

# PROPOSAL FOR IDIQ CONTRACT FOR ROADWAY DESIGN SERVICES DISTRICT 03

CONTRACT NO. 4400024832

**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. Nearly four miles in length, this new alignment consisted of a four-lane divided highway crossed the Comite River, Beaver Bayou, and passed around wetlands, floodplains, and the Waddill Wildlife Refuge.



At the time, it was the largest roadway project constructed in East Baton Rouge Parish. Nearly four (4) miles in length, this roadway consisted of seven (7) girder span bridges. **Shread-Kuyrkendall provided all services from Line & Grade Studies for multiple alignments, Environmental, Permitting, Public Meetings, Design and Construction Administration.**

# **DOTD FORM: 24-102**

(Revised March 1, 2022)

## **PROPOSAL TO PROVIDE CONSULTANT SERVICES**

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

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

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

1. Contract title as shown in the advertisement	<b>IDIQ CONTRACT FOR ROADWAY DESIGN SERVICES DISTRICT 03</b>
2. Contract number(s) as shown in the advertisement	4400024832
3. State Project Number(s), if shown in the advertisement	
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	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:

9/23/22

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

Firm(s):  
Civil Design & Construction

Firm(s)' %:  
10%

## **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>Civil Design &amp; Construction, Inc.</b>	Firm C	Firm D	Firm E	Each Discipline must total to 100%
Road	90%	100%					100%
Survey	10%		100%				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%	90%	10%				

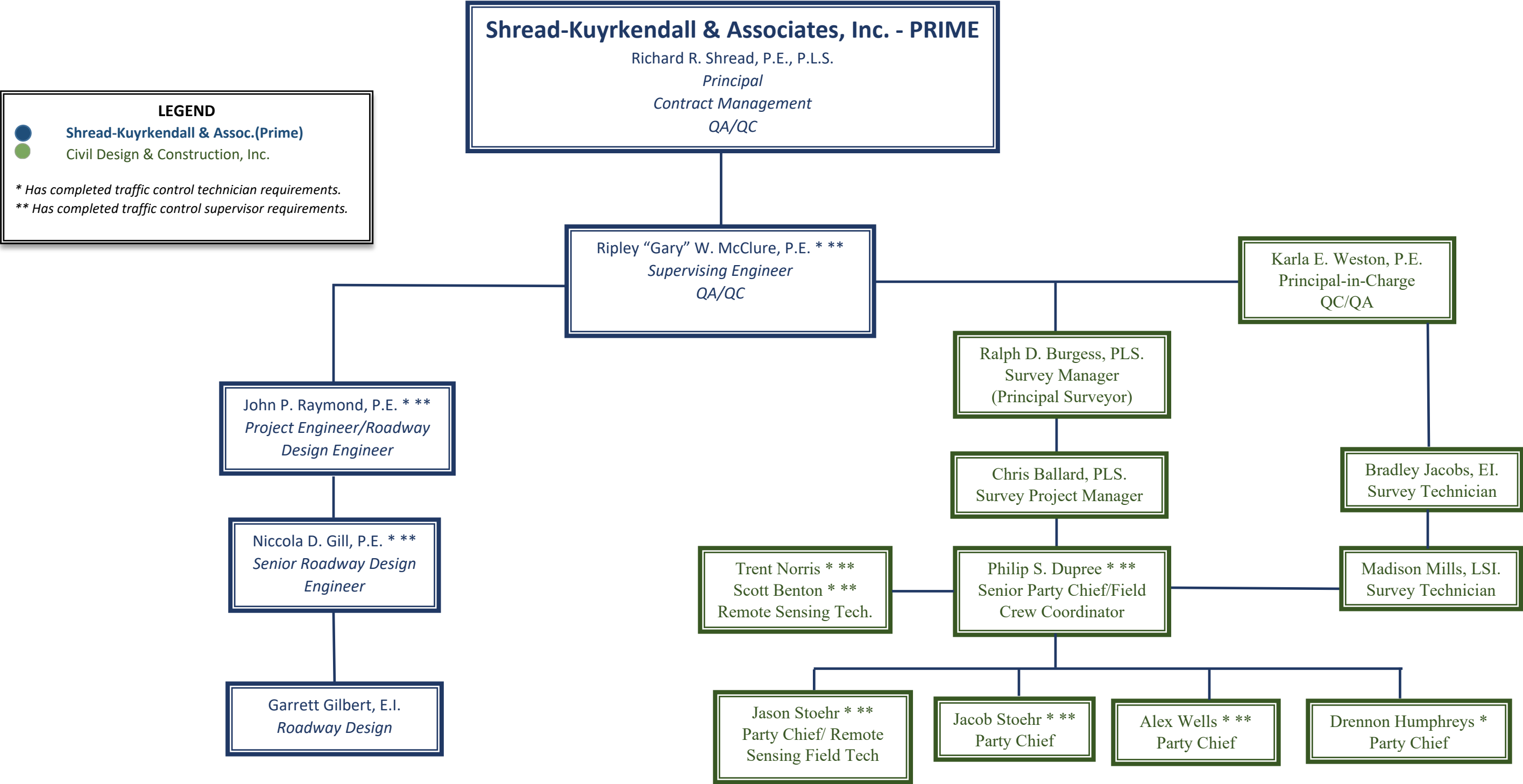
\*The past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other. The crosswalk from the old categories to the new categories can be found at the link below:

[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/CCS/General%20Information/CPPR%20Crosswalk%20to%20New%20Evaluation%20Disciplines.pdf](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)
<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	Principal	1	1
<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	Supervisor-Eng	1	1
<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	Engineer	2	6
<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	CADD Technician	2	2
<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	CADD-Operator	0	2
<b>Civil Design &amp; Construction, Inc.</b>	Supervisor Engineer	1	1
<b>Civil Design &amp; Construction, Inc.</b>	Engineer Intern	1	1
<b>Civil Design &amp; Construction, Inc.</b>	Surveyor	2	2
<b>Civil Design &amp; Construction, Inc.</b>	Party Chief	3	5
<b>Civil Design &amp; Construction, Inc.</b>	Instrument Man	2	2
<b>Civil Design &amp; Construction, Inc.</b>	Rodman	2	2
<b>Civil Design &amp; Construction, Inc.</b>	CADD Operator	1	1
<b>Civil Design &amp; Construction, Inc.</b>	Senior Technician	3	5
<b>Civil Design &amp; Construction, Inc.</b>	Supervisor - Other	1	1

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	9/30/24
2	Richard R. Shread	<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	P.E. (Civil) 18983	LA	9/30/24
3	Ripley W. "Gary" McClure	<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	P.E. (Civil) 24035	LA	9/30/24
3	John P. Raymond	<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	P.E. (Civil) 27988	LA	9/30/24
3	Niccola D. Gill	<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	P.E. (Civil) 32914	LA	3/31/23
4	Ralph Burgess	<b>Civil Design &amp; Construction</b>	P.L.S. 5040	LA	9/30/22
4	Chris Ballard	<b>Civil Design &amp; Construction</b>	P.L.S. 5033	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	34
Title	PRINCIPAL		Years of relevant experience with other employer(s)	14
Degree(s) / Years / Specialization			B.S. / 1974 / Civil Engineering MBA / 1979 / Business Admin	
Active registration number / state / expiration date			18983 / LA / September 30, 2022 PLS. No. 4695 / LA / September 30, 2024	
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-in-charge.	
			Meets MPR 1 & 2	
Experience dates	Experience and qualifications relevant to the proposed contract.			
Mr. Shread has been designing roadways and bridges associated with various classes of highways for well over 48 years. During this period, Mr. Shread has been Principal-in-Charge of multiple Roadway Design Projects.				
<b>Roadway Design</b>				
8/10-1/15	<b>H.003107 / French Branch Bridge – West Pearl River Bridge (I-10/I-12/I-59): St. Tammany Parish</b> – 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. Shread served as Principal-in-Charge of this project. This was a pavement preservation/restoration Project.			
11/07-12/14	<b>H.009064, H.009987, H.009717, H.009712 et. al./ LADOTD Submerged Roads Program (Paths to Progress) (Phase A and Phase B): Multiple Parishes</b> – Mr. Shread served as Project Engineer and Principal-in-Charge for 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. These roadways were pavement preservation/restoration projects.			
10/12 – Present	<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			

<b>Cont'd.</b>	or replacement of the overpasses at LA 73, 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>06/04- 11/06</b>	<b>742-17-0147 / Sullivan Bridge and CN &amp; IC Railroad Bridge/Central Thruway:</b> <i>East Baton Rouge Parish</i> – 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. Mr. Shread has served as project manager from the start of the project until its completion.
<b>11/13-02/15</b>	<b>13-BR-LA-0003, 13-BR-LA-0012, 13-BR-LA-0014 / Multiple Bridge Replacements:</b> <i>East Baton Rouge Parish</i> – Mr. Shread was principal in responsible charge for the bridges located on Mollylea Drive, Claycut Drive, and Albert Drive in Baton Rouge that were in poor condition. The Parish contracted with SKA to replace these bridges and to make channel improvements as needed. Environmental clearance through a Categorical Exclusion (CE) was obtained and the bridges were replaced. These bridges required detour measures that were accommodating to the local area. <b>Hydraulic analysis</b> was performed to determine the required bridge opening and any necessary scour protection was identified. HEC-RAS and LADOTD Hydraulics software was used for the analysis.
<b>06/18-Present</b>	<b>H.001799 / LA 531 Overpass:</b> <i>Webster Parish</i> – As principal, Mr. Shread is overseeing that Shread-Kuyrkendall & Associates is providing preliminary plans for roundabouts at the interstate ramp termini and the corresponding roadway tie-ins for the LA 531 bridge replacement. The project is approximately 0.3 miles long along LA 531. Roundabouts will be constructed at the I-20 entrance/exit ramp intersections with LA 531 both to the north and south of the LA 531 overpass.
<b>04/14-Present</b>	<b>H.004435 / LA 3241 (LA 36 to LA 435):</b> <i>St. Tammany Parish</i> – Currently in the construction phase. This project consists of approximately eight (8) miles of a new alignment in St. Tammany Parish. This new roadway is a four-lane rural arterial freeway (roadway classification RA-3).
	<b>H.013579, H.003047, &amp; H.012290 / Pecue Lane / I-10 Interchange:</b> <i>East Baton Rouge Parish</i> – 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>10/10-Present</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. Shread has served as project manager from the start of the project until its completion.

## 16. Staff Experience:

Firm employed by: Shread-Kuyrkendall & Associates, Inc.				
Name	Ripley "Gary" W. McClure, P.E.		Years of relevant experience with this employer	31
Title	PRINCIPAL/ENGINEERING SUPERVISOR		Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization			B.S. / 1982 / Civil Engineering	
Active registration number / state / expiration date			24035 / LA / September 30, 2024	
Year registered	1988 /1994	Discipline	Civil Engineering / Environmental Engineering	
Contract role(s) / brief description of responsibilities			Mr. McClure's role will be Engineering Supervisor and responsible for QA/QC	
Experience dates			Experience and qualifications relevant to the proposed contract.	
<p><b>Mr. McClure has over 39 years of experience in the design of roadways and bridges. Early in his career, he designed sections of I-49 through Alexandria and Shreveport. Mr. McClure has designed and managed rural and urban Interstate, Arterials, and local roads and is very knowledgeable with LADOTD standards and requirements.</b></p>				
<b>Roadway &amp; Bridge Design</b>				
10/12-Present	<p><b>H.009266 / I-10 (LA 73 to LA 30):</b> <i>Ascension Parish</i> –This project involves the widening of approximately 4.5 miles of Interstate 10 from LA 73 to LA 30. Project scope includes widening the interstate from two lanes in each direction to three lanes in each direction. This project had been on hold due to funding but has recently been fully funded with design underway. Phased construction of bridges at the LA 73 interchange with I-10 requires diversion crossovers and ramp modifications.</p>			
06/20-Present	<p><b>H.012588, H.012169, H.012587/ I-10 (Atchafalaya Basin Bridge to LA 415):</b> <i>West Baton Rouge and Iberville Parishes</i>- Mr. McClure was project engineer for these improvements which involved the overlay and raising of the grade by 8". The asphalt paving was tapered at bridges to allow for smooth transitions. DOTD design guidelines were followed to bring the interstate up to the guideline standards. Fill was used on fore slopes to tie in and match the new 8" overlay. Guardrail was replaced using MASH special details. Existing cable barrier was removed and replaced closer to the shoulder to improve maintenance. Underdrains and cross drains were modified as needed. These roadways were pavement preservation/restoration projects.</p>			



**Meets MPR 3**

<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, complete pavement replacement, and overlay for cross slope correction. Mr. McClure served as Project Engineer and lead designer. Traffic management was a high priority since the three (3) interstates could not be closed or reduced to one lane. Multiple transitions were used to allow restoration of ramps requiring innovative traffic management. This was a pavement preservation/restoration project.
<b>10/16-Present</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. 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 girder span 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. Mr. McClure is currently providing construction support for the project. The design includes AASHTO Type II & Type IV P.S. Girders. Total length of the two bridges is 680 feet each.
<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. To accommodate the ramps, widening of I-10 was necessary. A Final Level 4 TMP was required for this project. A rolling roadblock was used for demolition and girder placement.
<b>04/14-Present</b>	<b>H.004435 / LA 3241 (LA 36 to LA 435):</b> <i>St. Tammany Parish</i> – Currently in the construction phase. This project consists of approximately eight (8) miles of a new alignment in St. Tammany Parish. This new roadway is a four-lane rural arterial freeway (roadway classification RA-3).
<b>03/21-Present</b>	<b>20-CS-HC-0015 / Hennessey Blvd. – Perkins Rd. Connector Railroad Bridge:</b> <i>East Baton Rouge Parish</i> – Presently, an existing at grade rail crossing with two (2) tracks. EBR has contacted with SKA to build an underpass of the roadway beneath the existing railroad. This project involves a steel girder railroad bridge overpass of an arterial road in Baton Rouge. This bridge will be constructed with the rail track remaining live which requires significant shoring with temporary sheeting, waler, and rakers to build one track at a time. Steel girders are the design preference by KCS with a concrete deck and ballast for the railway which is being designed by Mr. McClure.
<b>02/04- 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 4-lane divided thruway for 5.2 miles on a new alignment including seven bridges. Also included in the scope of this project was a corridor study, an environmental assessment, topographic surveys, right-of-way maps and property surveys. Mr. McClure served as project manager from the start of the project until its completion.

## 16. Staff Experience:

Firm employed by: Shread-Kuyrkendall & Associates, Inc.				
Name	John P. Raymond, P.E.		Years of relevant experience with this employer	30
Title	SENIOR PROJECT ENGINEER /DESIGNER		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			B.S. / 1992 / Civil Engineering	
Active registration number / state / expiration date			27988 / LA / September 30, 2024	
Year registered	1998	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Mr. Raymond's role will be Roadway Design and Project Manager. <b>Meets MPR 3</b>	
Experience Dates	Experience and qualifications relevant to the proposed contract.			
<b>Mr. Raymond has been a Project Manager/Design Engineer on multiple classes of roadways throughout his 30 year career with Shread-Kuyrkendall &amp; Associates. He has designed and managed rural and urban Interstate, Arterials, and local roads and is very knowledgeable with LADOTD standards and requirements.</b>				
<b>Roadway Design</b>				
06/18-Present	<b>H.001799 / LA 531 Overpass: Webster Parish</b> – This project has been completed and is ready for construction. This project involved plans for roundabouts at the interstate ramp termini and the corresponding roadway tie-ins for the LA 531 bridge replacement. The project is approximately 0.3 miles long along LA 531. Roundabouts will be constructed at the I-20 entrance/exit ramp intersections with LA 531 both to the north and south of the LA 531 overpass. Mr. Raymond served as project manager and road design engineer for this project.			
10/12-Present	<b>H.009266 / I-10 (LA 73 to LA 30): Ascension Parish</b> Mr. Raymond is managing and designing the roadway work for LADOTD for the widening of approximately 4.5 miles of Interstate 10 from LA 73 to LA 30. Project scope includes widening the interstate from two lanes in each direction to three lanes in each direction. Responsibilities include project management, geometric and hydraulic design, sequence of construction, earthwork, and tabulation of quantities. This project had been on hold due to funding but has recently been fully funded with design underway.			
04/14-Present	<b>H.004435 / LA 3241 (LA 36 to LA 435): St. Tammany Parish</b> – Currently in the construction phase. Mr. Raymond is managing and designing the roadway work for LADOTD for approximately eight miles of a new alignment in St. Tammany Parish. This new roadway is a four-lane rural arterial freeway (roadway classification RA-3). Responsibilities include project management, geometric and hydraulic design, sequence of construction, design of superelevation, earthwork, and tabulation of quantities.			



<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. This was a pavement preservation/restoration 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. These roadways were pavement preservation/restoration projects.
<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. This project is very similar to pavement preservation projects in that the roadway was widened along with pavement replacement.
<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	20
Title	SENIOR PROJECT ENGINEER /DESIGNER		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		B.S. / 2002 / Civil Engineering		
Active registration number / state / expiration date		32914 / LA / March 31, 2023		
Year registered	2007	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		Ms. Gill's role will be Roadway Design.		
		Meets MPR 3		
Experience dates	Experience and qualifications relevant to the proposed contract.			
<p><b>Ms. Gill has been a Project Manager/Design Engineer on multiple classes of roadways and various complex bridge structures for over 20 years with Shread-Kuyrkendall &amp; Associates. She has designed and managed rural and urban Interstate, Arterials, and local roads as well as Interstate and Arterial Bridges. Her experience is expansive with transportation projects.</b></p>				
<b>Roadway Design</b>				
09/19 - Present	<p><b>H.010155 / US 90: Rail Spur Removal SE of LA 85: Iberia Parish – For the future I-49,</b> Ms. Gill is the Project Engineer and Lead Design Engineer for this project which consists of preliminary and final plans for roadway and structure improvements at the existing at grade railroad crossing at US 90 in Iberia Parish. The existing at-grade railroad crossing will be replaced with a bridge structure crossing the railroad. The existing frontage roads will be used for traffic diversion during bridge construction. Ms. Gill is also designing the roadway approaches for several thousand feet to accommodate the bridge structure.</p>			
10/12-Present	<p><b>H.009266 / I-10 (LA 73 to LA 30): Ascension Parish -</b> Ms. Gill is designing the bridges for the widening of approximately 4.5 miles of Interstate 10 from LA 73 to LA 30. Project scope includes widening the interstate from two lanes in each direction to three lanes in each direction. This project involves the widening of approximately 4.5 miles of Interstate 10 from LA 73 to LA 30. This project had been on hold due to funding but has recently been fully funded with design underway. Phased construction of bridges at the LA 73 interchange with I-10 requires diversion crossovers and ramp modifications.</p>			
06/20-05/22	<p><b>H.012588, H.012169, H.012587/ I-10 (Atchafalaya Basin Bridge to LA 415): West Baton Rouge and Iberville Parishes –</b>Ms. Gill was lead design engineer for these improvements which involved the overlay and raising of the grade for I-10 by 8". The asphalt paving was tapered at bridges to allow for smooth transitions. DOTD design</p>			



<b>Cont'd.</b>	guidelines were followed to bring the interstate up to the guideline standards. Fill was used on fore slopes to tie in and match the new 8" overlay. Guardrail was replaced using MASH special details. Existing cable barrier was removed and replaced closer to the shoulder to improve maintenance. Underdrains and cross drains were modified as needed. These roadways were pavement preservation/restoration projects.
<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 <b>overlay for cross slope correction</b> . Ms. Gill performed roadway design and traffic control for the design of this project. This was a pavement preservation/restoration project.
<b>03/21-Present</b>	<b>20-CS-HC-0015 / Hennessey Blvd. – Perkins Rd. Connector Railroad Bridge:</b> <i>East Baton Rouge Parish</i> Presently, an existing at grade rail crossing with two (2) tracks. EBR has contacted with SKA to build an underpass of the roadway beneath the existing railroad. This project involves a steel girder railroad bridge overpass of an arterial road in Baton Rouge. This bridge will be constructed with the railroad remaining live which requires significant shoring with temporary sheeting, waler, and rakers to build one track at a time. Steel girders are the design preference by KCS with a concrete deck and ballast for the railway. Ms. Gill is Project Engineer and Lead Design Engineer for this project.
<b>04/14 - Present</b>	<b>H.004435 / LA 3241 (LA 36 to LA 435):</b> <i>St. Tammany Parish</i> – Currently in construction, Ms. Gill was the bridge design engineer for this project and was responsible for the design of the caps, Type III girders, deck, and other parts of the bridges in accordance with the most recent AASHTO LRFD requirements. Ms. Gill utilized LEAP software for all aspects of the bridge such as girders and caps. Additionally, she performed <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>10/10-Present</b>	<b>H.013579, H.003047, &amp; H.012290 / Pecue Lane / I-10 Interchange:</b> <i>East Baton Rouge Parish</i> – 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.

## 16. Staff Experience:

Firm employed by: Shread-Kuyrkendall & Associates, Inc.				
Name	Garrett Gilbert E.I.		Years of relevant experience with this employer	3
Title	Engineer Intern		Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization			B.S. / 2018 / Civil Engineering	
Active registration number / state / expiration date			34007 / LA / September 30, 2023	
Year registered	3	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities			Mr. Gilbert's role will be Roadway Design.	
Experience dates	Experience and qualifications relevant to the proposed contract.			
06/2019-Present	<b>H.003047/ Pecue Lane/ I-10 Interchange (PHASE 3):</b> Mr. Gilbert performed the quantity estimation and cost estimation for the Pecue Lane DDI Interchange project. The project was the addition of an DDI interstate interchange at Pecue Ln. and I-10.			
09/2019-03/2022	<b>H.004435/ LA 3241: LA 36 TO LA 435:</b> Mr. Gilbert performed the quantity and cost estimation for the new construction project of LA 3241. Mr. Gilbert designed the erosion control and signing for the project. The project is new construction of a 4-lane median separated, rural arterial roadway.			
12/2019-Present	<b>MA-17-02/ RODDY ROAD WIDENING: US 61 TO LA 935:</b> Mr. Gilbert performed the quantity and cost estimation for the Roddy Road widening project. Mr. Gilbert also performed the signing, and erosion control for the project. The project was a reconstruction of the existing roadway that widened the existing section to current design standards.			
01/2020-Present	<b>MA-18-08/ HENRY ROAD @ LA 930 ROUNDABOUT:</b> Mr. Gilbert performed the quantity and cost estimation for the Henry Road RAB project. Mr. Gilbert also performed the drainage design and signing for the project. The project was a single lane RAB to replace a 4-way stop intersection.			
04/2020-04/2022	<b>H.001799/ LA 531 OVERPASS:</b> The LA 531 Overpass project was the replacement of a standard interstate interchange with two RABs. Mr. Gilbert performed the quantity and cost estimation. Mr. Gilbert performed the joint layout, drainage design, signing, and erosion control for the project. Mr. Gilbert assisted with sequencing of the project specifically designing the detour roadways.			
07/2020-Present	<b>H.012588/H.012169/H.012587 I:10 OVERLAYS ATCH BASIN BRIDGE TO W END OF LA 415:</b> These are three separate overlay projects that follow sequentially along I:10. The project intention is to overlay the existing pavement by 8” over existing structure, using transitions to meet tie-ins at project limits and bridges. Much of the projects are adjusting existing conditions to meet design standards. Mr. Gilbert managed all parts of plan creation under P.E. supervision. This includes adjustments to drainage, road, striping, earthwork, guardrail,			

	sequence of construction, and cable barriers. OpenRoads was used moderately through the projects in attempt to prepare for the eventual switch to the program for DOTD projects.
04/2021-08/2022	<b>H.014051/ LAKEWOOD DR. RECONSTRUCTION:</b> The Lakewood Dr. reconstruction is the reconstruction of an urban minor collector. Mr. Gilbert performed the quantity and cost estimation for the project. Mr. Gilbert also performed a drainage study in a separate contract with St. Charles Parish. The purpose was to investigate observed insufficiencies in the subsurface drainage system along the Lakewood Dr. corridor. The study used LADOTD HYDRWIN programs to inform sufficiency of the existing drainage system on Lakewood Dr.
08/2021-Present	<b>20-CP-HC-0015/ HENNESSEY BOULEVARD – PERKINS ROAD CONNECTOR DESIGN STUDY:</b> The project is the adjustment of Hennessey Blvd. to allow for emergency access to Our Lady of the Lake Hospital from the southern approach. Currently the southern approach to the hospital can be obstructed by the railroad that runs East West and is located south of the hospital. The only way to avoid the potential obstruction posed by the R/R is to go over with a roadway bridge, or under using a R/R bridge. Mr. Gilbert performed preliminary vertical and horizontal alignment design, geometric design (multiple intersections). Final plan design is beginning, and Mr. Gilbert has performed drainage design for the project and geometric design.
05/2021-Present	<b>MA-20-01/ LA 73 TO BLUFF ROAD (LA 928) CONNECTOR :</b> The Bluff connector project is a new construction project for a connector road between LA 73 and Bluff Road. Mr. Gilbert handled vertical alignment and drainage design for the project. Mr. Gilbert also handled quantity and cost estimation for the project. A large portion of the project was designed using OpenRoads. This work in OpenRoads was also used to perform an inhouse OpenRoads tutorial presented by Mr. Gilbert.
05/2017-08/2017, 05/2018-08/2018, 01/2019-06/2019	<b>Mississippi Department of Transportation: Brookhaven Construction Office / Carthage Construction Office / Whitfield Construction Office:</b> Mr. Gilbert interned with MDOT for two summers and was a full-time employee after graduation for five months. Mr. Gilbert worked for various MDOT construction offices which work to insure MDOT projects are constructed to state standards and handles appropriate payment for construction. Mr. Gilbert began in inspection roles, ensuring contractors performed tasks to proper standards and quantities were recorded for payment purposes. Towards the end of his employment with MDOT Mr. Gilbert was being trained to manage projects. Mr. Gilbert spent most of his time with MDOT in the field, overseeing reconstruction, new construction, bridge construction and all-encompassing work related to these types of state transportation projects.

## 16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)				
Name	Karla E. Weston, PE		Years of relevant experience with this employer	17
Title	President		Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization			Bachelor of Science / 1999 / Civil Engineering	
Active registration number / state / expiration date			31010 / Louisiana / March 31, 2024	
Year registered	2004	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			Mrs. Weston will oversee the firms' role as a sub-consultant and make sure the work is completed to LADOTD standards.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
02/16-09/19	<b><u>H.003047 Pecue Lane/I-10 Interchange, Baton Rouge, LA:</u></b> Ms. Weston's served as Principal-in-Charge for the firm's role as a sub-consult for the engineering design services of the West Bound on Ramp to I-10, the West Bound Off Ramp from I-10, the extension to Rieger Road and Pecue Lane Extension. She has worked to oversee the firms design, coordinate with the prime consultant and government agencies.			
12/13 – 10/19	<b><u>H.02960 Gramercy Bridge, St. James Parish, LA:</u></b> Ms. Weston served as Principal-in-Charge for the firm's role as a subconsultant for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project			
02/14 - 02/15	<b><u>H.010620 I-49 Design Build, Lafayette, LA:</u></b> Ms. Weston provided QA/QC review for the Roadway Design Plans on this Design-Build Project for part of the I-49 South Corridor.			
05/13 – 05/14	<b><u>H.009288.5 LA 1 Railroad Bridge at DOW, WBR Parish, LA:</u></b> Mrs. Weston served as Principal-in-Charge for the firm's role as a sub-consult for the engineering design elements of the plans including Hydraulic Analysis and Design, Typical Sections, and Graphical Grades for the project. She has worked to oversee the firms design, coordinate with the prime consultant and government agencies.			
01/06 – 12/12	<b><u>EBR City/parish Project No. 06-CS-HC-0018, Fairchild-Badley Roadway, EBR Parish, LA:</u></b> Ms. Weston served as Principal in Charge for this project that was approx. 1.25 miles in length along Fairchild-Badley Road and also included approximately 600 linear feet of Elm Grove Garden Dr. CD&C designed the upgrade to the existing narrow roadway to a typical section of 2-11' lands with a 2' barrier curb and gutter, and a 6' adjacent sidewalk. This included the design of a new sub-surface drainage system throughout the length of the project as well.			

03/12 – 07/12	<b><u>H.009104.5 - Sunshine Bridge Phase 2:</u></b> Ms. Weston served as Project Manager and Engineer for CD&C's portion of this Bridge Rehab Retainer Contract project which included the Traffic Management plans for the project. CD&C provided the Traffic Control design plans including detour maps of local road network for the repairs and widening to the Sunshine Bridge.
05/11 – 04/12	<b><u>Red River – Jackson Street Bridge, Alexandria, LA:</u></b> Ms. Weston served as Project Manager and Engineer for CD&C's portion of this Bridge Rehab Retainer Contract project which included the Traffic Management plans for the project. CD&C provided the Traffic Control design plans including detour maps of local road network for the replacement of the Jackson Street Bridge over the Red River.
06/12 – 10/12	<b><u>H.009986 – Paths 2 Progress. Jefferson, Orleans, Plaquemines, St. Bernard, and St. Tammany Parishes – Group 33</u></b> Ms. Weston served as the Principal-in-charge/Project Manager for this roadway rehabilitation project of roads in Jefferson Parish. This included field reconnaissance to determine severity of inundated roadways due to Hurricane Katrina, preparation and detailing of roadway rehabilitation plans, typical sections, providing quantity calculations, etc.
12/11 – 4/12	<b><u>H.005902.5 - Consulting Services for the Permanent Repair to Federal Aid Eligible Roads as a Result of Damage due to Hurricane Katrina in 2005. Jefferson, Orleans, Plaquemines, St. Bernard, and St. Tammany Parishes – Group 29</u></b> Ms. Weston served as the Principal-in-charge/Project Manager for this project which included survey, field reconnaissance to determine severity of inundated roadways due to Hurricane Katrina in the City of New Orleans, preparation and detailing of roadway rehabilitation plans, typical sections, providing quantity calculations, etc.
01/06 – 07/06	<b><u>Picardy Avenue Extension–City/Parish of East Baton Rouge:</u></b> Ms. Weston served as Principal-in-Charge for this extension of Picardy Avenue, connecting Bluebonnet Blvd. with I-10 West. Duties included project layout and design as wells as subsurface drainage design for approximately ½ mile.

## 16. Staff Experience:

Firm employed by		Civil Design & Construction, Inc. (CD&C)		
Name	Ralph Burgess, PLS		Years of relevant experience with this employer	11
Title	Principal Land Surveyor		Years of relevant experience with other employer(s)	12
Degree(s) / Years / Specialization			BS / 2004 / Industrial Design & Supervision, Southeastern LA University	
Active registration number / state / expiration date			5040 / Louisiana – September 30, 2022	
Year registered	2010	Discipline	Land Surveyor	
Contract role(s) / brief description of responsibilities.			Mr. Burgess serve as the Survey Manager for this project. He will work to oversee the project progress stays on schedule, aide in both crew coordination and office production, and provide final QC on the firms’ deliverable to the Prime Consultant. Mr. Burgess has an extensive background in providing topographic surveys for LADOTD in accordance with Location and Survey policies and procedures. He has overseen projects utilizing traditional means and methods of collecting data as well as those that include the use of 3D Terrestrial Scanning.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
07/20 – 04/21	<b>H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish:</b> Mr. Burgess was the Survey Manager for this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. This included merging of data from a previous survey on one portion of the site and field verifications of that data. The topographic data for this project was collected traditionally.			
01/18-01/20	<b>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</b> . Burgess was the surveying Manager for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500’ for control verification and incorporation of the Mobile Lidar for the I-10 pavement.			
7/17-12/18	<b>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</b> Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD & Cardno, Inc for utility locations, coordination of crews and 3D terrestrial scanning crew along with office personnel, coordination. Special duties were merging of two state projects with project survey for final submittal to combine all projects together.			
01/16-08/16	<b>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</b> Mr. Burgess served as Survey Manager for the project. Duties included complete topographic survey and drainage map for this project including all utility coordination. The survey began at the intersection of US 190 and Holiday Square Frontage Road. From this point, the survey proceeded in a northerly direction along US 190 for approximately 2.9			

	miles to a point that is 700 feet South of Intersection of US 190 and E. Boston St. in Covington, LA. This project also included work in the Abita River and utilized 3D Terrestrial Scanning for the main route.
10/15-12/18	<b>H.003184.5 I-10 Texas State Line –East of Coone Gully, Calcasieu Parish, LA:</b> Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD, coordination of traditional crews and 3D terrestrial scanning crew, coordination of utility companies on the project, review and verification of drainage crossing I10, merging of existing topographic survey of bridges from LADOTD and final review of all survey data for submittals
08/16-12/17	<b>H.011235 I-49 South at Verot School Road, Lafayette, LA:</b> Mr. Burgess served as the Survey Manager for the project. Duties included meeting with LADOTD, and all consultants on the team, coordination of both traditional crews and 3D terrestrial scanning crew, coordination of survey crews with Cardno, Inc, utility locations on the project, met and review right of entry with landowners for project, review of drainage map, merging of existing topographic survey of the I-49 Connector project from LADOTD with current survey of project, review of apparent right of way mapping for prime consultant, and final review of all survey data.
07//14-10/15	<b>H.011088.5 I-110 North Street to Plank Road, EBR Parish, LA:</b> Mr. Burgess served as Survey Manager for the project. Duties included meeting with LADOTD, coordination of traditional crews and 3D terrestrial scanning crew, review and verification of drainage map, merging and final review of all survey data for submittals. Other special duties were coordinating with LADOTD District 61 for a rolling lane closure for location of drainage located in the interior of the project along the existing crash wall. Also, coordination with LADOTD Records and EBR City Parish regarding the research of all drainage structures that enter and leave the project area.
04/17-07/17	<b>H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA:</b> Mr. Burgess served as Survey Manager on this project which included a complete topographic survey, utility coordination, channel cross-sections and the scanning of the existing vertical lift bridge for the design of its repairs/replacement. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning and hydrographic surveying.
03/14-06/14	<b>H.008369 Cleo Road Roundabout, St. Tammany Parish, LA:</b> Mr. Burgess served as the project manager for the project. CD&C was responsible for the topographic survey that began approximately 2400 ft. NW of intersection of I-59 and US Hwy 1090 and ended approximately 1000 ft. NW of intersection of I-59 and US Hwy 1090. The survey also included 500 ft. of Cleo Road and 175 ft. of Avenue D.
05/13-07/13	<b>H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA:</b> Survey Manager for this project located in West Baton Rouge Parish. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.
10/14-12/14	<b>H.011088.5 West Prien Lake, Lake Charles, LA:</b> Mr. Burgess served as the Survey Manager for this project. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.
02/14-03/17	<b>H.010620 I-49 Design Build:</b> Mr. Burgess managed and supervised all field work, utility coordination, and review of existing survey data for final topographic survey submittal. CD&C also produced ROW maps for the project. Mr. Burgess's duties for this portion also included title reports, review of property surveys and final submittal of final existing right of way plans.

## 16. Staff Experience:

Firm employed by		Civil Design & Construction, Inc. (CD&C)		
Name	Chris Ballard, PLS		Years of relevant experience with this employer	6
Title	Survey Project Manager		Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization			BS / 2004 / Biological Science / Southeastern LA University	
Active registration number / state / expiration date			5033 / Louisiana – September 30, 2022	
Year registered	2010	Discipline	Land Surveyor	
Contract role(s) / brief description of responsibilities.			Mr. Ballard serve as the Survey Project Manager for this project. He will work to oversee the project progress stays on schedule, aide in both crew coordination and office production, and provide final QC on the firms’ deliverable to the Prime Consultant. Mr. Burgess has an extensive background in providing topographic surveys for LADOTD in accordance with Location and Survey policies and procedures. He has overseen projects utilizing traditional means and methods of collecting data as well as those that include the use of 3D Terrestrial Scanning.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
09/01/18-01/20	<b><u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u></b> Mr. Ballard is the Surveying Project Manager for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415 including work on Tributaries of the Intercoastal Canal. This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500’ for control verification and incorporation of the Mobile Lidar for the I-10 pavement.			
04/17-07/17	<b><u>H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA:</u></b> Mr. Ballard served as the firms Survey Project Manager on this project which included a complete topographic survey, utility coordination, channel cross sections, and the scanning of the existing vertical lift bridge for the design of its repairs/replacement. Project included data collection of the topography via traditional means and methods along with 3D terrestrial scanning and hydrographic surveying.			
02/19-09/19	<b><u>Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA:</u></b> Mr. Ballard is serving Survey Project Manager for this project for East Feliciana Parish Police Jury. It includes the replacement of 2 bridges which were damaged from flooding and the repairs to many rural roadways throughout the parish. These projects are being funded thru FEMA and all documentation has to be in accordance with FEMA’s policies and procedures.			

01/17-12/17	<b><u>East Baton Rouge Parish Bridges, East Baton Rouge Parish, LA:</u></b> In 2017, CD&C has performed topographic surveys for at least 4 Bridge Replacement Projects throughout East Baton Rouge Parish. Mr. Ballard served as Survey Project Manager on each of these projects which included cross-sectioning and tracing the channel at each location. These included bridges over Dawson Creek, Claycut Bayou, Copper Mill Bayou, and Cypress Bayou.
10/16 - 11/16	<b><u>H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA:</u></b> Mr. Ballard served as the Project Manager for this Project. Among the duties performed for the project were review of the crew work conditions, review & processing of the survey data, verification, and review of final submittal. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer's design of the new bridge. To utilize data collection of the failed bridge, <b>3D Terrestrial Scanning</b> was incorporated in conjunction with traditional means to complete the topographic survey. Due to the nature of the project being an Emergency Bridge replacement all staff worked on this project non-stop until field work was completed in less than 3 weeks.
09/17 -09/17	<b><u>H.012650.5-1 District 62 Bridges, Livingston and Tangipahoa Parishes, LA:</u></b> Mr. Ballard served as a Survey Project Manager for this project which included 5 bridge sites in District 62. In addition to all of the existing data for the bridge and roadway at each site, each channel was cross-sectioned both upstream and downstream of the bridge. These included bridges over the US 190 Bridge over Gray's creek, 2 bridges on LA 442 both crossing East Hog Branch, LA 1063 over the Natalbany River, and US 51 over Ponchatoula Creek. Several of these bridges including the US190 one was surveyed utilizing <b>3D Terrestrial Scanning</b> .
10/15 - 12/18	<b><u>H.003184.5 I-10 Texas State Line – East of Coone Gully, Calcasieu Parish, LA:</u></b> Mr. Ballard served as the Survey Project Manager on this project which is a 6-lane widening of I-10. Duties performed on this project included the review of the survey information from crew, verification of project delivery schedule, processing of data and final review of submittal of project. 3D Terrestrial Scanning was used in conjunction with traditional means and methods for the completion of this project.
01/16 - 08/16	<b><u>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</u></b> Mr. Ballard served as the Survey Project Manager on this project. CD&C provided a complete topo survey & drainage map along with utility coordination for the project. Project duties included <b>processing</b> of data, review of field notes and weeklies, & performing final punch list. This project also included work in the Abita River utilized <b>3D Terrestrial Scanning</b> for the main route.
10/15 - 01/16	<b><u>H.011773 Hanks Dr/Landis Drive Pedestrian Improvements, East Baton Rouge Parish, LA:</u></b> Mr. Ballard served as the Survey Project Manager on this project that included a topographic survey and establishment of the ROW for Hanks Dr. for installation of new sidewalk.
06/11 - 09/13	<b><u>260-01-0028, H.002372 LA 42 Widening and Improvements, Ascension Parish, LA:</u></b> Mr. Ballard worked as a PLS on this project which included boundary and topography, establishing the existing ROW and acquisition of additional ROW.
07/17 - 12/18	<b><u>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</u></b> Mr. Ballard served as the Survey Project Manager on this project that includes a complete topo survey, utility coordination and drainage, along with finish floor elevations of all buildings that fall within the survey limits. Project included data collection of the topography via traditional means and methods along with <b>3D terrestrial scanning</b> .

## 16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)				
Name	Philip Dupree		Years of relevant experience with this employer	10
Title	Survey Party Chief		Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization				
Active registration number / state / expiration date		NSPS Certified Survey Technician, Level III, Boundary Cert. No. 0799-1106 Nationwide; ATSSA Certified as Registered Flagger ATSSA Certified Traffic Control Tech & Traffic Control Supervisor		
Year registered		Discipline		
Contract role(s) / brief description of responsibilities		Mr. Dupree is the Senior Survey Party chief who will work to oversee a crew as well as aide in coordinating all crews with Survey PM to ensure field work is being completed timely and accurately.		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
07/20 – 04/21	<b><u>H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish:</u></b> r. Dupree was the Senior Party Chief & Field Coordinator for this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.			
01/18-02/2020	<b><u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u></b> Mr. Dupree is the Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.			
07/17-12/2018	<b><u>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</u></b> Mr. Dupree is serving as Field coordinator on this project by working specifically to set the control on the job and overseeing field crews as they work to complete the topography.			
10/15-12/2018	<b><u>H.011235 I-49 South at Verot School Road, Lafayette, LA:</u></b> Mr. Dupree served as Field coordinator on this project. He resurrected the original control set on the project and oversaw the checking of it. Mr. Dupree was the field coordinator with the R/R and also the SUE contractor on the project. He oversaw all field crews and ensured that the project was completed accurately and timely.			
01/16-08/2016	<b><u>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</u></b> Mr. Dupree served as Field coordinator on this urban roadway topography project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule.			
10/16-11/2016	<b><u>H.012728.5 LA 443: Tangi River Bridge Replacement, Tangipahoa Parish, LA:</u></b> Mr. Dupree served as Field coordinator on this project. CD&C completed a topographic survey which included all utilities with depths, all drainage, all building			

	information including finish floor elevations, and all super/substructure of the bridge over the Tangipahoa River. Additional information regarding the river was located by traditional means upstream and downstream for the engineer's design of the new bridge. To utilize data collection of the failed bridge, 3D Terrestrial Scanning was incorporated in conjunction with traditional means to complete the topographic survey.
07/14/10/2015	<b><u>H.010319.5 I-110 North St. to Plank Road, Baton Rouge, LA:</u></b> Mr. Dupree served as Field coordinator on this heavily traveled Interstate project that included 3D scanning in addition to traditional topography. He oversaw the daily progress of both traditional field crews and scan crews and completed the project accurately and on schedule. He also coordinated with the district and state police to oversee the rolling lane closure that was required to obtain the drainage invert data.
05/13-07/13	<b><u>H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA:</u></b> Mr. Dupree served as Senior Party Chief for this project located in West Baton Rouge Parish. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.
10/14-12/14	<b><u>H.011088.5 West Prien Lake, Lake Charles, LA:</u></b> Mr. Dupree served as the Senior Party Chief for this project working to collect all field data as required by the project. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.
02/14-03/17	<b><u>H.010620 I-49 Design Build:</u></b> Mr. Dupree served as the Senior Party Chief for this project working to collect all field data as required by the project. CD&C also produced ROW maps for the project. Mr. Dupree also was the lead Party Chief for the property surveys on this project.

## 16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)				
Name	Jacob Stoehr		Years of relevant experience with this employer	7
Title	Survey Party Chief		Years of relevant experience with other employer(s)	1.5
Degree(s) / Years / Specialization				
Active registration number / state / expiration date			ATSSA TCS, TCT, Flagger	
Year registered		Discipline		
Contract role(s) / brief description of responsibilities			Mr. Stoehr will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
01/18-01/2020	<b><u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u></b> Mr. Stoehr served as a Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.			
07/17-12/2018	<b><u>H.010960.5-2, LA 30 Roundabouts at Tanger I-10, Ascension Parish, LA:</u></b> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
08/16-01/2018	<b><u>H.011235 I-49 Verot School Road, Lafayette, LA:</u></b> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
05/17-07/2017	<b><u>H.011909.5-2 Roundabout US 171 at Boone Street, Vernon Parish, LA:</u></b> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
01/16 – 08/16	<b><u>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</u></b> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
10/15 – 12/2018	<b><u>H.003184.5 I-10 Texas State Line East of Coone Gully:</u></b> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
10/16 – 11/16	<b><u>H.012728.5 LA 443 Emergency Bridge Replacement, Tangipahoa Parish, LA:</u></b> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			

## 16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)				
Name	Alex Wells		Years of relevant experience with this employer	2.5
Title	Survey Party Chief		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization				
Active registration number / state / expiration date			ATSSA TCS, TCT, Flagger	
Year registered		Discipline		
Contract role(s) / brief description of responsibilities			Mr. Wells joined CD&C in 2020 as a Rodman and has worked his way up to a Party Chief. He will work managing a crew to collect topographic data in accordance with LADOTD code book and standard procedures.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
07/20 – 10/21	<b><u>H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek:</u></b> Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
07/20 – 10/21	<b><u>H.013989 Greybow Rd. Palmetto Creek:</u></b> Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
07/20 – 04/21	<b><u>H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish:</u></b> Mr. Wells was an Instrument Man on this project. CD&C was a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.			
02/21 – 05/21	<b><u>H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School, Baton Rouge, LA:</u></b> Mr. Wells worked as Survey Party Chief on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
10/20 – 01/21	<b><u>H014302 US 165 Lighting, Monroe, LA:</u></b> Mr. Wells was an Instrument Man on this project. CD&C was a sub-consultant on this project was responsible for topographic surveying of US 165 south of Monroe for a highway lighting improvement. The topographic data for this project was collected both traditionally and with the use of 3D Terrestrial Scanning.			

## 16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)				
Name	Jason Stoehr		Years of relevant experience with this employer	5
Title	Survey Party Chief		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization				
Active registration number / state / expiration date		ATSSA TCS, TCT, Flagger		
Year registered		Discipline		
Contract role(s) / brief description of responsibilities				
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
07/20 – 04/21	<b><u>H.001352.5 and H.002273.5 Comite River Diversion Bridge at LA 67, LA 19 and LA 19 Railroad Bridge, East Baton Rouge Parish:</u></b> Mr. Stoehr was a Party Chief on this project. CD&C as a sub-consultant on this project was responsible for topographic surveying the LA 67 and LA 19 sites of the Comite River Diversion project. The topographic data for this project was collected traditionally.			
01/18-01/2020	<b><u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u></b> Mr. Stoehr is the Survey Party Chief for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.			
07/17-12/2018	<b><u>H.010960.5-2, LA 30 Roundabouts at Tanger I-10, Ascension Parish, LA:</u></b> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
08/16-01/2018	<b><u>H.011235 I-49 Verot School Road, Lafayette, LA:</u></b> Mr. Stoehr served as one of the Survey Party Chiefs on this project by managing a crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			
02/19 - 09/19	<b><u>Bridge Replacements in East Feliciana Parish, Rural East Feliciana Parish, LA:</u></b> Mr. Stoehr served as a Jr. Party Chief this project for East Feliciana Parish Police Jury. It includes the replacement of 2 bridges which were damaged from flooding and the repairs to many rural roadways throughout the parish. These projects are being funded thru FEMA and all documentation has to be in accordance with FEMA’s policies and procedures.			
7/17 – 12/18	<b><u>H.003184.5 I-10 Texas State Line East of Coone Gully:</u></b> Mr. Stoehr served as an instrument man on this project by aiding the crew in the collecting of topographic data in the field utilizing LADOTD Field Codes.			

## 16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)				
Name	Drennon Humphreys		Years of relevant experience with this employer	1.5+
Title	Survey Party Chief		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization				
Active registration number / state / expiration date			Flagger, TCT	
Year registered		Discipline		
Contract role(s) / brief description of responsibilities			Mr. Humphreys will serve as a Survey Party Chief managing a crew to collect topographic data in the field in accordance with LADOTD Location and Survey means and methods.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
01/21 – 06/21	<b><u>H.013959 Reeds Bridge Rd. Calcasieu River Relief, Allen Parish, LA:</u></b> Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.			
02/21 – 05/21	<b><u>H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek, Allen Parish, LA:</u></b> Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.			
02/21 – 01/22	<b><u>Move BR: Lee Drive – Highland Rd. to Perkins Rd., Baton Rouge, LA:</u></b> Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this MoveBR widening project is responsible for topographic and ROW surveying for this 1.8 mile road improvement project as part of the Move BR infrastructure initiative.			
04/21 – 12/21	<b><u>Move BR: Hennessy Blvd. –Perkins Rd. to Picardy Ave., Baton Rouge, LA.:</u></b> Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this MoveBR widening project is responsible for topographic and ROW surveying for this 0.4 mile road improvement project to create an underpass at the R/R crossing. This project is a part of the Move BR infrastructure initiative.			
01/22 – On-Going	<b><u>4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2:</u></b> Mr. Humphreys is working as a Instrument Man and now a Party Chief on this Louisiana Watershed Initiative project. He has been responsible for collecting topographic data at various bridge locations that will go into the watershed model for this area. CD&C is a sub-consultant on this project.			
01/22 – 05/22	<b><u>H.013956 Beamon Rd. Bayou Maringouin, Pointe Coupee Parish, LA:</u></b> Mr. Humphreys served as a Instrument Man for this project. CD&C was a sub-consultant on this project is responsible for topographic and ROW surveying for this rural bridge replacement project.			

## 16. Staff Experience

Firm employed by Civil Design & Construction, Inc. (CD&C)				
Name	Trent Norris		Years of experience with this firm/employer	8
Title	Senior Technician		Years of experience with other firm(s)/employer(s)	0
Degree(s) / Years / Specialization				
Active registration number / state / expiration date		NSPS Certified Survey Technician, Level I Boundary Certificate No.: 0418-5963 ATSSA Traffic Control Supervisor, Technician & Flagger		
Year registered		Discipline		
Contract role(s) / brief description of responsibilities		Mr. Norris serves as the firm’s 3D Scanning Technician who will aide in field data collection as well as process all 3D scan data in the office and assist in any other processing to complete the submittal.		
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.			
01/18 – 01/2020	<b><u>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</u></b> Mr. Norris was the #3D Scanning Technician for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.			
07/17 – 12/18	<b><u>H.010960.5-2, LA 30 Roundabout at Tanger I-10, Ascension Parish, LA:</u></b> Mr. Norris served as the firm’s 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.			
04/17 – 07/17	<b><u>H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge), Terrebonne Parish, LA:</u></b> Mr. Norris served as the firm’s 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.			
08/16 – 01/18	<b><u>H.011235 I-49 Verot School Road, Lafayette, LA:</u></b> Mr. Norris served as the firm’s 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.			
10/16 – 10/16	<b><u>H.012728.5 LA 443 Emergency Bridge Replacement, Tangipahoa Parish, LA:</u></b> Mr. Norris served as the firm’s 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.			
10/15 – 12/18	<b><u>H.003184.5 I-10 TX State Line-E of Coone Gully, Calcasieu Parish, LA:</u></b> Mr. Norris served as the firm’s 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.			
01/16 – 07/16	<b><u>H.005733.5 US 190 Superstreet, St. Tammany Parish, LA:</u></b> Mr. Norris served as the firm’s 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting all of the necessary topographic data from them thru TopoDot to put into InRoads.			

## 16. Staff Experience:

Firm employed by				Civil Design & Construction, Inc. (CD&C)		
Name		Scott Benton			Years of experience with this firm/employer	5
Title		Senior Technician			Years of experience with other firm(s)/employer(s)	5
Degree(s) / Years / Specialization						
Active registration number / state / expiration date				ATSSA Traffic Control Supervisor, Technician & Flagger		
Year registered			Discipline			
Contract role(s) / brief description of responsibilities				Mr. Benton serves as a Senior Technician specializing in 3D Terrestrial Scanning, processing, and extraction.		
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.				
12/19 – 01/2020		<b>H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12, West and East Baton Rouge, LA:</b> Mr. Benton served as a #3D Scanning Technician for this project. CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415.				
03/14 – 06/14		<b>H.008369 Cleo Road Roundabout, St. Tammany Parish, LA:</b> Mr. Benton served as a Senior Technician on this project processing survey field data. CD&C was responsible for the topographic survey that began approximately 2400 ft. NW of intersection of I-59 and US Hwy 1090 and ended approximately 1000 ft. NW of intersection of I-59 and US Hwy 1090. The survey also included 500 ft. of Cleo Road and 175 ft. of Avenue D.				
05/13 – 07/13		<b>H.009288 LA 1 Railroad Bridge at DOW, West Baton Rouge, LA:</b> Mr. Benton served as a Survey Crew Instrument Man and later as a technician on this project processing survey field data. The intent is to create a grade separation at the intersection of LA 1 and the R/R spur for DOW. CD&C is performing all of the topographic survey for this project including utility coordination and R/R coordination and permits so that CD&C can survey the spur and parallel line.				
02/13 – 06/13		<b>H.005693 LA 447, Walker, LA:</b> Mr. Benton served as a Survey Crew Instrument Man and later as a technician on this project processing survey field data. CD&C’s responsibilities included all field work, utility coordination, review of existing survey data provided by LADOTD and all office work to produce the final product; this includes merging of supplied survey from LADOTD and survey by CD&C. CD&C also performed the tie-in of the new survey to the existing survey provided by LADOTD to produce an overall deliverable to be utilized in this design.				
10/14 – 12/14		<b>H.011088.5 West Prien Lake, Lake Charles, LA:</b> Mr. Benton served as Survey technician on this project processing survey field data. This project was to provide topographic survey for a new route to be constructed. Topographic survey and DTM was required along the proposed alignment including all utilities and all drainage with the survey limits.				
07/14 – 10/15		<b>H.010319.5 I-110 North St. to Plank Road, Baton Rouge, LA:</b> Mr. Benton served as the firm’s 3D Scanning Tech on this project by working with the scan crew in the field, post processing the scans, and extracting necessary topographic data from them thru TopoDot to put into InRoads.				

## 16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)				
Name	Madison Mills, LSI		Years of relevant experience with this employer	1+
Title	Land Survey Intern		Years of relevant experience with other employer(s)	4
Degree(s) / Years / Specialization			BS / 2016 / Civil Engineering	
Active registration number / state / expiration date			0000716 Land Surveyor Intern/Louisiana	
Year registered	02/18/2021	Discipline	Land Surveyor Intern	
Contract role(s) / brief description of responsibilities			Mr. Mills joined CD&C in 2021 as a Land Surveying Intern. Madison will be taking his PLS exam in 2022. He serves as a Survey Technician for CD&C working to manage field crews, process field crew data, and finalize deliverables.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).			
02/21 - Ongoing	<b><u>H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek:</u></b> Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.			
02/21 - Ongoing	<b><u>H.013955 LA 961 Bride at Sandy Creek, West Feliciana Parish, LA :</u></b> Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.			
02/21 - Ongoing	<b><u>H.013956 LA 961 Bridge at Beamon Rd. Bayou Maringouin, Pointe Coupee Parish, LA:</u></b> Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client. He also worked on property surveys and ROW mapping.			
07/21 – 11/21	<b><u>H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School, Baton Rouge, LA:</u></b> Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.			
02/21 – 05/21	<b><u>H.010108 Safe Routes to Schools – Independence Sidewalks, Baton Rouge, LA:</u></b> Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.			
07/21 – 12/21	<b><u>H.0014560.5 LA 94 Vermillion River, St. Martin Parish, LA:</u></b> Mr. Mills worked as a LSI on this project. He has helped manage crews, processed field data, created punch-lists, worked with utilities, and helped complete the final deliverables to the client.			

## 16. Staff Experience:

Firm employed by Civil Design & Construction, Inc. (CD&C)			
Name	Bradley Jacobs, EI		Years of relevant experience with this employer > 1 yr.
Title	Engineering Intern		Years of relevant experience with other employer(s) 9 years
Degree(s) / Years / Specialization		BS / 2015 / Civil Engineering	
Active registration number / state / expiration date		No. 0032456 / Louisiana / 09/30/2023	
Year registered	06/08/2015	Discipline	Engineering Intern
Contract role(s) / brief description of responsibilities * Dates not included as work was done at previous Employer		Mr. Jacobs will process field crew data and finalize deliverables.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; <i>i.e.</i> , “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).		
01/15 – 05/15	<b><u>Albany Annex</u></b> - Worked on the boundary survey for extending the town limits of Albany, Louisiana. I went to the courthouse and did title research for the properties that were obtained for the annex. I set the new boundary lines for the new town limits. I also drew the map showing the boundary of the properties that were obtained.		
06/15 – 06/19	<b><u>Pecue Lane</u></b> - Worked on Right of Way maps and the Traverse Control Sketch. For the Right of Way maps, I set where the monuments will be in the office. I also calculated the bearings and distances between each right of way monument. I also wrote the legal descriptions for the Right of Way and verified that it matches the maps. I also created the control sketch based off the traverse. All drawings were created up to DOTD Standards.		
06/15 – 07/15	<b><u>Essen Lane Control</u></b> - Worked on Right of Way maps in the office and helped set monuments in the field. I set the points for all the right of way monuments in the office and then went to the field to assist the crews in staking out and setting the monuments 2021 Bellacosa Residential Subdivision - Generate Point file for the survey crew to stakeout the property corners for each lot within the subdivision.		
04/21 – 05/21	<b><u>Jefferson and Corporate Interchange Survey</u></b> - Created the GPS control sketch that shows the traverse for the survey.		
06/2021	<b><u>Pollard Branch</u></b> - Wrote the legal descriptions for three different tracts. The legal descriptions reflected the overall boundary survey maps. Topographic Surveys		
06/14 – 07/14	<b><u>I-12 to Bush</u></b> – Worked as a rodman. We cut cross sections every 100 feet for road improvements and did a topographic survey using total stations.		

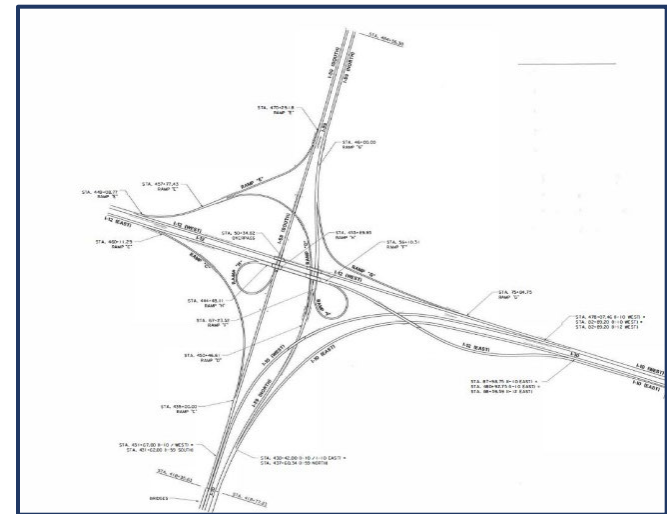
## 17. Firm Experience:

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

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

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

Realignment of ramps was required to allow for higher levels of safety and to provide better traffic flow for merging and lane drops. **Sequencing and Traffic Control** were an essential element of this project.



### Firm Members Involved:

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

*100% of work was performed in Louisiana*

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



### 17. Firm Experience:

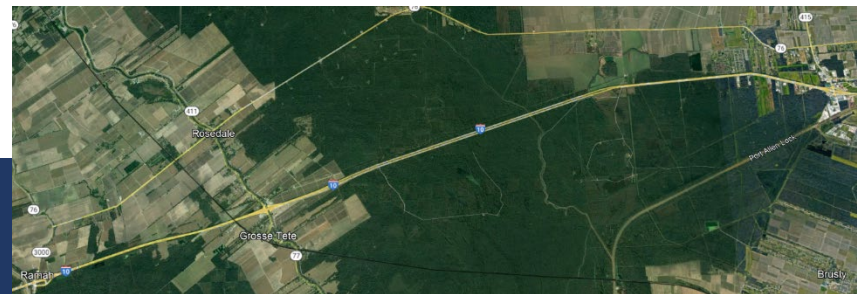
Firm name	Shread-Kuyrkendall & Associates, Inc.			Past Performance Evaluation Discipline(s)*		Road	
Project name	I-10 Overlay (Atchafalaya Basin Bridge to LA 415)				Firm responsibility (prime or sub?)		Prime
Project number	H.012588, H.012169, & H.012587		Owner's name	LADOTD			
Project location	West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

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

#### Firm Members Involved:

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

*100% of work was performed in Louisiana*



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

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

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



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

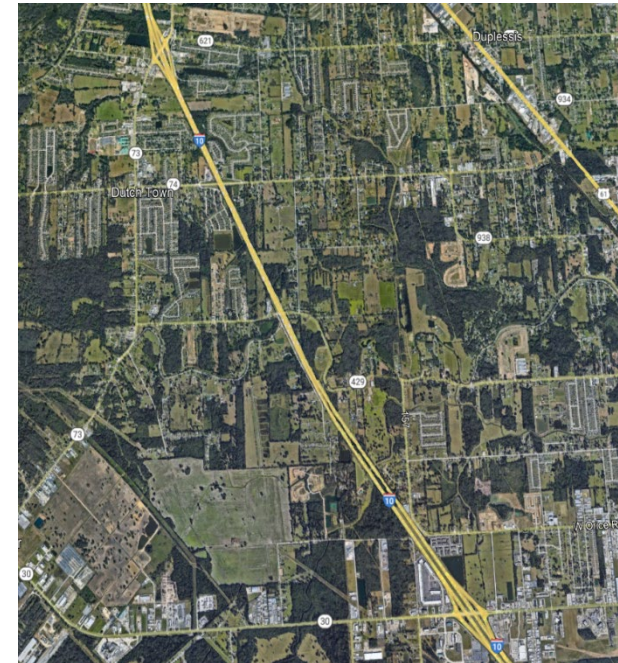
**Richard R. Shread, P.E., P.L.S.(Principal)**  
**Ripley “Gary” W. McClure, P.E.( Engineering Supervisor/Bridge Design)**  
**Niccola D. Gill, P.E. (Lead Roadway and Bridge Design)**

*100% of work will be performed in Louisiana*

## 17. Firm Experience:

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

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



### Firm Members Involved:

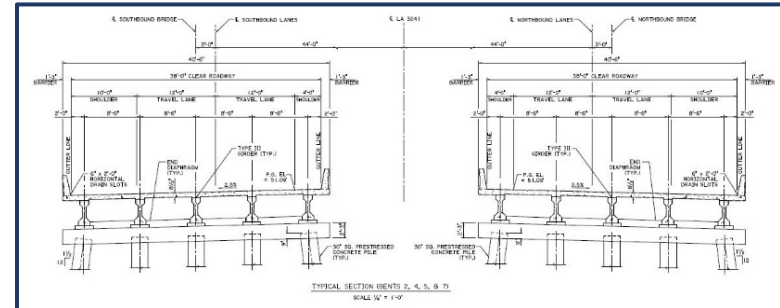
Richard R. Shread, P.E., P.L.S.(Principal)  
Ripley "Gary" W. McClure, P.E.( Engineering Supervisor/Bridge Design)  
John P. Raymond, P.E. (Project Manager/Road Design)  
Niccola D. Gill, P.E. (Bridge Design)

*100% of work was performed in Louisiana*

## 17. Firm Experience:

Firm name	Shread-Kuyrkendall & Associates, Inc.		Past Performance Evaluation Discipline(s)*		Survey/Road/Bridge	
Project name	LA 3241 (LA 36 to LA 435)				Firm responsibility (prime or sub?)	Prime
Project number	H.004435		Owner's name	LADOTD		
Project location	St. Tammany Parish			Owner's Project Manager	Joe Umeozulu	
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804 / (225)379-1100 / Joachim.Umeozulu@la.gov					
Services commenced by this firm (mm/yy)			04/14	Total consultant contract cost (\$1,000's)		\$ 3195
Services completed by this firm (mm/yy)			Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$ 2127

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.



### Firm Members Involved:

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

*100% of work was performed in Louisiana*

## 17. Firm Experience:

Firm name	Civil Design & Construction, Inc.	Past Performance Evaluation Discipline(s)*	Survey
Project name	I-10 TX State Line East of Coone Gully	Firm responsibility (prime or sub?)	Sub
>Project number	H.003184.5	Owner's name	LADOTD / Stanley Ard, PLS
Project location	Calcasieu Parish, LA	Owner's Project Manager	Stanley Ard, PLS
Owner's address, phone, email	1201 Capital Access Rd., Baton Rouge, LA 70802/225-379-1232/Stanley.ard@la.gov		
Services commenced by this firm (mm/yy)	10/15	Total consultant contract cost (\$1,000's)	N/A
Services completed by this firm (mm/yy)	12/18	Cost of consultant services provided by this firm (\$1,000's)	\$443

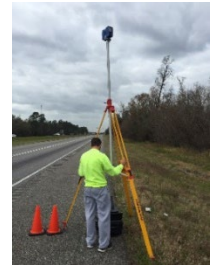
Describe the project including the firm's role and members involved. (Highlight staff to be used in this proposal.)

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

**Project Description:** This was a 6-lane widening project on I-10 in Calcasieu Parish. The project limits extended from the foot of the Sabine River Bridge (approximately 0.5 miles east of the state line) to a point approximately 2000 feet east of the beginning of the existing 6-lane section (located East of Coone Gully). The survey width of the project was from apparent right of way to apparent right of way and 500 feet past the gore along each of the on and exit ramps.

- In 2018, CD&C was supplemented to extend the original limits of this survey approximately 1500' and to pick up several other areas of additional topographic updates.

**CD&C's Role:** CD&C performed a complete topographic survey in accordance with the Location and Survey Manual and all current accepted Location and Survey Automation Procedures for this project. A topographic survey was already completed at all bridge sites located within the limits. The survey included all utilities with depths and information, all drainage structures, and all survey DTM and improvement features that fell inside the survey limits. Due to traffic concerns **3D Terrestrial Scanning was utilized for the location of roadways and traditional means and methods were used to complete the topographic survey on this project.** The final submittal of the survey was a combination of the supplied data from LADOTD for the bridges with the current survey that was completed for this project. **Members Involved:** CD&C employees involved in the project included Karla E. Weston, P.E.; Ralph Burgess, PLS, Survey Manager; Chris Ballard, PLS Survey Project Manager; Phil Dupree, Party Chief; Jacob Stoehr, Party Chief; Trent Norris, 3D Scanning Technician; John Ewing, Survey Technician, Scott Benton, 3D Scanning Technician. **Performed in LA: 100%**



## 17. Firm Experience:

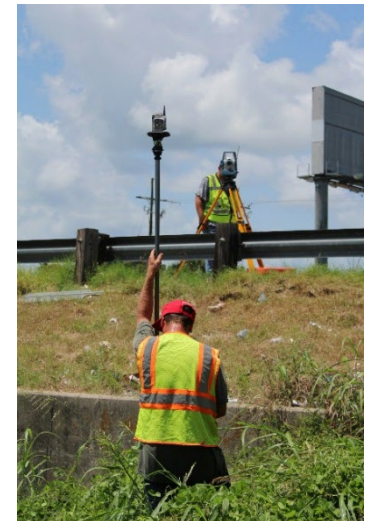
<b>Firm name</b>	<b>Civil Design &amp; Construction, Inc.</b>	<b>Past Performance Evaluation Discipline(s)*</b>		<b>Survey</b>
<b>Project name</b>	<b>I-10: LA 415 to Essen Lane on I-10 and I-12</b>		<b>Firm responsibility (prime or sub?)</b>	<b>Sub</b>
<b>Project number</b>	<b>H.004100</b>	<b>Owner's name</b>	<b>LADOTD</b>	
<b>Project location</b>	<b>West and East Baton Rouge, LA</b>		<b>Owner's Project Manager</b>	<b>Nicholas Olivier</b>
<b>Owner's address, phone, email</b>	<b>1201 Capital Access Rd, Baton Rouge, LA 70802 / 225-379-1232 / Nicholas.olivier@la.gov</b>			
<b>Services commenced by this firm (mm/yy)</b>	<b>01/18</b>	<b>Total consultant contract cost (\$1,000's)</b>		<b>N/A</b>
<b>Services completed by this firm (mm/yy)</b>	<b>on-going</b>	<b>Cost of consultant services provided by this firm (\$1,000's)</b>		<b>\$296</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 discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.

**Project Description:** This project is located in West Baton Rouge and East Baton Rouge Parishes in the cities of Port Allen and Baton Rouge, LA. A complete Topographic survey including all utilities (ASCE 38-02, QL "B") with depths and all drainage is required, along with Finish floor elevations of all buildings that fall within the survey limits. The survey begins 1,500 feet West of the western most entrance/exit ramps of the LA 415 and I-10 Interchange. From the I-10, I-12 split the survey shall proceed in southerly and easterly directions along the existing main alignment of I-10 for approximately 1.5 miles & I-12 for approximately 1.5 miles to end the route limits. **CD&C's Role:**

CD&C as a sub-consultant on this project is responsible for topographic surveying the portion of I-10 in West Baton Rouge Parish beginning at the start of the project limits to a point just before the approach of the I-10 Bridge and the limits of the project along LA 415. **This work included using 3D Scanning for the bridge at I-10 bridge @ LA 415 as well as scanning every 500' for control verification and incorporation of the Mobile Lidar for the I-10 pavement.**



**Members Involved:** Karla E. Weston, P.E.; Ralph Burgess, PLS, Christopher Ballard, PLS; Phil Dupree, Party Chief; Jacob Stoehr, Party Chief; Trent Norris, 3D scanning technician; John Ewing, Survey Tech; **Performed in LA: 100%**

## 17. Firm Experience:

Firm name	Civil Design & Construction, Inc.			Past Performance Evaluation Discipline(s)*		Survey	
Project name	Verot School Road				Firm responsibility (prime or sub?)		Sub
Project number	H.011235		Owner's name	LADOTD			
Project location	Lafayette, LA			Owner's Project Manager		Thomas Gattle (Huval & Assoc.	
Owner's address, phone, email		922 W. Point Des Mouton Rd., Lafayette, LA 70507/337-234-3798/tgattle@huvalassoc.com					
Services commenced by this firm (mm/yy)			08/16	Total consultant contract cost (\$1,000's)			N/A
Services completed by this firm (mm/yy)			01/18	Cost of consultant services provided by this firm (\$1,000's)			\$435

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

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

**Project Description:** This project is located in Lafayette Parish between Lafayette Regional Airport and Broussard, LA. The project is for the proposed widening of US 90/I-49 South and realignment of Verot School Road. A topographic survey was performed along the entire proposed route as well as an existing drainage map. This included a complete topographic survey of all utilities with depths, drainage and finished floor elevations of all buildings that fell within the designated survey limits. Also, CD&C was required to coordinate with the topographic survey of the adjacent I-49 Connector project and include required portions of the I-49 Connector project with the survey of this project.

**CD&C's Role:** CD&C performed a complete topographic survey of the project site by using **3D Terrestrial Scanning in conjunction with traditional means to complete the survey. Control was set for the scanning throughout the project limits.** Coordination with Cardno, Inc. (Team member) was necessary for the location of all utilities in the project area. CD&C also coordinated with all the property owners for access to the properties and also meet with safety advisors for the industrial business that were impacted. The survey included coordination with the ongoing I-49 Connector project and merging of that survey to the CD&C survey in order to make a complete project for the area. CD&C also researched and compiled an existing right of way linework for the prime consultant to use for exhibits for the project. In order to complete the survey CD&C also had to coordinate with BNSF railroad for access to BNSF's rail.

**Members Involved:** Karla Weston, PE; Ralph Burgess, PLS Survey Manager; Christopher Ballard, PLS Survey PM; John Ewing, Survey Tech; Trent Norris, 3D Scan Tech; Phil Dupree, Party Chief; Jacob Stoehr, Party Chief **Performed 100% LA**



## 18. Approach and Methodology:

*Shread-Kuyrkendall & Associates (SKA) brings years of successful DOTD experience and has worked closely with DOTD for both Interstate and Non Interstate Projects. SKA utilizes the DOTD Roadway Design Procedures and Guidelines and DOTD Minimum Design Guidelines for design references. Other documents that may be used would be AASHTO's Policy on Geometric Design of Highways, AASHTO's Roadside Design Guide, and the Highway Safety Manual to list a few.*

### UNDERSTANDING

Having provided roadway design services to DOTD for well over 30 years, SKA has extensive knowledge and understanding of DOTD's goals and requirements for new and reconstruction of existing roadways. The advantage of IDIQ Contracts is that it provides DOTD an opportunity to quickly direct our team to begin design on an identified roadway that may be time sensitive and requires expedited design. SKA is well prepared and has the staff available to engage in this type of work. **SKA has extensive experience in projects that require an expedited schedule as we have completed major projects on multiple occasions to procure redistribution of Federal Funding.**

The advertisement has a 4% DBE goal for this project. Shread-Kuyrkendall has strived to use qualified DBE consultants whenever possible. For this project, SKA proposes to use the DBE firm of Civil Design and Construction for a **total DBE participation of 10%.**

Our team will provide all necessary services to meet the needs of DOTD for any project located throughout the state. Services that may be required and will be provided will include but not be limited to the following:

- ◆ Topographic Surveys
- ◆ Roadway Design
- ◆ Hydraulic Analysis and Design
- ◆ Provide information and drawings to DOTD for use in obtaining Environmental Clearance/Permits
- ◆ TMPs
- ◆ Plan Quality Reviews
- ◆ Construction Support

### APPROACH

For each TO, our goal is to provide and deliver a quality product that meets the needs of DOTD and project stakeholders. SKA prides itself on its ability to maintain schedules, work closely with DOTD's Project Manager, and to provide a plan set that is ready for construction and that minimizes plan changes using a proven QA/QC process. **SKA's workload is such that we have the staff available to manage multiple Task Orders if needed.** SKA's staff has worked on multiple IDIQ contracts which provides consistency for future IDIQ projects. The majority of our staff have been with SKA for more than 20 years with our managers being with SKA even longer. This clearly indicates the experience level SKA has working with DOTD and our understanding of the Plan Delivery Process. SKA's approach for delivering a quality IDIQ design for each Task Order is summarized as follows:

**ESTABLISH A CLEAR UNDERSTANDING OF DOTD'S REQUIREMENTS AND GOALS.** During the scoping phase of a TO, SKA will establish open communication with the PM, provide a detailed schedule, and provide a preliminary construction cost to assist DOTD with managing the TO. Establishing a clear scope and understanding expectations on each IDIQ TO will assist with maintaining budgets and schedules.

**PROMPT TASK ORDER EXECUTION** Understanding that the project time is compressed, SKA has an advantage being a local Baton Rouge consulting firm. That is, TO's and contracts are executed in our local office thereby eliminating the time needed for an out of state main office for execution and administration.

**STAKEHOLDERS** Early in the TO phases, DOTD Districts, permitting agencies, utilities, and railroads will be identified to ensure an open communication is established which in turn will provide better coordination and will reduce the chance of misunderstandings.

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

**MAINTAINING PROJECT SCHEDULE** SKA will establish a critical path for activities that may impact the project schedule such as utility relocations, permitting, environmental documentation, and other items that may become apparent during the design process. SKA will always strive to complete each TO ahead of the scheduled completion date, but no later than the scheduled date. **SKA has proven this on multiple projects that were designated for Federal redistribution funds that had a shortened schedule to meet August deadlines.**

**MONITORING/MANAGING CONSTRUCTION COSTS** SKA is acutely aware of the necessity for managing construction costs and coordinating early on with DOTD about any changes that may affect engineering or construction budgets. This assists with minimizing change orders and overruns for the project.

**QA/QC** Each TO will be approached similarly using SKA's proven and accepted Quality Assessment and Quality Control. Adjustments will be made if necessary to meet the needs of each TO. Our QA/QC allows us to maintain the highest standards of quality from start to finish.

**CONTRACT AND TO MANAGEMENT** Our SKA team will utilize the management and design experience of John P. Raymond, P.E. and Niccola D. Gill, P.E. If needed for additional TO's, R. Gary McClure, P.E. will be utilized. **John Raymond has been with SKA for over 30 years and Niccola Gill has been with SKA for over 20 years providing roadway design services for DOTD. Gary McClure has been with SKA for 31 of his 39 years working with DOTD throughout this time.** In fact, Mr. McClure began his career working for DOTD in the Bridge, Geometric, and Road Design Sections. His experience and familiarity with DOTD projects is invaluable. **SKA's workload is such that we have the staff available to manage multiple Task Orders if needed.**

## **METHODOLOGY**

SKA and staff have been providing engineering services to DOTD for more than 30 years. As a result, SKA has a clear understanding of DOTD's Plan Delivery Process.

### **SCOPING**

Once a TO is identified, our project manager, John Raymond, P.E., will request a scoping meeting from the DOTD PM. During this meeting, SKA will establish a Project Management Plan (PMP) and will develop and refine the scope as needed for each TO. Defining the project scope clearly, ensures the project will progress smoothly with Preliminary Plans, Environmental Assistance, Final Plans, and to Construction phases of the project.

### **KICKOFF MEETING**

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

- Pavement Design
- Existing Utility Information
- Traffic Assignments
- Studies/As-Built
- Geotechnical Data
- Environmental Documents

The project kickoff meeting will be used to (1) establish project design criteria, (2) determine the frequency for project coordination meetings, (3) coordinate an on-site meeting with DOTD/District to discuss project concerns and constructability, (4) discuss and review any questions that may have been revealed after reviewing existing documents, and (5) to revise and update our PMP as needed.

SKA will develop a progress schedule depicting Milestones and incorporating any needed items that were discussed during the Kick-off meeting. Any concerns about traffic management that DOTD may have assessed previously will be discussed at this meeting along with any other expectations the attendees may have.

### **FIELD VISITS/ TOPGRAPHIC SURVEY**

SKA will perform field visits as needed to get a better understanding of the project identified in the TO and to identify any constraints that may cause constructability issues or design exceptions. Items of interest during the field visit would be utility conflicts, large drainage structures, horizontal/vertical clearance issues, existing drainage problems, damaged pavement, and pedestrian patterns.

CD&C will ensure that the topographic survey shall adhere to all modern survey theory, practice, and procedures, and follow the latest version of the LADOTD Location and Survey Manual including typical surveying methods as applied by LADOTD. This includes all accepted horizontal and vertical control standards as stated in the manual. CD&C's current backlog will allow them to begin any topographic surveys immediately upon receiving an NTP. In fact, CD&C is in a position to provide surveying services on multiple TO's if needed. **CD&C is very familiar with the requirement to submit a sketch of the survey line to the Location and Survey Section for approval prior to proceeding further with the survey.**

### **PRELIMINARY PLANS**

SKA will utilize the DOTD Road Design Manual for plan development and delivery. We understand typical submittal stages to be 30%, 60%, 95%, and 100% Preliminary Plans. However, to expedite a TO, we would propose to eliminate the 30% submittal and begin with a 60% submittal instead. SKA's experience with DOTD projects would allow this change to be made with confidence.

**For plan development, SKA uses Microstation, INRoads, and Leap Bridge Software on all projects. SKA has been using these services simultaneously with DOTD since inception from Bentley Services. Recently, Bentley has upgraded their software to replace InRoads and Leap Bridge with OpenRoads and OpenBridge, respectively. SKA has been using this upgraded software since they have been offered. Using these software tools, ensures that SKA's plans are compatible with DOTD's software capabilities.**

### **60% PRELIMINARY PLANS**

The type of design required may vary from one Task Order to another. For a typical roadway design project during the 60% Preliminary Plans phase we would develop horizontal and vertical geometry, roadway drainage design, preliminary hydraulic report, striping layouts, preliminary required right-of-way, roadway modeling, preliminary construction cost estimates. Any other sheets such as phasing that DOTD may request would be delivered at 60% as well.

### **95% & 100% PRELIMINARY PLANS**

95% preliminary plan submittal is used for the Plan-in-Hand (PIH) meeting. This meeting allows us to review the plans with DOTD staff, DOTD District, and utility company representatives to discuss and address any issues that may be encountered. SKA's 95% plans will include our proposed preliminary sequence of construction for discussion, quantities, and right-of-way. For the 100% plans, SKA will have addressed all comments received from the PIH review meeting and any other comments received, provide final right-of-way lines, provide our engineering construction cost estimate, provide any permit sketches requested, and will have submitted any design exceptions/waivers.

### **FINAL PLANS**

After receipt of the NTP, our team will begin final plans. Final plan stages include 60%, 95%, 98%, and 100% Final Plans where develop our more detailed construction plans.

### **60% FINAL PLANS**

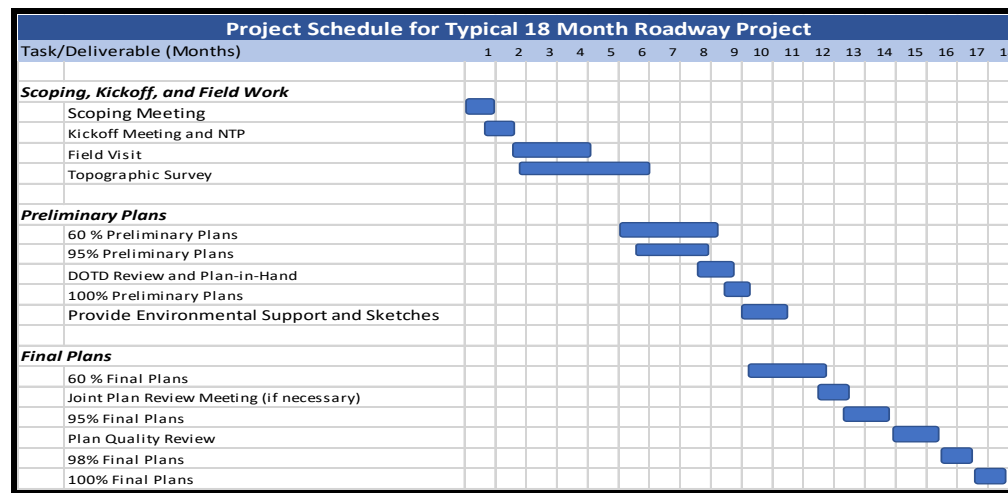
Drainage will be finalized, and a final drainage report will be submitted. Other final details necessary for the particular project such as graphical grades, joint layouts, sequence of construction, special details, and construction cost estimates. SKA will work with the PM to schedule and attend a Joint Plan Review.

### **95% FINAL PLANS (ACP)**

At this stage, all design and plan development will be complete and distributed to DOTD for review. At this time, a Plan Quality Review may be performed by DOTD. All design exceptions and waivers will have been identified.

### **98% & 100% FINAL PLANS**

The 98% final plan submittal will have all comments addressed from the PQU review and a complete set will be submitted to DOTD along with a final cost estimates and any special provisions. The 100% final plan submittal will be a complete set, stamped and signed, final construction cost estimate, and stamped hydraulic report.



## 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	\$ 254,059
<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	Survey, Road, Bridge	S.P. No. H.004435	I-12 to Bush, LA 3241 (LA 36 – LA 435), St. Tammany Parish	\$ 93,669
<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	Road, Bridge	S.P. No. H.010155	US 90 Railroad Overpass	\$ 620,835
<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	Bridge	H.011152	I-12 Widening (sub to T. Baker Smith)	\$ 5,457
<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	Road	H.013284	MRB South GBR: LA 1 to LA 30 Connector (sub to Atlas)	-
<b>Shread-Kuyrkendall &amp; Associates, Inc.</b>	Road, Bridge	H.000710.6	Comite River Diversion Bridge at LA 964	\$ 76,042
<b>Civil Design &amp; Construction, Inc.</b>	Surveying	4400017091/ TO-2	LWI Statewide Modeling R5 – Task Order #2	\$ 6,722
<b>Civil Design &amp; Construction, Inc.</b>	Surveying	4400017091/ TO-3	LWI Statewide Modeling R5 – Task Order #3	\$ 227,031

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.



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

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

April 11, 2022

**Civil Design & Construction, Inc.**

Attn: Karla Weston  
PO Box 857  
Port Allen, LA 70767

Dear Karla Weston:

The Louisiana Department of Transportation and Development (LADOTD) Compliance Programs Section have received your firm's Disadvantaged Business Enterprise (DBE) and Small Business Element (SBE) annual affidavit. Based on the information, which you provided, it has been confirmed that your firm continues to meet the eligibility requirements of our program and remains certified for only the following specific work categories that fall under the listed NAICS codes:

NC541330-Engineering Services  
    C05-Structural Engineering  
    C09-Civil Engineering  
NC541340-Drafting Services  
    C03-Drafting  
NC541350-Building Inspection Services  
    C21-Construction Inspections  
NC541370-Surveying and Mapping (except Geophysical) Services  
    C06-Land Surveying  
    C12-Right-of-Way  
    727-Mobilization  
    740-Construction Layout  
    CSL-Construction Layout Design

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

You will be required to submit an annual affidavit with all supporting documents (**Business taxes with all attachments, such as 1098, 1099, K-1's and/or W-2's**) stating your firm continues to meet the eligibility requirements of the program. An email informing you to submit the necessary documentation will be forwarded to you approximately six (6) weeks prior to your anniversary date of **March 31, 2023**. However, should you not receive notification from this office for your annual affidavit; it is your responsibility to contact us. Additionally, you must notify our office immediately regarding any changes, which affect the social and economic disadvantage, size, ownership or control of your firm.

Civil Design & Construction, Inc.

April 11, 2022

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

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

We are pleased to have you as a participant in the LAUCP and wish you much success.

If you have any questions regarding the content of this letter, contact the LADOTD DBE Certification Unit at (225) 379-1382.

Respectfully,

*Rhonda Wallace*

Rhonda Wallace  
DBE/SBE Programs Manager

Enclosure (Certificate)



# 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)

## Civil Design & Construction, Inc.

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

**NC541330, NC541340, NC541350, NC541370**

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

### **Certificate Eligibility: March 2022 to March 2023**

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

*Rhonda Wallace*

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

*Louisiana Department of Transportation & Development*

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

**22. Sub-consultant information:**

<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>
Civil Design & Construction, Inc.	PO Box 857, Port Allen, LA 70767/3251 Southern Pacific Rd.	Karla E. Weston, PE <a href="mailto:kweston@cdcbr.com">kweston@cdcbr.com</a>	225-765-1802

**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.