Ledet, P.L.S.</p>				

**17. Firm Experience:**

Firm name	<b>T. Baker Smith, LLC</b>		Past Performance Evaluation Discipline(s)*	<b>Survey</b>
Project name	<b>Retainer Contract for Professional Surveying Services</b>		Firm responsibility (prime or sub?)	<b>Prime</b>
Project number	<b>4400003473</b>	Owner's name	<b>Louisiana DOTD</b>	
Project location	<b>Statewide, LA</b>	Owner's Project Manager	<b>Joe Arretteig, P.L.S.</b>	
Owner's address, phone, email	<b>1201 Capitol Access Rd., Baton Rouge, LA 70802, 225.379.1329, joseph.arretteig@la.gov</b>			
Services commenced by this firm (mm/yy)	<b>07/14</b>	Total consultant contract cost (\$1,000's)	<b>\$1,000</b>	
Services completed by this firm (mm/yy)	<b>06/16</b>	Cost of consultant services provided by this firm (\$1,000's)	<b>\$750</b>	
<p>Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)</p> <p>* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.</p> <p>TBS was selected for a statewide surveying retainer contract in mid-2013 with the concentration of the work to be in Districts 02, 61 and 62. Under this contract, TBS performed topographic surveying, property surveys, right of way mapping, title research reports, title take offs, and title updates for LADOTD projects statewide. The limitation for fees was \$1 Million under this professional services contract, and projects were initiated via task order. TBS completed all deliverables using Microstation and Inroads as certified by CADconform. Some of the projects are listed below:</p> <ul style="list-style-type: none"> <li>• <b>S.P. No. H.011289, LA 70 Bypass (Detour Route, Route LA 70), Assumption Parish – Phase I:</b> Topographic survey of +/- 1 Mile detour route including utilities, drainage structures and drainage maps for the LA 70 Bypass route through virgin/swampy terrain. Topographic Survey 100% complete. Phase II: Property surveys, location of property markers for properties crossed along proposed route, creation of base right of way maps for the proposed route.</li> <li>• <b>S.P. No. H.009140.5, LA 1026 at LA 1030 Roundabout (Route LA 1026), Livingston Parish</b> – title take offs, title research reports, title updates, property surveys and right of way maps for roundabout project in Denham Springs, LA. Final R/W maps were transmitted in early 2015.</li> <li>• <b>S.P. No. H.002424, Sunshine Bridge to I-10, LA 70 and LA 22, St. James and Ascension Parishes</b> – property surveys, right of way maps for 5 mile roadway widening project – completed property survey and awaiting NTP for base right of way maps.</li> <li>• <b>S.P. No. H.002381.5, LA 43 Creek Bridge Near Albany (Route LA 43), Livingston Parish</b> – title take offs, title research reports, title updates, property surveys and right of way maps for bridge replacement project.</li> <li>• <b>S.P. No. H.009481, Bayou Chevreuil Bridge (Route LA 20), St. James Parish</b> – +/- 3000 feet topographic survey of the existing roadway, bridge and channel including utility locations and drainage structures for bridge replacement project. Topographic survey 100% complete.</li> <li>• <b>S.P. No. H.008149, Pier 1 Removal (Leeville Bridge, Route LA 1), Lafourche Parish</b> – Establish control and perform hydrographic surveys using multi-beam and side scan sonar for pier removal of Leeville bridge. Hydrographic survey and Task 100% complete.</li> <li>• <b>S.P. No. H.004783, Arkansas Road (Caldwell Road LA – 143), Route LA 616, Ouachita Parish</b> – Topographic survey including use of Ground Penetrating Radar (GPR) to locate potential subsurface cultural/historic features for roadway project. Topographic/GPR survey 100% Complete.</li> </ul> <p><b>Team Members Highlighted in this Proposal:</b> Rene Hebert, PLS; Matthew Ledet, PLS; Christian Haynes; Laramie Leet</p>				

**17. Firm Experience:**

Firm name	<b>T. Baker Smith, LLC</b>		Past Performance Evaluation Discipline(s)*	<b>Survey</b>
Project name	<b>I-12 to Bush: LA 3241 (LA 435 to LA 40/41)</b>		Firm responsibility (prime or sub?)	<b>Prime</b>
Project number	<b>H.004113</b>	Owner's name	<b>Louisiana DOTD</b>	
Project location	<b>St. Tammany Parish, LA</b>	Owner's Project Manager	<b>Joachim C. Umeozulu, PE</b>	
Owner's address, phone, email	<b>1201 Capitol Access Rd., Baton Rouge, LA 70802, 225.379.1386, joachim.umeozulu@la.gov</b>			
Services commenced by this firm (mm/yy)	<b>03/14</b>	Total consultant contract cost (\$1,000's)	<b>\$2,679</b>	
Services completed by this firm (mm/yy)	<b>Ongoing</b>	Cost of consultant services provided by this firm (\$1,000's)	<b>\$1,818</b>	
<p>Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)</p> <p>* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.</p> <p>The I-12 to Bush project is part of the TIMED program established by Act 16 in the 1989 General Session of the LA State Legislature, which is funded by the four cent per gallon fuel tax. The project is an alternative North-South connection that would reduce congestion and delays for those traveling from northern St. Tammany and Washington Parishes to I-12. Its total length is 19.5 miles. The project is broken into three segments for design – TBS is the prime consultant for Segment # 3 – LA 435 to LA 40/41. Segment 3 of the corridor begins 500 feet north of LA 435 and ends at the intersection of the new corridor and LA 40/41 in Bush, LA with a total length of approximately 5.5 miles.</p> <p>Segment 3 will traverse entirely on new alignment through virgin territory consisting of four lanes with inside and outside shoulders and a depressed median. This high-speed corridor is being designed to RA-2 and RA-3 criteria with control of access throughout much of the project. The project includes several large drainage structures as well as a Type III girder style bridge approximately 500' long over Talisheek Creek.</p> <p>The scope of services includes providing all necessary roadway and bridge design, topographic surveys, geotechnical engineering, sub-surface utility engineering (SUE), Traffic Management Plans, and related services. TBS established intermediate control points along the project and performed approximately 75% of the topographic surveying with a width of 300' along the mainline. TBS allocated multiple crews in order to complete the topographic survey ahead of schedule, including all utilities with depths provided by the SUE consultant and drainage information required for the preliminary design.</p> <p><b>Team Members Highlighted in this Proposal:</b> Matthew Ledet, PLS</p>				

**17. Firm Experience:**

Firm name	<b>T. Baker Smith, LLC</b>		Past Performance Evaluation Discipline(s)*	<b>Survey</b>
Project name	<b>LA 20 Widening: LA 307 to S. Vacherie</b>		Firm responsibility (prime or sub?)	<b>Prime</b>
Project number	<b>H.013116</b>	Owner's name	<b>St. James Parish Council</b>	
Project location	<b>St. James &amp; Lafourche Parishes, LA</b>	Owner's Project Manager	<b>Blaise Gravois</b>	
Owner's address, phone, email	<b>P.O. Box 106, Convent, LA; 225-562-2262; blaise.gravois@stjamesla.com</b>			
Services commenced by this firm (mm/yy)	<b>03/16</b>	Total consultant contract cost (\$1,000's)	<b>\$7,600</b>	
Services completed by this firm (mm/yy)	<b>Ongoing</b>	Cost of consultant services provided by this firm (\$1,000's)	<b>\$585</b>	
<p>Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)</p> <p>The LA 20 widening project is a safety project featuring asymmetrical roadway widening of the LA 20 two-lane, rural arterial corridor from near LA 307 to South Vacherie by adding 8' outside shoulders and widening travel lanes. Currently, the roadway has no shoulders, narrow travel lanes and an existing borrow canal immediately adjacent to the west side of the roadway section.</p> <p>The roadway is surrounded by forested swamp land conditions for much of the project's three-mile length. Upon completion, this section of roadway will meet current Rural Arterial standards and provide increased recovery area for errant vehicles. Included within the project is the replacement of a narrow two-lane reinforced concrete slab span bridge near the St. James/Lafourche Parish line. The project is being designed in conjunction with S.P. No. H.009481 – LA 20/Bayou Chevreuil bridge replacement, which is located near the center of the roadway widening project.</p> <p>During the initial planning phases, T. Baker Smith, LLC (TBS) conducted the Stage 0 Feasibility study and developed the Line and Grade study using Aerial and MobileLIDAR. Since the beginning of the design phase, TBS has served as the prime consultant. During the initial design stages, TBS conducted all topographic surveying and Subsurface Utility Engineering (SUE) services for the nearly three-mile project corridor. SUE services consisted of Quality Level B services on all utility facilities within the project and Quality Level A services for larger facilities which crossed the roadway centerline including pipelines, fiber optics and water mains. The project design calls for two 12' travel lanes and two 8' shoulders. TBS is responsible for all geometric design, traffic management plans, plan production of preliminary and final plans, utility conflict analysis and coordination, existing and design drainage mapping, property surveys and right of way mapping.</p> <p>TBS is also responsible for all bridge design elements including the replacement of a 5-span reinforced concrete slab span bridge using split-phase construction and special design elements. TBS also provided environmental services including wetland delineations, USCG coordination, permit drawing preparation, preparation of the Categorical Exclusion (NEPA) document, Public Meetings and related work. TBS was responsible for coordination of geotechnical investigation and design services including settlement analysis and specialty pavement section features due to the existing site conditions.</p> <p><b>Team Members Highlighted in this Proposal:</b> Matthew Ledet, PLS; Laramie Leet; Christian Haynes</p>				

**17. Firm Experience:**

Firm name	T. Baker Smith, LLC		Past Performance Evaluation Discipline(s)*	Survey
Project name	Route LA 57 (Grand Caillou Road) Industrial Blvd to Thompson Road		Firm responsibility (prime or sub?)	Prime
Project number	246-01-0054	Owner's name	Louisiana DOTD	
Project location	Terrebonne Parish, LA	Owner's Project Manager	Chad Winchester, PE	
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804, 225.379.1048, chad.winchester@la.gov			
Services commenced by this firm (mm/yy)	05/99	Total consultant contract cost (\$1,000's)	\$1,500 (est.)	
Services completed by this firm (mm/yy)	08/14	Cost of consultant services provided by this firm (\$1,000's)	\$801	
<p>Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)</p> <p>* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.</p> <p>TBS' involvement began with a study and analysis phase to determine the conceptual alignment for the widening of LA 57 (Grand Caillou Road) in 1999 and to assist LADOTD with the Environmental Assessment (EA); a Finding of No Significant Impact (FONSI) was approved by FHWA. The project begins at Industrial Boulevard and ends south of Thompson Road, which is a length of two miles. As a part of the EA, TBS analyzed four alternatives for the widening, including providing base maps, typical sections, geometric layouts of intersections, drainage, and cost estimates, including property acquisition acreage estimates and cost estimates for utilities that would be affected by each alternative.</p> <p>The preliminary design of the preferred alternative from the EA included all paving, excavation, embankment and drainage additions or revisions necessary to widen the corridor from two to five lanes. The majority of the drainage system was routed via subsurface drainage into the existing Bayou Grand Caillou. TBS provided topographic surveys including utilities, preliminary plans, title research, property surveys, and right of way maps as part of the preliminary plan submittal. During the Final Design stage, TBS prepared plans based upon the combination widening proposed in the EA. This included extending the existing five-lane section north of the project southward to Dickson Road, then transitioning to a three-lane section at Shaffer Road, and finally terminating the project with a two-lane section near Woodlawn Ranch Road. Roadway widening alternated from left to right due to right of way, utilities, and drainage constraints. The roadway section is classified UA-2 and implemented paved shoulders throughout the project length. The project was let in mid-2013 and was completed in 2015.</p> <p>TBS was responsible for topographic surveying; environmental support for the Environmental Assessment (EA), including wetland delineations, T&amp;E studies, and NEPA document preparation; and preparing preliminary and final plans. TBS also provided right-of-way map preparation, including property surveys for 35 parcels along the state route, and assisting with property acquisition. TBS' role in right of way surveys was integral as the existing right of way was not well established as the corridor was initially a farm road but has grown to become a major arterial roadway for nearby commercial and industrial facilities. TBS is currently assisting LADOTD during the construction phase of this project as plan changes are necessary due to growth along the corridor since final plans were completed. Construction is complete.</p> <p><b>Team Members Highlighted in this Proposal:</b> Matthew Ledet, PLS</p>				

# 17. Firm Experience:

Firm name	T. Baker Smith, LLC		Past Performance Evaluation Discipline(s)*	Survey
Project name	Bayou Gardens Boulevard		Firm responsibility (prime or sub?)	Prime
Project number	07-EXT-22	Owner's name	Terrebonne Parish Consolidated Government	
Project location	Terrebonne Parish, LA	Owner's Project Manager	Al Levron	
Owner's address, phone, email	8026 Main Street, Houma, LA 70360, 985.873.6407, allevron@tpcg.org			
Services commenced by this firm (mm/yy)	03/09	Total consultant contract cost (\$1,000's)	\$10,000	
Services completed by this firm (mm/yy)	01/17	Cost of consultant services provided by this firm (\$1,000's)	\$1,700	
<p>Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)</p> <p>* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.</p> <p>The Bayou Gardens Extension project was a continuation of the Bayou Gardens Extension and Widening projects (S.P. 742-05-0099 &amp; 742-07-0019) completed by TBS in 2000, which consisted of widening the two-lane highway to four lanes with a 300-foot wide grassed median and the extension thereof. Before the project began, Bayou Gardens Blvd. formed a three-legged "Tee" intersection at LA 660 (Coteau Road). The Bayou Gardens Extension project extended this roadway to connect LA 660 with LA 316 (Bayou Blue Road) and consisted of a four-lane roadway (UA-2 classification) with a raised median. The project consisted of approximately 1.6 miles of concrete roadway and twin, seven-span, 140' long, curved, cast-in-place bridges over St. Louis Bayou. The project was divided into two phases. The first phase included constructing two of the proposed four lanes of the project and the second phase would complete the four-lane corridor. Each phase was divided into two "sub-phases" which included embankment surcharge programs from the roadway lanes being constructed. The embankment was allowed to surcharge for ten months prior to the roadway paving and bridge construction portions.</p> <p>TBS was responsible for all topographic surveying including subsurface utility engineering involved with the various utility conflicts along the corridor in general accordance with CI/ASCE 38-02 designation and location of pipelines and utilities within the roadway corridor and along the widening sections for the turn lane sections along LA 660 and LA 316. Utilities along the corridor included two natural gas pipelines, one crude oil pipeline, sewer, water, telecommunications (copper and fiber) and gas distribution. TBS provided records research, reconnaissance and survey location of above ground features of utilities, Quality Level B designation of subsurface utilities including horizontal positioning (designation used GPR, electromagnetic and other methods) and utility mapping, which was provided to the various utility owners.</p> <p>TBS coordinated utility designations with utility owners and provided conceptual utility relocation designs and actual utility relocation designs of some facilities. Utility coordination continued with 3rd party relocation design coordination, cost estimates, construction quotations, as-built locations and utility reimbursement agreements between utility owners and TBS' client. Construction for Phase I of the project was completed in November 2013 and Construction for Phase II was completed in January 2017.</p> <p><b>Team Members Highlighted in this Proposal:</b> Matthew Ledet, PLS; Rene Hebert, PLS</p>				

**17. Firm Experience:**

Firm name	T. Baker Smith, LLC		Past Performance Evaluation Discipline(s)*	Survey
Project name	LA 70 Bypass (Detour Route), LA 70		Firm responsibility (prime or sub?)	Prime
Project number	H.011289	Owner's name	LADOTD	
Project location	Assumption Parish, LA	Owner's Project Manager	Joe Arretteig, P.L.S.	
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802, 225.379.1329, joseph.arretteig@la.gov			
Services commenced by this firm (mm/yy)	03/09	Total consultant contract cost (\$1,000's)	\$10,000	
Services completed by this firm (mm/yy)	09/17	Cost of consultant services provided by this firm (\$1,000's)	\$1,700	
<p>Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)</p> <p>* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.</p> <p>As part of the response to the Bayou Corne sinkhole located north of Pierre Part, LA in Assumption Parish near LA 70, the Louisiana Department of Transportation and Development (LADOTD) engaged in developing plans for a detour route for LA 70 in the event that LA 70 would be compromised by the sink hole. The LA 70 Bypass (Detour Route) alignment began near the intersection of LA 70 and Gumbo St. and traversed approximately 5,700 feet through virgin territory and forested swamplands until intersecting with LA 69. As part of an existing LADOTD Surveying Retainer Contract, T. Baker Smith provided topographic surveying services and existing drainage maps for the proposed alignment North of the existing LA 70.</p> <p>The topographic survey began 500 feet west of the intersection of Gumbo Street and LA 70. Near Gumbo Street, the proposed alignment tracked North and parallel to LA 70 for a distance of nearly 5,700 feet until its intersection with LA 69. The DTM width in this section was 300' wide and more than two-thirds of this alignment ran through forested swamplands and virgin territory. At the intersection of LA 69, the topographic survey traversed northerly along LA 69 for a distance of 2,500 feet, then southerly for 1,400 feet to the intersection of LA 69 and LA 70. DTM width along LA 69 was approximately 100 feet. The areas adjacent to LA 69 also consisted of forested swamplands. TBS utilized conventional total stations as well as robotic total stations to collect topographic survey data for this project. All data was processed according to LADOTD location and survey procedures using Inroads Survey, Bentley® Microstation and CADConform.</p> <p>An existing drainage map was also prepared in accordance with the LADOTD Location and Survey Manual for the areas included within and surrounding the proposed alignment. TBS located the above ground and subsurface utilities within the project area, which included a multitude of pipelines carrying a variety of products from LNG, natural gas, crude, butane, isobutene, promix and brine. TBS also prepared Temporary Traffic Control Plans needed for working within the LA 70 and LA 69 right of ways to ensure safe working environment along these narrow, two-lane roadways with minimal shoulders. TBS performed the property surveys along the route and prepared the 60% Base Right of Way Maps.</p> <p><b>Team Members Highlighted in this Proposal:</b> Matthew Ledet, PLS; Rene Hebert, PLS; Beau Crochet, LSI</p>				

**17. Firm Experience:**

Firm name	T. Baker Smith, LLC		Past Performance Evaluation Discipline(s)*	Survey
Project name	LA 3127 Extension: LA 70 to LA 1		Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Ascension Parish Government	
Project location	Ascension Parish, LA		Owner's Project Manager	Michael Enlow
Owner's address, phone, email	42077 Churchpoint Rd., Gonzales, LA 70737, 225.450.1326, menlow@apgov.us			
Services commenced by this firm (mm/yy)	11/17	Total consultant contract cost (\$1,000's)		\$1,100
Services completed by this firm (mm/yy)	12/18	Cost of consultant services provided by this firm (\$1,000's)		\$945
<p>Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)</p> <p>* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.</p> <p>The LA 3127 Extension project is located south of the city of Donaldsonville within Ascension Parish. The project proposes to extend LA 3127 from LA 70 to LA1 through virgin terrain as a four-lane, divided highway in accordance with the latest LADOTD Design Guidelines. The intention of the new highway is to serve as an economic development corridor as well as a segment of a future West Bank Expressway, which would generally serve to connect I-310 in Boutte, LA to I-10 in Port Allen, LA. The roadway corridor would also be used as a bypass around Donaldsonville and is anticipated to be used heavily by truck traffic servicing the nearby existing and future industrial sites. The project also includes an approximately 180' long bridge over Bayou Lafourche that would be constructed adjacent to the existing Palo Alto bridge. The four-lane, divided highway will transition back to an existing two-lane highway beyond the intersections of LA 1 and LA 70.</p> <p>The SUE services were performed in strict accordance with CI/ASCE 38-02 guidelines for all utilities within 200' of either side of the roadway alignment. The SUE services extended for a distance of 1,500' beyond the roadway termini in each direction. QL D-B services were provided for all utilities within the 400' wide area of interest and QL A services were provided for any utility with a diameter greater than 4" which crossed the roadway centerline. Subsurface utilities designated as part of the SUE services included water mains, sewer force mains, sewer effluent lines, pipelines carrying various products and ranging from 6" to 30" in diameter, buried electrical services, buried telephone, buried fiber optic telephone, fiber optic television, and gas mains. In areas where records research showed no evidence of utilities, TBS swept this virgin terrain using various instruments including pipe locators and Ground Penetrating Radar (GPR) to detect any unrecorded utilities. Overall, TBS designated nearly 80,000 linear feet of subsurface utilities and performed Level A minimally invasive excavations utilizing TBS vacuum truck at 48 locations including water mains, gas mains, sewer force mains and pipelines.</p> <p>TBS performed property surveys along the virgin terrain route which included seven large tracts consisting of more than 1,000 acres and several smaller tracts including batture tracts along Bayou Lafourche. The preliminary base Right of Way Maps were submitted in December 2018. All property surveys and Right of Way Mapping was produced in accordance with LADOTD Location and Survey Guidelines.</p> <p><b>Team Members Highlighted in this Proposal:</b> Matthew Ledet, PLS; Rene Hebert, PLS; Laramie Leet; Christian Haynes</p>				

**17. Firm Experience:**

Firm name	T. Baker Smith, LLC		Past Performance Evaluation Discipline(s)*	Survey
Project name	Parish Road 929 @ Parker Rd. Roundabout		Firm responsibility (prime or sub?)	Sub
Project number	N/A	Owner's name	Ascension Parish Government	
Project location	Ascension Parish, LA		Owner's Project Manager	Michael Enlow
Owner's address, phone, email	42077 Churchpoint Rd., Gonzales, LA 70737, 225.450.1326, menlow@apgov.us			
Services commenced by this firm (mm/yy)	10/17	Total consultant contract cost (\$1,000's)		\$400
Services completed by this firm (mm/yy)	10/18	Cost of consultant services provided by this firm (\$1,000's)		\$120
<p>Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)</p> <p>* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.</p> <p>As part of Ascension Parish's Move Ascension Transportation Program, T. Baker Smith, LLC was selected by Buchart-Horn to provide topographic surveying, property surveys, Right of Way maps and Subsurface Utility Engineering services for the design of a roundabout at Parish Road 929 and Parker Rd. in Prairieville, LA. The length of survey and SUE services extended along all four legs of the proposed roundabout.</p> <p>TBS, as a sub consultant to Buchart-Horn was responsible for all topographic surveys, property surveys, Right of Way mapping and Subsurface Utility Engineering QL D-A in accordance with LADOTD standards as per the Location and Survey manual as well as utility mapping per CI/ASCE 38-02.</p> <p>The Subsurface Utility Engineering (SUE) services were performed in strict accordance with CI/ASCE 38-02 guidelines for all utilities within 125' of either side of the roadway along all four legs of the proposed roundabout. The SUE services extended for a distance of 1,000' each direction. QL D-B services were provided for all utilities within the 250' wide area of interest and Level A services were provided for any utility with a diameter greater than 4" which crossed the roadway. Subsurface utilities designated as part of the SUE services included water mains, buried electrical services, buried telephone, buried fiber optic telephone, fiber optic television, natural gas transmission pipelines, gas mains and sanitary sewer lines.</p> <p>Overall, TBS designated nearly 37,000 linear feet of subsurface utilities and performed Level A minimally invasive excavations via TBS' vacuum truck at twenty (20) locations including major water mains and gas pipelines. A three-pipeline corridor crosses two of the four legs of the proposed roundabout and included pipeline sizes ranging from 12"-20". The pipeline corridor had multiple bends and casings in the area of investigation. TBS performed additional Level A test holes to ensure the complete location of the pipelines within the corridor. TBS performed the survey of all utility designations (Level B) and locations (Level A) certified this utility data in both standalone deliverables in accordance with CI/ASCE 38-02 guidelines and integrated the utility locations into the project's topographic survey files.</p> <p><b>Team Members Highlighted in this Proposal:</b> Matthew Ledet, PLS; Laramie Leet; Christian Haynes</p>				

**17. Firm Experience:**

Firm name	T. Baker Smith, LLC		Past Performance Evaluation Discipline(s)*	Survey
Project name	Roddy Road Safety Widening (LA 935 to LA 621)		Firm responsibility (prime or sub?)	Prime
Project number	MA-17-01	Owner's name	Ascension Parish Government	
Project location	Ascension Parish, LA	Owner's Project Manager	Michael Enlow	
Owner's address, phone, email	42077 Churchpoint Rd., Gonzales, LA 70737, 225.450.1326, menlow@apgov.us			
Services commenced by this firm (mm/yy)	09/17	Total consultant contract cost (\$1,000's)	\$620	
Services completed by this firm (mm/yy)	05/19	Cost of consultant services provided by this firm (\$1,000's)	\$585	
<p>Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)</p> <p>* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.</p> <p>As part of Ascension Parish's Move Ascension Transportation Program, T. Baker Smith, LLC was selected as the prime consultant for the Roddy Road Safety Widening project from LA 935 to LA 621. The project includes 1.5 miles of roadway widening from the existing 10' travel lanes and minimal shoulders to 12' travel lanes with 4' shoulders and associated roadside ditch improvements. The project also includes the installation of left turn lanes on three (3) approaches at LA 934 and left turn lanes along all approaches at LA 621 including a dedicated right turn lane on the southbound approach. The existing Roddy Road Bridge over Black Bayou will be replaced with a 6-span concrete bridge having a 32' clear width to match the new roadway section. All portions of Roddy Road will be reconstructed due to poor pavement and base.</p> <p>TBS is the prime consultant on this project and is responsible for all roadway design aspects including widening &amp; reconstruction, drainage design, H&amp;V geometric layout, pavement design and turn lane design/geometry. TBS is also responsible for all bridge design including superstructure, substructure and special bridge element design for the accommodation of utilities. TBS' scope of work also includes setting survey horizontal and vertical control network, performing all topographic surveys, Subsurface Utility Engineering Quality Levels (QL) D-A, property surveys, Right of Way Mapping, utility relocation coordination, traffic management plans and bidding assistance. TBS is also supporting environmental permitting activities being performed by the Parish.</p> <p>The Subsurface Utility Engineering (SUE) services were performed in strict accordance with CI/ASCE 38-02 guidelines for all utilities within 75' of either side of the roadway. QL D-B services were provided for all utilities within the 150' wide area of interest and QL A services were provided for any utility with a diameter greater than 4" which crossed the roadway. Subsurface utilities designated as part of the SUE services included watermain, buried electrical services, buried telephone, buried fiber optic telephone, fiber optic television, gas (and other material) transmission pipelines and sanitary sewer lines. Overall, TBS designated over 71,000 linear feet (13+ miles)</p> <p>of subsurface utilities and performed Level A minimally invasive excavations via TBS' vacuum truck at thirty (30) locations including gas transmission pipelines and water mains. TBS surveyed all utility designations (QL B) and locations (QL A) and this utility data was provided in both standalone deliverables and integrated into the project stopographic survey files.</p> <p><b>Team Members Highlighted in this Proposal:</b></p> <p>Matthew Ledet, PLS; Laramie Leet; Christian Haynes</p>				

**17. Firm Experience:**

<b>Firm name</b>	<b>Vectura Consulting Services, LLC</b>	<b>Past Performance Evaluation Discipline(s)*</b>	<b>TM</b>
<b>Project name</b>	<b>Roundabout: US 171 at Boone St.</b>	<b>Firm responsibility (prime or sub?)</b>	<b>sub</b>
<b>Project number</b>	<b>H.011909.5-4</b>	<b>Owner's name</b>	<b>DOTD</b>
<b>Project location</b>	<b>Vernon Parish, LA</b>	<b>Owner's Project Manager</b>	<b>Josh Harrouch</b>
<b>Owner's address, phone, email</b>	<b>PO Box 94245 Baton Rouge, LA 70804-9245, (225) 242-4640, Joshua.Harrouch@LA.GOV</b>		
<b>Services commenced by this firm (mm/yy)</b>	<b>11/20</b>	<b>Total consultant contract cost (\$1,000's)</b>	<b>unknown</b>
<b>Services completed by this firm (mm/yy)</b>	<b>current</b>	<b>Cost of consultant services provided by this firm (\$1,000's)</b>	<b>\$82.045</b>

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

**Temporary Traffic Signal Design**

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

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

**Quality Control Review**

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

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

### 17. Firm Experience:

<b>Firm name</b>	<b>Vectura Consulting Services, LLC</b>	Past Performance Evaluation Discipline(s)*	TM
Project name	<b>Belle Chasse Bridge &amp; Tunnel Replacement Public-Private Partnership</b>	Firm responsibility (prime or sub?)	sub
Project number	H.004791	Owner's name	DOTD
Project location	Vernon Parish, LA	Owner's Project Manager	Nickolas Olivier
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802, 225-379-1133, Nicholas.olivier@la.gov		
Services commenced by this firm (mm/yy)	04/19	Total consultant contract cost (\$1,000's)	unknown
Services completed by this firm (mm/yy)	03/21	Cost of consultant services provided by this firm (\$1,000's)	\$211.890

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

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

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

## 17. Firm Experience:

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

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

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

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

**Task 2 Traffic Study** - This task conformed to the DOTD EDSM\_VI\_3\_1\_6 Traffic Signals Section 5 and included the following elements:

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

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

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

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

## 17. Firm Experience:

Firm name	A P S Engineering and Testing				Past performance discipline	Geotech
Project name	I-10 Widening LA 415 to Essen LN				Firm responsibility (prime or sub?)	Prime
Project number	H.004100	Owner's name	DOTD			
Project location	Baton Rouge			Owner's Project Manager	Kristy Smith, P.E.	
Owner's address, phone, email		1201Capitol Access Rd., Baton Rouge, La. 70802-4438 225-379-1016 Kristy.Smith2@la.gov				
Services commenced by this firm (mm/yy)		09/19	Total consultant contract cost (\$1,000's)			N/A
Services completed by this firm (mm/yy)		On-going	Cost of consultant services provided by this firm (\$1,000's)			\$400

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

GEOTECHNICAL INVESTIGATION TO PROVIDE CLIENT WITH THE NECESSARY INFORMATION FOR PLANNING AND DESIGN I - 10 WIDENING. A P S WAS TASKED THROUGH OUR DOT DGEOTECHNICAL RETAINER TO DRILL AND SAMPLE A TOTAL OF 52 DEEP BORINGS STARTING AT THE WASHINGTON EXIT AND ENDING AT THE LSU LAKE S. ALONG WITH THIS DRILLING AND SAMPLING A P S WILL ALSO TEST FOR STRENGTH AND ENGINEERING CHARACTERISTICS OF THE SOILS. A TOTAL OF EIGHT (8) OVER THE WATER BORINGS AND 44 LAND BORINGS WITH APPROXIMATE 1000 TRIAXIAL COMPRESSION, UNCONSOLIDATED DRAINED OR UNDRAINED (UU) AND ATTERBERG LIMITS.

### SIMILARITY TEST OF PERFORMANCE AL GEOTECHNICAL SERVICES

X	Geotechnical Explorations (GE)
	Geotechnical Design (GD)
	Geotechnical Construction (GC)
X	Topographic Survey (LC)
	Constructability
X	Contract Management (CM)

## MEMBERS INVOLVED:

### ENGINEERING

SERGIO AVILE S, P. E. - PROJECT MANAGER

SAI EDDANAPUDI, M. E. , P. E.- PROJECT ENGINEER

SURENDRA RAJ PATHAK, M. S. , P E.- STAFF ENGINEER

### LABORATORY TESTING

SERGIO AVILE S, PE- QA/ QC

SAI EDDANAPUDI, M. E. , P. E.- QA/QC

DONNA EASTERLY- LAB MANAGER

CINDY FALKS- LAB



## 17. Firm Experience:

Firm name	A P S Engineering and Testing				Past performance discipline	Geotech
Project name	I-10 Loyola Interchange Improvements				Firm responsibility (prime or sub?)	Prime
Project number	H.011670	Owner's name	DOTD			
Project location	Jefferson Parish			Owner's Project Manager	Kristy Smith, P.E.	
Owner's address, phone, email		1201Capitol Access Rd., Baton Rouge, La. 70802-4438 225-379-1016 Kristy.Smith2@la.gov				
Services commenced by this firm (mm/yy)		06/18	Total consultant contract cost (\$1,000's)			N/A
Services completed by this firm (mm/yy)		10/18	Cost of consultant services provided by this firm (\$1,000's)			\$300

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

GEOTECHNICAL INVESTIGATION TO PROVIDE CLIENT WITH THE NECESSARY INFORMATION FOR PLANNING AND DESIGN A NEW INTERCHANGE TO CONNECT TO THE NEW AIRPORT TERMINAL. A TOTAL OF 33 BORINGS WERE COMPLETED BY APS. OVER 500 ATTERBERGS, HYDROMETER, AND UU WERE TESTED BY A P S WITH CONSOLIDATION TESTS. LADOTD TASKED THIS PROJECT TO A P S WITH ACCELERATED PROGRAM TO MEET THEIR BIDDING DEADLINE. APS WAS SUCCESSFUL TO MEET LADOTD AHEAD OF THEIR DEADLINE AND UNDER BUDGET TO HELP KEEP THE PROJECT ON TRACK.

### MEMBERS INVOLVED:

#### ENGINEERING

SERGIO AVILE S, P. E. - PROJECT MANAGER

SAI EDDANAPUDI, M. E. , P. E.- PROJECT ENGINEER

SURENDRA RAJ PATHAK, M. S. , P E.- STAFF ENGINEER

#### LABORATORY TESTING

SERGIO AVILE S, PE- QA/ QC

SAI EDDANAPUDI, M. E. , P. E.- QA/QC

DONNA EASTERLY- LAB MANAGER

CINDY FALKS- LAB



### 17. Firm Experience:

Firm name	A P S Engineering and Testing				Firm responsibility (prime or sub?)	Prime
Project name	I-10 and I-110 Interchange Modification at Terrance Avenue				Past performance discipline	Geotech
Project number	H.012422		Owner's name	DOTD		
Project location	East Baton Rouge Parish			Owner's Project Manager	Christopher Nickel, P.E.	
Owner's address, phone, email		1201Capitol Access Rd., Baton Rouge, La. 70802-4438 225-379-1016 Chris.Nickel@LA.GOV				
Services commenced by this firm (mm/yy)			06/16	Total consultant contract cost (\$1,000's)		N/A
Services completed by this firm (mm/yy)			09/16	Cost of consultant services provided by this firm (\$1,000's)		\$54k

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

GEOTECHNICAL INVESTIGATION TO PROVIDE CLIENT WITH THE NECESSARY INFORMATION FOR PLANNING AND DESIGN A NEW INTERCHANGE TO CONNECT TO THE BATON ROUGE WASHINGTON EXIT TO TERRANCE AVE. A TOTAL OF SIX BORINGS WERE COMPLETED BY APS. OVER 80 ATTERBERGS,

HYDROMETER, AND UU WERE TESTED BY APS WITH CONSOLIDATION TESTS.

#### MEMBERS INVOLVED

##### ENGINEERING

SERGIO AVILE S, P. E. - PROJECT MANAGER

SAI EDDANAPUDI, M. E. , P. E.- PROJECT ENGINEER

SURENDRA RAJ PATHAK, M. S. , P E.- STAFF ENGINEER

##### LABORATORY TESTING

SERGIO AVILE S, PE- QA/ QC

SAI EDDANAPUDI, M. E. , P. E.- QA/QC

DONNA EASTERLY- LAB MANAGER

CINDY FALKS- LAB



### 17. Firm Experience:

Firm name	A P S Engineering and Testing			Firm responsibility (prime or sub?)	Prime
Project name	I-10 West of LA 108 to I-210 Interchange			Past performance discipline	Geotech
Project number	H.009620	Owner's name	DOTD		
Project location	Calcasieu Parish			Owner's Project Manager	Kristy Smith, P.E.
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, La. 70802-4438 225-379-1016 Kristy.Smith2@la.gov				
Services commenced by this firm (mm/yy)	12/17	Total consultant contract cost (\$1,000's)			N/A
Services completed by this firm (mm/yy)	02/18	Cost of consultant services provided by this firm (\$1,000's)			\$54k

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

GEOTECHNICAL INVESTIGATION TO PROVIDE CLIENT WITH THE NECESSARY INFORMATION FOR PLANNING AND DESIGN A NEW INTERCHANGE AND WIDENING THE EXISTING ROAD. A TOTAL OF FOUR DEEP BORINGS WERE COMPLETED BY A P S. OVER 50 ATTERBERGS, HYDRO METER, AND UU WERE TESTED BY A P S WITH CONSOLIDATION TESTS. LADOTD TASKED THIS PROJECT TO A P S WITH ACCELERATED PROGRAM TO MEET THEIR BIDDING DEADLINE. A P S WAS SUCCESSFUL TO MEET LADOTD AHEAD OF THEIR DEADLINE AND UNDER BUDGET TO HELP KEEP THE PROJECT ON TRACK

#### MEMBERS INVOLVED

##### ENGINEERING

SERGIO AVILE S, P. E. - PROJECT MANAGER

SAI EDDANAPUDI, M. E. , P. E.- PROJECT ENGINEER

SURENDRA RAJ PATHAK, M. S. , P. E.- STAFF ENGINEER

##### LABORATORY TESTING

SERGIO AVILE S, PE- QA/ QC

SAI EDDANAPUDI, M. E. , P. E.- QA/QC

DONNA EASTERLY- LAB MANAGER

CINDY FALKS- LAB



## 17. Firm Experience:

Firm name	A P S Engineering and Testing				Firm responsibility (prime or sub?)	Prime
Project name	I-12 to Bush-Phase II				Past performance discipline	Sub
Project number	H.4400004726	Owner's name	DOTD			
Project location	St. Tammy Parish	Owner's Project Manager	Dennis M. Hymel, Jr., P.E.			
Owner's address, phone, email	107 Global Circle Baton Rouge, LA 985.493.2963 Dennis.Hymel@tbsmith.com					
Services commenced by this firm (mm/yy)	08/17	Total consultant contract cost (\$1,000's)				N/A
Services completed by this firm (mm/yy)	11/17	Cost of consultant services provided by this firm (\$1,000's)				\$80k

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

GEOTECHNICAL INVESTIGATION TO PROVIDE CLIENT WITH NEW ROADWAY. A TOTAL OF EIGHT BORINGS WERE COMPLETED BY A P S TO DO THE DESIGN FOR ROADWAY SETTLEMENT FOR THE E MBANKMENT HIGHER THAN 10 FEET. OVER 50 ATTERBERGS, HYDROMETER, AND UU WERE TESTED BY APS WITH CONSOLIDATION TESTS.

### MEMBERS INVOLVED:

#### ENGINEERING

**SERGIO AVILE S, P. E . - PROJECT MANAGER**

**SAI EDDANAPUDI, M. E . , P. E.- PROJECT ENGINEER**

**SURENDRA RAJ PATHAK, M. S. , P E.- STAFF E NGINEER**

#### LABORATORY TESTING

**SERGIO AVILE S, PE- QA/ QC**

**SAI EDDANAPUDI, M. E . , P. E.- QA/QC**

**DONNA EASTERLY- LAB MANAGER**

**CINDY FALKS- LAB**



### 17. Firm Experience:

Firm name	A P S Engineering and Testing				Firm responsibility (prime or sub?)	Prime
Project name	US 190: LA 437 TO US 190 BUS				Past performance discipline	Geotech
Project number	H.001344	Owner's name	DOTD			
Project location	St. Tammy Parish			Owner's Project Manager	Dennis M. Hymel, Jr., P.E.	
Owner's address, phone, email		107 Global Circle Baton Rouge, LA 985.493.2963 Dennis.Hymel@tbsmoth.com				
Services commenced by this firm (mm/yy)		12/17	Total consultant contract cost (\$1,000's)			N/A
Services completed by this firm (mm/yy)		02/18	Cost of consultant services provided by this firm (\$1,000's)			\$160k

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

GEOTECHNICAL INVESTIGATION TO PROVIDE CLIENT WITH THE NECESSARY INFORMATION FOR PLANNING AND DESIGN OF THE NEW ROADWAY AND BRIDGE OVER BOGUE FALAYA RIVER. A TOTAL OF 12 BORINGS WILL BE CONDUCTED TO COMPLETE THE DESIGN FOR ROADWAY AND BRIDGE. ALL THE NECESSARY TESTING DONE BY IN HOUSE BY A P S LABORATORY.

#### MEMBERS INVOLVED:

##### ENGINEERING

**SERGIO AVILE S, P. E. - PROJECT MANAGER**

**SAI EDDANAPUDI, M. E. , P. E.- PROJECT ENGINEER**

**SURENDRA RAJ PATHAK, M. S. , P E.- STAFF ENGINEER**

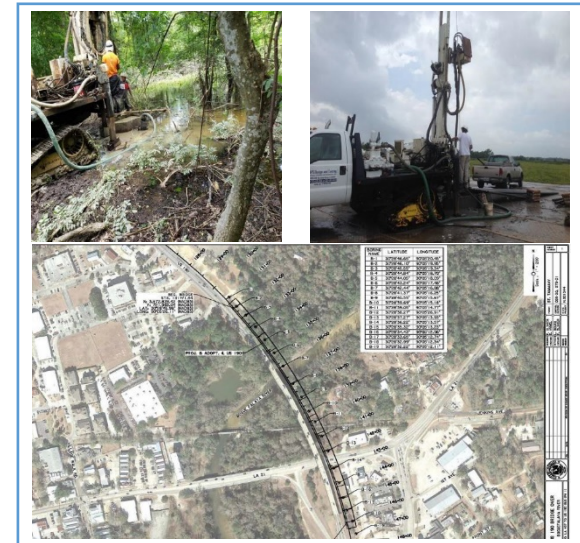
##### LABORATORY TESTING

**SERGIO AVILE S, PE- QA/ QC**

**SAI EDDANAPUDI, M. E. , P. E.- QA/QC**

**DONNA EASTERLY- LAB MANAGER**

**CINDY FALKS- LAB**



### 17. Firm Experience:

Firm name	A P S Engineering and Testing				Past performance discipline	Geotech
Project name	I-10: Highland to LA 73				Firm responsibility (prime or sub?)	Sub
Project number	H.009250	Owner's name	DOTD			
Project location	St. Tammy Parish			Owner's Project Manager	Peggy Paine, P.E.	
Owner's address, phone, email		1201 Capitol Access Rd., Baton Rouge, La. 70802-4438 225-379-1001 Peggy.Paine@la.gov				
Services commenced by this firm (mm/yy)		04/18	Total consultant contract cost (\$1,000's)			N/A
Services completed by this firm (mm/yy)		01/20	Cost of consultant services provided by this firm (\$1,000's)			\$400k

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

A P S WAS TASK WITH THE QA FOR MATERIAL TESTING SERVICE S. AS THE QA TESTING LAB A P S IS CONDUCTING ALL THE APPROVE SOIL, COMPACTION, AND CONCRETE TESTING.

#### MEMBERS INVOLVED:

##### ENGINEERING

SERGIO AVILE S, P. E. - PROJECT MANAGER

SAI EDDANAPUDI, M. E. , P. E.- PROJECT ENGINEER

SURENDRA RAJ PATHAK, M. S. , P E.- STAFF ENGINEER

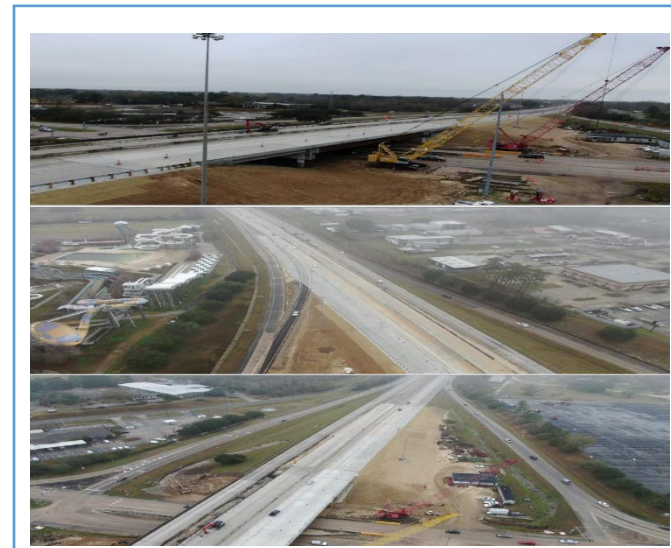
##### LABORATORY TESTING

SERGIO AVILE S, PE- QA/ QC

SAI EDDANAPUDI, M. E. , P. E.- QA/QC

DONNA EASTERLY- LAB MANAGER

CINDY FALKS- LAB



## **18. Approach and Methodology:**

### **Understanding the Project Scope**

This project involves the roadway widening of South Lewis St. to accommodate turn lanes at the intersection of LA 674 (East Admiral Doyle). Presently, the northbound approach of S. Lewis St. to LA 674 has a left turn lane that has less than 100 feet of storage and has a combined through and right turn movement. The southbound approach has a dedicated right turn lane, a through lane, and a left turn lane. Similar to the other approach, the left turn lane has less than 100 feet of storage. Widening S. Lewis Streets and extending the turn lane storage will greatly improve the movement of traffic through the intersection during high volume times.

SKA will lead the team performing all roadway design, will provide overall QC/QA, and will be responsible for all coordination of the work effort by the team members. With SKA's current workload, we have the personnel available to begin these projects immediately and have the ability to complete them on schedule or earlier. T. Baker Smith will provide topographic surveys and as needed, will provide property surveys, right-of-way maps, and title takeoffs. Vectura Consulting Services will provide traffic services with Sergio providing geotechnical services.

SKA has worked with all team members previously on similar projects and has an excellent relationship with all. Additionally, SKA has designed numerous roadway, roadway widening, and intersection improvements for LADOTD and understands the delivery process for these types of projects.

Developing a Transportation Management Plan (TMP) will be required to construct these improvements to accommodate the traffic and to enhance construction phasing. SKA has significant experience with restricted closures and confined TMP's. SKA was the prime design consultant for the French Branch Bridge – West Pearl River Bridge, Route I-10, St. Tammany Parish. This project included the I-10/I-12/I-59 Interchange and was restricted by the FHWA on the time and lane closures allowed. This project was constructed without issue and was awarded the *2016 Transportation Excellence Award*.

### **Work Plan**

*The SKA Team approach, as follows, may change as needed to meet the needs of LADOTD and stakeholders.*

- **KICK-OFF MEETING**

Meeting with LADOTD team members to get a clear understanding of the project goals and to discuss any concerns they may have is an important step in the process. The Kick-off meeting will be used to develop a hierarchy for communication, to establish deliverables for the project, and to develop a more refined project scope as well as reviewing the QC/QA process.



- **TOPOGRAPHIC SURVEY AND DATA COLLECTION**

**T. Baker Smith** proposes to conduct the topographic survey, property survey and right of way mapping utilizing the experience of Jean Reulet, PLS, Rene J. Hebert, PLS, and Matthew J. Ledet, PLS to complete these surveys expeditiously. It is expected that one (1) field crew will be sufficient but if needed, two (2) field crews will be available for this project. T. Baker Smith has a survey crew ready to begin as soon as an NTP is provided. SKA will monitor the progress of the surveys and if needed will consult with T. Baker Smith to increase their efforts by adding an additional crew to meet the needs of the entire team.

T. Baker Smith personnel have experience in conducting property surveys with title takeoffs and right of way mapping for LA DOTD. When the need is determined, T. Baker Smith will conduct a Property survey within the limits of the improvements. The Property Survey will depict the location of existing right of way and apparent property lines for use in the engineering design. Upon completion of the preliminary design, T. Baker Smith will produce a set of right of way maps depicting the required right of way parcels in accordance with Louisiana Administrative Code Title 46 Part LXI Chapter 29 Section 2909 Route Survey and the Location and Survey Manual Addendum A. A parcel metes and bounds description will be created for inclusion into the acquisition instrument used by DOTD to acquire the needed right of way.

- **TRAFFIC SERVICES**

**Vectura Consulting Services** will provide traffic counts for signal design, lane configuration, storage lengths, and for pavement design. Vectura will provide a Traffic Signal Plan set with traffic signal timing development.

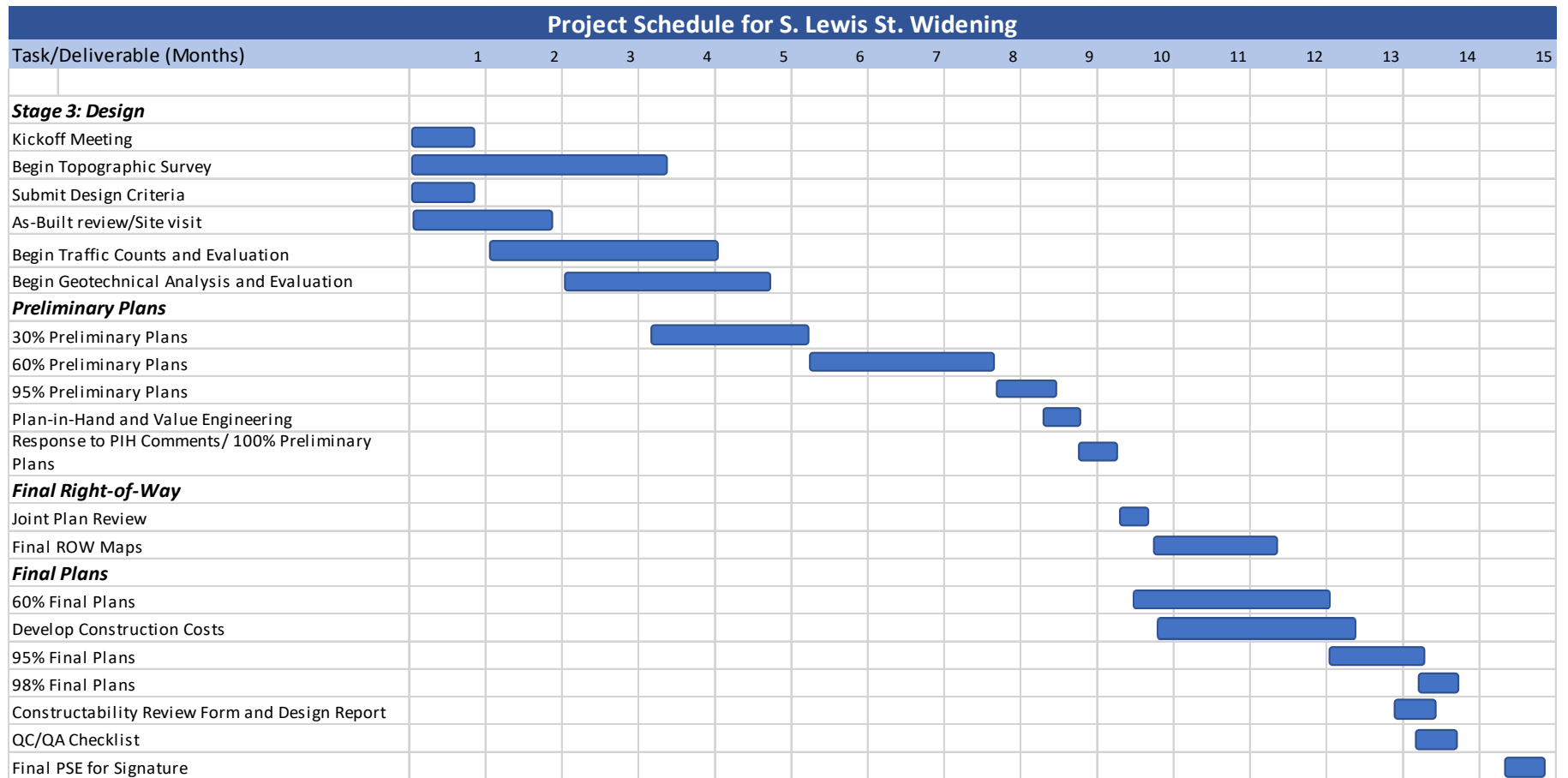
- **GEOTECHNICAL EVALUATION**

**APS Engineering and Testing** will provide geotechnical services for the team. SKA has worked with APS on multiple projects for LADOTD and have developed an excellent relationship. After the Kick-Off Meeting, APS will develop a Geotechnical Investigation Plan (GIP). Once the GIP is approved, APS will begin borings and provide a Geotechnical Data Report to LADOTD.

- **ROADWAY AND INTERSECTION DESIGN**

**Shread-Kuyrkendall & Associates, Inc. (SKA).** will provide the engineering design of the roadway and intersection improvements. Initially, SKA will perform a site evaluation once the NTP is received. As the topographic survey is being performed, SKA can begin compiling “As-Built” plans and perform preliminary drainage evaluation using quad maps to be used for comparison to the topographic survey. Once the topographic survey is completed and approved, SKA will begin preliminary plans. As the traffic analysis provides turn lane configuration, SKA can begin the geometry for the intersection and approaches. **SKA will use Open Roads modeling software** to establish alignments, baselines, and earthwork. SKA will make preliminary plan submittals in accordance with the *Roadway Design Procedures and Details* and once the required preliminary plan submittals have been reviewed, SKA will request a Plan-In-Hand review. At the completion of a plan-in-hand and preliminary plans, SKA will begin preparation of final plans following the delivery process established in the *Roadway Design Procedures and Details*. **SKA will also provide QC/QA for all aspects of the project including sub-consultants.** SKA will provide construction support such as responding to RFI’s and any other support needed.

Gary McClure began his career working in the LADOTD Road Design Section followed by what was then known as the Traffic and Geometric Section.



**Note: Due to limited space, standard reviews of 30%, 60%, 95%, etc. are not shown but are included in the timeline. SKA will follow LADOTD submittal guidelines.**

## 19. Workload:

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	Survey, Road, Bridge	S.P. No. H.009266	I-10 (LA 73 to LA 30) Route I-10, Ascension Parish	616,763
<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	Road	S.P. No. H.005967	Nelson Road Extension & Bridge, Calcasieu Parish	4,755
<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	Road	T.O. No H.012169.5-1	I-10: Iberville P/L West End Miss. Bridge	1,430
<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	Road	T.O. No. H.012587.5	I-10: West End of BR 290 – West End of LA 415	3,707
<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	Survey, Road	T.O. No. H.009266	I-10 Widening (Road/Survey)	161,795
<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	Road	S.P. No. H.011706.5	Road Design Services St. Mary Parish	171,714
<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	Bridge	H.011152	I-12 Widening (sub to T. Baker Smith)	6,377
<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	Road	H.013284	MRB South GBR: LA 1 to LA 30 Connector (sub to Atlas)	32,837
<b>T. Baker Smith, LLC</b>	CE&I/OV	H.004113	LA 3241: LA 435 to LA 40/41	102,556
<b>T. Baker Smith, LLC</b>	CE&I/OV	H.011152	I-12: US 190 to LA 59	70,805
<b>T. Baker Smith, LLC</b>	Road	H.001344	US 190: LA 437 - US 190 BUS (PH1)	11,324
<b>T. Baker Smith, LLC</b>	Bridge	H.001344	US 190: LA 437 - US 190 BUS (PH1)	6,069
<b>T. Baker Smith, LLC</b>	Road	H.012812	US 190 at Northshore and Camp Villere	154,201
<b>T. Baker Smith, LLC</b>	Road	H.013942	LA 9: Middle Fork Bayou and Creek Bridges	5,836
<b>T. Baker Smith, LLC</b>	Bridge	H.013942	LA 9: Middle Fork Bayou and Creek Bridges	7,962
<b>T. Baker Smith, LLC</b>	Road	H.013979	LA 518, Local: Bridges Near Athens	19,843
<b>T. Baker Smith, LLC</b>	Bridge	H.013979	LA 518, Local: Bridges Near Athens	16,286
<b>T. Baker Smith, LLC</b>	Environmental	H.013979	LA 518, Local: Bridges Near Athens	3,482
<b>T. Baker Smith, LLC</b>	Road	H.013988	LA 534: Bridges (LA 2 to Haynesville)	73,961
<b>T. Baker Smith, LLC</b>	Bridge	H.013988	LA 534: Bridges (LA 2 to Haynesville)	35,390
<b>T. Baker Smith, LLC</b>	Environmental	H.013988	LA 534: Bridges (LA 2 to Haynesville)	11,628
<b>T. Baker Smith, LLC</b>	Survey	H.013988	LA 534: Bridges (LA 2 to Haynesville)	6,166

<b>T. Baker Smith, LLC</b>	Road	H.013987	LA 521: Bridges Near Dykesville	4,325
<b>T. Baker Smith, LLC</b>	Bridge	H.013987	LA 521: Bridges Near Dykesville	945
<b>T. Baker Smith, LLC</b>	Road	H.013986	LA 155: Bridges Near Coushatta	40,012
<b>T. Baker Smith, LLC</b>	Bridge	H.013986	LA 155: Bridges Near Coushatta	26,089
<b>T. Baker Smith, LLC</b>	Survey	H.013986	LA 155: Bridges Near Coushatta	10,334
<b>T. Baker Smith, LLC</b>	Environmental	H.013986	LA 155: Bridges Near Coushatta	4,578
<b>T. Baker Smith, LLC</b>	Road	H.013995	LA 507, LA 514, Local: Bayou and CR BRS	89,922
<b>T. Baker Smith, LLC</b>	Bridge	H.013995	LA 507, LA 514, Local: Bayou and CR BRS	45,025
<b>T. Baker Smith, LLC</b>	Environmental	H.013995	LA 507, LA 514, Local: Bayou and CR BRS	20,946
<b>T. Baker Smith, LLC</b>	Road	H.013947	Atkins Road over Joes Bayou	542
<b>T. Baker Smith, LLC</b>	Bridge	H.013947	Atkins Road over Joes Bayou	165
<b>T. Baker Smith, LLC</b>	Road	H.013990	LA 132: Bridges Near Mangham	45,730
<b>T. Baker Smith, LLC</b>	Bridge	H.013990	LA 132: Bridges Near Mangham	31,781
<b>T. Baker Smith, LLC</b>	Environmental	H.013990	LA 132: Bridges Near Mangham	9,031
<b>T. Baker Smith, LLC</b>	Road	H.013953	McManus Road over Cypress Creek	1,223
<b>T. Baker Smith, LLC</b>	Bridge	H.013953	McManus Road over Cypress Creek	\$648
<b>T. Baker Smith, LLC</b>	Road	H.013992	LA 151: Creek and Relief Bridges	43,432
<b>T. Baker Smith, LLC</b>	Bridge	H.013992	LA 151: Creek and Relief Bridges	21,686
<b>T. Baker Smith, LLC</b>	Environmental	H.013992	LA 151: Creek and Relief Bridges	7,598
<b>T. Baker Smith, LLC</b>	Road	H.013994	Oak Hall Road over Bayou Boeuf	1,250
<b>T. Baker Smith, LLC</b>	Bridge	H.013994	Oak Hall Road over Bayou Boeuf	901
<b>T. Baker Smith, LLC</b>	Road	H.013985	Local: Prairie Bayou and Drainage Bridges	1,590
<b>T. Baker Smith, LLC</b>	Bridge	H.013985	Local: Prairie Bayou and Drainage Bridges	516
<b>T. Baker Smith, LLC</b>	Road	H.013948	LA 1183: Turner Canal Bridge	988
<b>T. Baker Smith, LLC</b>	Bridge	H.013948	LA 1183: Turner Canal Bridge	1,257
<b>T. Baker Smith, LLC</b>	Road	H.013949	LA 1226: Bayou Chevreuil Bridge	796
<b>T. Baker Smith, LLC</b>	Bridge	H.013949	LA 1226: Bayou Chevreuil Bridge	201
<b>T. Baker Smith, LLC</b>	Environmental	H.013949	LA 1226: Bayou Chevreuil Bridge	949
<b>T. Baker Smith, LLC</b>	Road	H.013954	Pleasant Ridge Rd Over Rabbit Branch	1,179
<b>T. Baker Smith, LLC</b>	Bridge	H.013954	Pleasant Ridge Rd Over Rabbit Branch	542
<b>T. Baker Smith, LLC</b>	Road	H.013199	Country Estates Dr. Over St. Louis Bayou	12,000
<b>T. Baker Smith, LLC</b>	Bridge	H.013199	Country Estates Dr. Over St. Louis Bayou	18,979
<b>T. Baker Smith, LLC</b>	Road	H.013080	Pine Bluff Rd. & Tack Allen Road Bridges	600
<b>T. Baker Smith, LLC</b>	Bridge	H.013080	Pine Bluff Rd. & Tack Allen Road Bridges	678
<b>T. Baker Smith, LLC</b>	Road	H.014271	LA 537: Bridges Near Plain Dealing	133,075
<b>T. Baker Smith, LLC</b>	Bridge	H.014271	LA 537: Bridges Near Plain Dealing	66,414
<b>T. Baker Smith, LLC</b>	Environmental	H.014271	LA 537: Bridges Near Plain Dealing	31,290
<b>T. Baker Smith, LLC</b>	Road	H.014218	LA 2A: Thorny Branch & Indian Creek Brs	100,943

<b>T. Baker Smith, LLC</b>	Bridge	H.014218	LA 2A: Thorny Branch & Indian Creek Brs	40,746
<b>T. Baker Smith, LLC</b>	Survey	H.014218	LA 2A: Thorny Branch & Indian Creek Brs	90,967
<b>T. Baker Smith, LLC</b>	Environmental	H.014218	LA 2A: Thorny Branch & Indian Creek Brs	27,634
<b>T. Baker Smith, LLC</b>	Road	H.014219	LA 507: Creek Bridges Near Simsboro	118,471
<b>T. Baker Smith, LLC</b>	Bridge	H.014219	LA 507: Creek Bridges Near Simsboro	71,563
<b>T. Baker Smith, LLC</b>	Environmental	H.014219	LA 507: Creek Bridges Near Simsboro	33,751
<b>T. Baker Smith, LLC</b>	Road	H.014222	LA 516: Poland Branch Bridge	47,822
<b>T. Baker Smith, LLC</b>	Bridge	H.014222	LA 516: Poland Branch Bridge	19,279
<b>T. Baker Smith, LLC</b>	Environmental	H.014222	LA 516: Poland Branch Bridge	10,521
<b>T. Baker Smith, LLC</b>	Road	H.014225	LA 528: Clark Bayou Bridge	52,323
<b>T. Baker Smith, LLC</b>	Bridge	H.014225	LA 528: Clark Bayou Bridge	41,978
<b>T. Baker Smith, LLC</b>	Survey	H.014225	LA 528: Clark Bayou Bridge	14,494
<b>T. Baker Smith, LLC</b>	Environmental	H.014225	LA 528: Clark Bayou Bridge	11,700
<b>T. Baker Smith, LLC</b>	Road	H.014228	LA 159: Bridges Near Shongaloo	174,401
<b>T. Baker Smith, LLC</b>	Bridge	H.014228	LA 159: Bridges Near Shongaloo	55,064
<b>T. Baker Smith, LLC</b>	Environmental	H.014228	LA 159: Bridges Near Shongaloo	45,165
<b>T. Baker Smith, LLC</b>	Road	H.014231	LA 153: Topy Creek Relief & Drain Brs	176,126
<b>T. Baker Smith, LLC</b>	Bridge	H.014231	LA 153: Topy Creek Relief & Drain Brs	94,010
<b>T. Baker Smith, LLC</b>	Environmental	H.014231	LA 153: Topy Creek Relief & Drain Brs	37,648
<b>T. Baker Smith, LLC</b>	Road	H.014233	LA 160: Cypress Bayou and Relief Bridges	74,243
<b>T. Baker Smith, LLC</b>	Bridge	H.014233	LA 160: Cypress Bayou and Relief Bridges	46,835
<b>T. Baker Smith, LLC</b>	Environmental	H.014233	LA 160: Cypress Bayou and Relief Bridges	25,333
<b>T. Baker Smith, LLC</b>	Road	H.014236	LA 3008: Bridges Near Cotton Valley	279,556
<b>T. Baker Smith, LLC</b>	Bridge	H.014236	LA 3008: Bridges Near Cotton Valley	134,417
<b>T. Baker Smith, LLC</b>	Environmental	H.014236	LA 3008: Bridges Near Cotton Valley	58,391
<b>T. Baker Smith, LLC</b>	Road	H.014238	LA 818: Barnet Springs & Creek Bridges	99,570
<b>T. Baker Smith, LLC</b>	Bridge	H.014238	LA 818: Barnet Springs & Creek Bridges	64,931
<b>T. Baker Smith, LLC</b>	Survey	H.014238	LA 818: Barnet Springs & Creek Bridges	81,664
<b>T. Baker Smith, LLC</b>	Environmental	H.014238	LA 818: Barnet Springs & Creek Bridges	25,811
<b>T. Baker Smith, LLC</b>	Road	H.014239	LA 589: Lyon Bayou Bridge	71,306
<b>T. Baker Smith, LLC</b>	Bridge	H.014239	LA 589: Lyon Bayou Bridge	30,472
<b>T. Baker Smith, LLC</b>	Survey	H.014239	LA 589: Lyon Bayou Bridge	40,561
<b>T. Baker Smith, LLC</b>	Environmental	H.014239	LA 589: Lyon Bayou Bridge	16,338
<b>T. Baker Smith, LLC</b>	Road	H.014264	LA 556: Bridges Near Choudrant	282,718
<b>T. Baker Smith, LLC</b>	Bridge	H.014264	LA 556: Bridges Near Choudrant	178,496
<b>T. Baker Smith, LLC</b>	Survey	H.014264	LA 556: Bridges Near Choudrant	55,486
<b>T. Baker Smith, LLC</b>	Environmental	H.014264	LA 556: Bridges Near Choudrant	84,706
<b>T. Baker Smith, LLC</b>	Other	H.003931	Calcasieu River Bridge	530,440

<b>T. Baker Smith, LLC</b>	Other	H.014670	LA 1270: LA 77 to End of Control Section	19,840
<b>T. Baker Smith, LLC</b>	Other	H.014747.5	Southern University Ravine Protection	25,602
<b>Vectura Consulting Services, LLC</b>	Traffic	H.011909.5-4	Roundabout: US 171 at Boone St. Leesville, LA Vernon Parish	23,497
<b>Vectura Consulting Services, LLC</b>	Traffic	H.010960.5-5	LA 30 Roundabouts at Tanger I-10 Gonzales, LA Ascension Parish	4,805
<b>Vectura Consulting Services, LLC</b>	Traffic	H.010616	I-20: LA 544 Overpass Replacement	12,958
<b>Vectura Consulting Services, LLC</b>	Traffic	H.005168.2	New Orleans Rail Gateway Jefferson Highway EA	66,998
<b>Vectura Consulting Services, LLC</b>	Traffic	H.005168.2	New Orleans Rail Gateway Avondale EA	281,461
<b>Vectura Consulting Services, LLC</b>	ITS	H.014513.1	Lafayette Regional ITS Architecture	4,087
<b>Vectura Consulting Services, LLC</b>	Traffic	H.007160	EBR Computerized Traffic Signal, Ph VB	68,580
<b>Vectura Consulting Services, LLC</b>	Traffic	H.004791	Belle Chasse Bridge & Tunnel Replacement PPP	21,999
<b>APS Engineering and Testing</b>	Geotech	H.013127	Retainer Contract for Geotechnical Services	53,996
<b>APS Engineering and Testing</b>	Geotech	H.013144	Retainer Contract for Geotechnical Services	45,457

DO NOT SUM

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

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

**20. Certifications/Licenses:**

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

# *Certificate of Completion*

presented to

*Brin Ferlito*

for completing the

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

*Date:* June 4, 2018

*Location:* Baton Rouge, Louisiana

*Professional Development*

*Hours (PDHs) Awarded:* 4

*Polay J. Colone*

*Authorized Instructor*

*John Holt*

*Authorized Instructor*

*John Holt*

*Authorized instructor*



# *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

*John J. Colson*

*Authorized Instructor*

*John J. Colson*

*Authorized Instructor*

*John J. Colson*

*Authorized instructor*



# *Certificate of Completion*

presented to

*Brin Ferlito*

for completing the

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

*Date:* September 10, 2018

*Location:* Baton Rouge, Louisiana

*Professional Development*

*Hours (PDHs) Awarded:* 3

*John A. Chene*

*Authorized Instructor*

*John A. Chene*

*Authorized Instructor*

*John A. Chene*

*Authorized instructor*



# *Certificate of Completion*

presented to

*Laurence Lambert*

for completing the

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

*Date:* July 16, 2018

*Location:* Baton Rouge, Louisiana

*Professional Development*

*Hours (PDHs) Awarded:* 2

*Polly J. Colone*

*Authorized Instructor*

*[Signature]*

*Authorized Instructor*

*[Signature]*

*Authorized instructor*



# *Certificate of Completion*

presented to

*Laurence Lambert*

for completing the

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

Date: July 23, 2018

Location: Baton Rouge, Louisiana

Professional Development

Hours (PDHs) Awarded: 3

*July A. Colone*

Authorized Instructor

*John B. H.*

Authorized Instructor

*John B. H.*

Authorized instructor



# *Certificate of Completion*

presented to

*Laurence Lambert*

for completing the

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

*Date:*      October 15, 2018

*Location:*      Baton Rouge, Louisiana

*Professional Development  
Hours (PDHs) Awarded:*      3

*John A. Clouse*

*Authorized Instructor*

*John A. Clouse*

*Authorized Instructor*

*John A. Clouse*

*Authorized instructor*



# *Certificate of Completion*

presented to

*Prasanth Malisetty*

for completing the

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

*Date:* July 30, 2018

*Location:* Baton Rouge, Louisiana

*Professional Development  
Hours (PDHs) Awarded:* 2.5

*Polly A. Colina*

Authorized Instructor

*[Signature]*

Authorized Instructor

*[Signature]*

Authorized instructor



# *Certificate of Completion*

presented to

*Prasanth Malisetty*

for completing the

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

*Date:* August 6, 2018

*Location:* Baton Rouge, Louisiana

*Professional Development  
Hours (PDHs) Awarded:* 3

*Polly Malone*

Authorized Instructor

*John Holt*

Authorized Instructor

*Richard Brumfield*

Authorized instructor



# *Certificate of Completion*

presented to

*Prasanth Malisetty*

for completing the

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

*Date:* October 29, 2018

*Location:* Baton Rouge, Louisiana

*Professional Development*

*Hours (PDHs) Awarded:* 3

*John J. Colson*

Authorized Instructor

*John J. Colson*

Authorized Instructor

*John J. Colson*

Authorized instructor





AMERICAN TRAFFIC  
SAFETY SERVICES  
ASSOCIATION



This is to affirm that

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

**CERTIFIED FLAGGER**

Expiration Date

**7/25/2022**

State issued in

**LA**

Instructor's Signature

*[Signature]*

Verification available by calling 1-877-455-6637 or at <http://www.flasgpr.com>

*The American Traffic Safety  
Services Association*

*Hereby recognizes that*

**Laurence Lambert**  
has attended

**Traffic Control Supervisor Refresher-LA State Specific  
Training Course**

07/27/2018

Date

Baton Rouge, LA

Location



SAFER ROADS SAVE LIVES

*Jessica Williams*

Training & Products Dept. Director

*Ryan A. Wentz*  
President, CEO

# Certificate of Training

this certifies that

**Prasanth Malisetty**

---

has successfully completed the training  
program requirements for

**Online Flagger Certification Training Course**

---

Awarded on this      29th      day of   January 2020



*The American Traffic Safety  
Services Association*

*Hereby recognizes that*

**Prasanth Malisetty**

has attended

**Traffic Control Technician-LA State Specific  
Training Course**

11/12/2019 to 11/12/2019

Date

Baton Rouge, LA

Location



*Jessica Libby*

Training & Products Dept. Director

*Ryan A. Wintz*

President, CEO

*The American Traffic Safety  
Services Association*

*Hereby recognizes that*

**Prasanth Malisetty**

has attended

**Traffic Control Supervisor-LA State Specific  
Training Course**

11/13/2019 to 11/14/2019

Date

Baton Rouge, LA

Location



*Jessica Libby*

Training & Products Dept. Director

*Ryan A. Wintz*

President, CEO



**LOUISIANA ASSOCIATED GENERAL CONTRACTORS, INC.**

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

May 8, 2018

To Whom It May Concern,

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

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

ATSSA Flagger Training – Brin Ferlito

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

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

Best Regards,

Michael Demouy – LAGC Manager

*The American Traffic Safety  
Services Association*

*Hereby recognizes that*

**Brin Ferlito**  
has attended

**Traffic Control Supervisor Refresher-LA State Specific**

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

Baton Rouge, LA  
Location

Training Course

*Dennis M. Clark*  
Training & Products Dept. Director

*Ryan A. Volante*  
President, CEO



SAFER DRIVERS SAVE LIVES




Dear Certified Flagger:

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

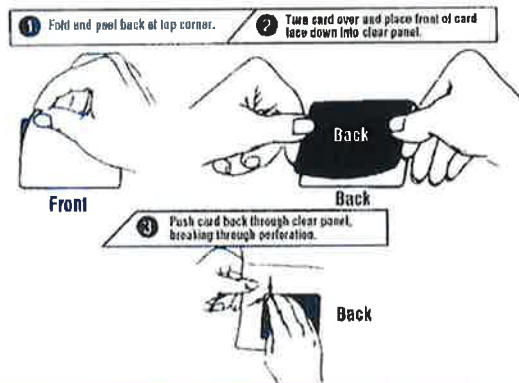
American Traffic Safety Services Association (ATSSA) commends you on your decision to become an ATSSA Certified Flagger. This distinction reflects that you have been trained by the "Leader in Roadway Safety" and also entitles you to be listed on our National Flagger Database. Please review your state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

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

Sincerely,

  
Director of Training

**Laminating the front of your card with Dual Laminate:**



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



**LOUISIANA ASSOCIATED GENERAL CONTRACTORS, INC.**

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

January 7, 2019

To Whom It May Concern,

This is to verify that the below listed employee of APS Engineering & Testing has completed LADOTD required ATSSA traffic control training. We are currently awaiting the results of his exam.

LA Specific Traffic Control Supervisor Refresher – December 7, 2018 – Sergio Aviles

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

Best Regards,

Michael Demouy – LAGC Manager

*The American Traffic Safety  
Services Association*

*Hereby recognizes that*

**Sairam Eddanapudi**  
has attended  
**Traffic Control Technician-LA State Specific**  
Training Course

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

Baton Rouge, LA  
Location



Training & Products Dept. Director

*Ryan A. [Signature]*

President, CEO

# *The American Traffic Safety Services Association*

*Hereby recognizes that*

**Surendra Pathak**

has attended

**Traffic Control Technician-LA State Specific  
Training Course**

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

Baton Rouge, LA  
Location



Training & Products Dept. Director

*Ryan A. Wootz*

President, CEO



# LOUISIANA UNIFIED CERTIFICATION PROGRAM

## Disadvantaged Business Enterprise Program (DBE)

### Small Business Element (SBE)

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

## APS Engineering & Testing, LLC.

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

**NC221310, NC221320, NC541330, NC541370, NC541380, NC541620, NC541690**

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

### **Certificate Eligibility: October 2021 to October 2022**

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

*Rhonda Wallace*

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

*Louisiana Department of Transportation & Development*

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

N/A

**22. Sub-consultant information:**

<b>Firm Name (as registered with Louisiana's Secretary of State)</b>	<b>Address</b>	<b>Point of Contact and email address</b>	<b>Phone Number</b>
<b>T. Baker Smith</b>	17927 Old Jefferson Hwy Prairieville, LA 70769	Paul I. Olivier, P.E. <a href="mailto:Paul.Olivier@tbakersmith.com">Paul.Olivier@tbakersmith.com</a>	(985) 446-7970
<b>Vectura Consulting Services, LLC</b>	8000 Innovation Park Drive, Baton Rouge, LA 70820	Brin Ferlito <a href="mailto:bferlito@vecturacs.com">bferlito@vecturacs.com</a>	(225) 413-2269
<b>A P S Engineering and Testing, LLC</b>	1645 Nicholson Drive, BR, LA 70802	Sergio Aviles <a href="mailto:sergio@aps-testing.com">sergio@aps-testing.com</a>	(225)-456-5714

**23. Location:**

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