DOTD FORM: 24-102
CONSULTANT SERVICES PROPOSAL

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

IDIQ CONTRACT FOR DESIGN SERVICES (FULL PLANS) STATEWIDE WITH MAJORITY OF WORK IN DISTRICT 62

Contract No. 4400031651

MARCH 27, 2025

DOTD FORM: 24-102

(Revised December 12, 2024)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

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

1. Contract Name as shown in the advertisement	**IDIQ CONTRACT FOR DESIGN SERVICES (FULL SIZE PLANS) STATEWIDE WITH MAJORITY OF WORK IN DISTRICT 62**
2. Contract Number(s) as shown in the advertisement	4400031651
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name **(name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20)**	**Shread-Kuyrkendall & Associates, Inc.**
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF. 0000767 VF. 0000130
6. Prime consultant mailing address	13016 Justice Ave., Baton Rouge, LA 70816
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	13016 Justice Ave., Baton Rouge, LA 70816
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Ripley W. "Gary" McClure, President (225) 296-1335 shread@skaengr.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Ripley W. "Gary" McClure, President (225) 296-1335 shread@skaengr.com

10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response. **Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.**	 Signature above shall be the same person listed in Section 9: March 26, 2025 Date:	
11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.	Firm(s): **Civil Design & Construction, Inc.** **APS Engineering and Testing, LLC**	Firm(s)' %: **10%** **2%**

12. Past Performance Evaluation Discipline Table

Past Performance Evaluation Discipline(s)	% of Overall Contract *	Prime	Survey Sub	Geotech Sub	Each Discipline must total to 100%
		Shread-Kuyrkendall & Associates, Inc.	Civil Design & Construction, Inc. (DBE)	APS Engineering and Testing, LLC (DBE)	
Road	**83%**	100%			**100%**
Bridge	**5%**	100%			**100%**
Survey	**10%**		100%		**100%**
Geotech	**2%**			100%	**100%**
Identify the percentage of work for the **overall contract** to be performed by the prime consultant and each sub-consultant.					
Percent of Contract	**100%**	**88%**	**10%**	**2%**	

13. Firm Size

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
Shread-Kuyrkendall & Associates, Inc.	Principal	1	1
	Supervisor-Eng	1	1
	Engineer	3	7
	CADD Technician	2	3
Civil Design & Construction, Inc.	Surveyor	1	2
	Party Chief	3	4
	Instrument Man	2	2
	Rodman	2	2
	CADD-Operator	1	1
	Senior Technician	3	5
	Supervisor - Other	1	1
APS Engineering and Testing, LLC	Engineer	3	3
	Engineer Intern	2	2
	Engineering-Aide	1	1
	Driller	8	8
	Technician	12	12
	Inspector	6	6
	Clerical	2	2

14. Organizational Chart

LEGEND

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

PRIME
Shread-Kuyrkendall & Associates, Inc.

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

SUPERVISING ENGINEER - QA/QC
**Niccola D. Gill, PE (MPR 3)

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

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

GEOTECH (SUB)
APS Engineering and Testing, LLC

Lead
**Sergio Aviles, PE

**Sairam Eddanapudi, ME, PE
**Suhendra Pathak, PE

Senior Technician
Joseph Layton

CADD
Lead
James Partin

Dianna Sherman

BRIDGE DESIGN
Lead
**Niccola D. Gill, PE (MPR 3)
(if needed)

SURVEY (SUB)
Civil Design & Construction, Inc.

Karla E. Weston, PE
Principal-in-Charge
QA/QC

SURVEY
Lead
***Chris Ballard, PLS (MPR 4)

*** Madison Mills, PLS
*** Scott Benton

FIELD PERSONNEL
Lead
***Jacob Stoehr

***Alex Wells
***Drennon Humphreys
** Hunter Smith

DATA PROCESSING
***Bradley Jacobs, EI
*** Chancey Cothren, LSI

SUBSURFACE UTILITY ENGINEERING
*** Clarence Goodspeed
*** Tracey Smith

15. Minimum Personnel Requirements

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Ripley W. "Gary" McClure, P.E.	**Shread-Kuyrkendall & Associates, Inc.**	PE. 0024035 – Civil and Environmental	LA	9/30/26
2	Ripley W. "Gary" McClure, P.E.	**Shread-Kuyrkendall & Associates, Inc.**	PE. 0024035 – Civil and Environmental	LA	9/30/26
3	Niccola D. Gill, P.E.	**Shread-Kuyrkendall & Associates, Inc.**	PE. 0032914 - Civil	LA	3/31/27
3	John P. Raymond, P.E.	**Shread-Kuyrkendall & Associates, Inc.**	PE. 0027988 - Civil	LA	9/30/26
4	Chris Ballard, P.L.S.	**Civil Design & Construction, Inc.**	PLS. 0005033 - Surveyor	LA	9/30/26

16. Staff Experience

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

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

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; Experience dates should cover the years of experience specified in the applicable MPR(s).
	Mr. McClure has over 42 years of experience in the design of roadways and bridges. He has designed and supervised multiple roadways throughout the state and is very knowledgeable of DOTD standards and requirements. Early in his career, he designed sections of I-49 through Alexandria and Shreveport. Mr. McClure has provided design services to DOTD for pavement preservation on one of the most difficult projects for restoration for the Interchange and Interstate for I-10, I-12, & I-59. ***This project was awarded the DOTD 2016 Transportation Excellence Award.***
12/22-Present	**H.015056, H.015058, H.015619 / IDIQ Pavement Preservation Contract:** *Vermillion and Evangeline Parishes* – Mr. McClure serves as *Principal-in-Charge* for this project which includes identification of base failures, recommended repairs, identify drainage improvements, development of typical sections, sequence of construction and quantities. The contract consists of preparing preliminary and final plans for the mill and overlay and reconstruction for the roadways associated with this IDID Pavement Preservation Contract. These roadways were **pavement preservation/restoration** projects.
03/21 – 01/25	**H.010155 / US 90: Rail Spur Removal SE of LA 85:** *Iberia Parish* – Mr. McClure served as *Lead Bridge Designer* for the future I-49, this project consists of preliminary and final plans for roadway and two (2) parallel bridge structures over an existing at grade railroad crossing at US 90 in Iberia Parish. The existing at-grade railroad crossing will be replaced with a bridge structure crossing the railroad. The existing frontage road (South) will be improved to carry US 90 traffic on a diversion road during bridge construction.
03/21-Present	**20-CS-HC-0015 / Hennessey Blvd. – Perkins Rd. Connector (Perkins Rd. Improvements):** *East Baton Rouge Parish* – Mr. McClure serves as *Principal-in-Charge* for the Perkins Road Improvements project which consists of **widening** Perkins Rd. from Kenilworth Pkwy to approximately 700 feet east of Erica Stanford. The purpose of the project is to improve safety at the intersection of Perkins Road and Kenilworth Pkwy and the intersection of Perkins Rd and One Perkins Place. Access Management will be implemented as part of this project.
06/20-05/22	**H.012588, H.012169, H.012587/ I-10 (Atchafalaya Basin Bridge to LA 415):** *West Baton Rouge and Iberville Parishes* – Mr. McClure served as *Engineering Supervisor* 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.

10/16-08/19	**H.011152 / I-12 Widening (US 190 to LA 59):** *St. Tammany Parish* – Mr. McClure served as *Bridge Design Engineer* for this project. He designed all girders, column bents, spans, sign supports and all other aspects of the bridges. This section of I-12 (US 190 to LA 59) is being widened from 4 lanes to 6 lanes. Shread-Kuyrkendall's involvement is with the two bridges over US 190 as a subconsultant. This design includes 3 – 12 foot travel lanes, 12 foot inside shoulder and 12 foot outside shoulder. The design includes AASHTO Type II & Type IV P.S. Girders. Total length of the two bridges is 680 feet each.
10/12-Present	**H.009266 / I-10 (LA 73 to LA 30):** *Ascension Parish* – Mr. McClure serves as *Engineering Supervisor* and *Lead Bridge Designer.* This project involves the **widening of approximately 4.5 miles of Interstate 10** from LA 73 to LA 30, including widening three (3) existing bridge structures within the project limits. Project scope includes widening the interstate from two lanes in each direction to three lanes in each direction. Phased construction of bridges at the LA 73 interchange with I-10 requires diversion crossovers and ramp modifications. Mr. McClure performed existing bridge inspection, evaluation, and reports for bridges at LA 30 and Smith Bayou as well as oversaw *QA/QC.*
10/10 – Present	**H.013579, H.003047, & H.012290 / Pecue Lane / I-10 Interchange:** *East Baton Rouge Parish* – Mr. McClure served as *Engineer Supervisor* and *Bridge Design Supervisor*. Mr. McClure provided engineering design support and he developed all of the multiple alternatives during the environmental Stage 1 phase of the project. This project includes a **Diverging Diamond Interchange (DDI)**. The project was ultimately broken into three separate phases and design plans to facilitate federal redistribution funding requirements, and the design team was challenged with an ***accelerated schedule*** as a result. The DDI includes full eastbound and westbound on and off ramps on I-10 and widens Pecue Lane to six lanes with a connector to Rieger Road. To accommodate the ramps, widening of I-10 was necessary. A Final Level 4 TMP was required for this project.
08/10-01/15	**H.003107 / French Branch Bridge – West Pearl River Bridge (I-10 / I-12 / I-59):** *St. Tammany Parish* – Mr. McClure served as *Engineering Supervisor* and *Lead Bridge Designer*. This project included the pavement preservation of the I-10 / I-12 / I-59 Interchange. The improvements and repairs included rubblization, pavement replacement, and overlay for cross slope correction. ***This project was a pavement preservation/restoration project and awarded the DOTD 2016 Transportation Excellence Award.***
11/08-11/12	**H.009064, H.009987, H.009717, H.009712 et. al./ LADOTD Submerged Roads Program (Paths to Progress) (Phase A and Phase B):** *Multiple Parishes* – Mr. McClure served as *Engineer Supervisor* for the repairing 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.
10/07- 01/10	**258-32-0022 / Essen Lane (LA 3064 at Interstate 10):** *East Baton Rouge Parish – Mr. McClure served as Engineering Supervisor and oversaw QA/QC.* This project includes the design for urban intersection improvements (UA-2) for DOTD and the Baton Rouge Green Light Plan. The design includes geometry to implement dual left-turn lanes on Essen Lane and additional I-10 ramp lanes. Mr. McClure oversaw the design of the urban drainage, horizontal and vertical alignments, geometrics, joint layouts, graphical grades, sequence of construction, earthwork and quantities. This project is very similar to pavement preservation in that the roadway was **widened along with pavement replacement.**
02/04- 11/09	**H.007154, H.007152, H.002303 / Central Thruway:** *East Baton Rouge Parish* – Mr. McClure served as *Project Manager* and *Lead Bridge Design Engineer*. This project involved the design and construction of a **4-lane divided thruway** for 5.2 miles on a **new alignment** including seven bridges. Also included in the scope of this project was a corridor study, an environmental assessment, topographic surveys, right-of-way maps and property surveys. Mr. McClure provided engineering design support and he developed all of the multiple alternatives during the environmental Stage 1 phase of the project

16. Staff Experience

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

Name	**John P. Raymond, P.E.**	Years of relevant experience with this employer	32
Title	SENIOR ENGINEER	Years of relevant experience with other employer(s)	0

Degree(s) / Years / Specialization			B.S. / 1992 / Civil Engineering
Active registration number / state / expiration date			PE. 0027988 / LA / September 30, 2026
Year registered	1998	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities			**Meets the role for MPR 3** *Mr. Raymond's role will be Lead Roadway Designer.*

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; Experience dates should cover the years of experience specified in the applicable MPR(s).
	Mr. Raymond has been a Project Manager/Road Design Engineer on multiple classes of roadways throughout his 32-year career with Shread-Kuyrkendall & Associates. He has designed and managed multiple roadway projects including pavement preservation projects, widening projects, new alignments, and intersection improvements throughout the state and is very knowledgeable of DOTD standards and requirements.
12/22-Present	**H.015056, H.015058, H.015619 / IDIQ Pavement Preservation Contract:** *Vermillion and Evangeline Parishes* – Mr. Raymond serves as *Project Engineer* and is responsible for identification of base failures, recommended repairs, identify drainage improvements, development of typical sections, sequence of construction and quantities. He is responsible for preparing preliminary and final plans for the mill and overlay and reconstruction for the roadways associated with this IDID Pavement Preservation Contract. These roadways were **pavement preservation/restoration** projects.
05/21-Present	**MA-22-01/ LA 73 Roundabout at Bluff Rd. Connector** *Ascension Parish* – Mr. Raymond is *Project and Lead Road Design Engineer*. Mr. Raymond was responsible for the design of the **multi-lane roundabout** which includes a southbound channelized right turn lane on LA 73, an eastbound channelized right turn lane on the LA 73 at Bluff Rd. Connector, and is a multilane roundabout only in the northbound and southbound directions. This project, LA 73 Roundabout at Bluff Rd. Connector (MA-22-01), will convert an existing section of LA 73 from three lanes to four lanes with a raised median and curb and gutter providing access management. Two bulb-outs will be added for U-turns and control of access at the end of the project limits and a multi-lane roundabout is being designed at the intersection with the future Bluff Road Connector (MA-20-01) and an existing commercial drive. Access Management is being implemented due to the proximity of the roundabout to I-10 at LA 73. Mr. Raymond's responsibilities include project management, geometric and hydraulic design, sequence of construction, earthwork, and tabulation of quantities.
06/20-05/22	**H.012588, H.012169, H.012587/ I-10 (Atchafalaya Basin Bridge to LA 415):** *West Baton Rouge and Iberville Parishes* – Mr. Raymond served as *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.

01/20-05/22	**MA-18-08/ Henry Road @ LA 930 Roundabout:** *Ascension Parish* – Mr. Raymond was *Project and Lead Roadway Design Engineer*. He provided design for a **single lane roundabout**. This project included a roundabout at the intersection of Henry Road and LA 930 (Daigle Road) to replace the existing stop-controlled intersection with a proposed single lane roundabout. LA 930 is a two-lane roadway running north-south at its intersection with Henry Road. Mr. Raymond's responsibilities include project management, geometric and hydraulic design, sequence of construction, earthwork, and tabulation of quantities. This project required coordination with DOTD for the route LA 930.
06/18-04/22	**H.001799 / LA 531 Overpass:** *Webster Parish* – Mr. Raymond served as *Project and Lead Roadway Design Engineer.* The project consisted of **roundabouts at the interstate ramp termini** and the corresponding roadway tie-ins for the LA 531 bridge replacement. This project is approximately 0.38 miles long along LA 531. Roundabouts will be constructed at the I-20 entrance/exit ramp intersections with LA 531 both to the north and south of the LA 531 overpass. Mr. Raymond's responsibilities included project management, geometric and hydraulic design, sequence of construction, design of superelevation, earthwork, and tabulation of quantities.
04/14-Present	**H.004435 / LA 3241 (LA 36 to LA 435):** *St. Tammany Parish* – Currently in the construction phase**.** Mr. Raymond is *Project and Lead Road Design Engineer*. This project includes three (3) segments of nearly 20 miles of new roadway to connect Interstate 12 to the southern terminus of LA 21 in Bush, LA. SKA's contracted segment consists of approximately eight miles of a new alignment in St. Tammany Parish. This **new roadway is a four-lane freeway** with two new bridges (4 structures total) to span Bayou Lacombe at two different locations, each approximately 500' long. Innovative design alternatives were implemented during design as geometry was restricted to Restricted Crossing U-Turns (RCUT) at the major intersections and implementing J-Turns to accommodate U-turns and intersection thru movements. Mr. Raymond's responsibilities include project management, geometric and hydraulic design, sequence of construction, design of superelevation, earthwork, and tabulation of quantities.
10/12-Present	**H.009266 / I-10 (LA 73 to LA 30):** *Ascension Parish* – Mr. Raymond is *Project Manager and Lead Road Design Engineer*. This project involves the **widening of approximately 4.5 miles of Interstate 10** from LA 73 to LA 30, including widening three (3) existing bridge structures within the project limits. Project scope includes widening the interstate from two lanes in each direction to three lanes in each direction. Mr. Raymond's responsibilities include project management, geometric and hydraulic design, sequence of construction, earthwork, and tabulation of quantities.
10/10-Present	**H.013579, H.003047, & H.012290 / Pecue Lane / I-10 Interchange:** *East Baton Rouge Parish* – Mr. Raymond is *Project Manager* and *Lead Roadway Design Engineer* for a **Diverging Diamond Interchange (DDI)**. Mr. Raymond led a team of seven local firms to provide preliminary and final plans for this high-profile project which included City-Parish, DOTD, and Federal involvement and funding. Mr. Raymond designed the proposed roadway and drainage for Pecue Lane. This project includes Louisiana's first Diverging Diamond Interchange (DDI). The project was ultimately broken into three separate phases and design plans to facilitate federal redistribution funding requirements, and the design team was challenged with an **accelerated schedule** as a result. The DDI includes full eastbound and westbound on and off ramps on I-10 and widens Pecue Lane to six lanes with a connector to Rieger Road. To accommodate the ramps, widening of I-10 was necessary.
11/08-11/12	**H.009064, H.009987, H.009717, H.009712 et. al./ LADOTD Submerged Roads Program (Paths to Progress) (Phase A and Phase B):** *Multiple Parishes* – Mr. 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.
10/07- 01/10	**258-32-0022 / Essen Lane (LA 3064 at Interstate 10):** *East Baton Rouge Parish* – Mr. Raymond served as *Road Design Engineer*. Mr. Raymond designed and managed urban intersection improvements (UA-2) for DOTD and the Baton Rouge Green Light Plan. Designed geometry to implement dual left-turn lanes on Essen Lane and additional I-10 ramp lanes. Designed urban drainage, horizontal and vertical alignments, geometrics, joint layouts, graphical grades, sequence of construction, earthwork and quantities. This project is very similar to pavement preservation in that the roadway was **widened along with pavement replacement**.
10/06- 08/07	**258-31-0015 & 258-33-0006 / Burbank Drive / LA 42 (Bluebonnet to Highland):** *East Baton Rouge Parish* – Mr. Raymond served as *Project Manager and Lead Road Design Engineer*. Mr. Raymond designed and managed the **addition of two new lanes** of rural highway and urban connecting intersections for DOTD and the Baton Rouge Green Light Plan. Designed urban and rural drainage, horizontal and vertical alignments, superelevation, geometrics, joint layouts, graphical grades, sequence of construction, earthwork, and quantities.

16. Staff Experience

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

Name	**Niccola D. Gill, P.E.**	Years of relevant experience with this employer	22
Title	SENIOR ENGINEER	Years of relevant experience with other employer(s)	0

Degree(s) / Years / Specialization	B.S. / 2002 / Civil Engineering
Active registration number / state / expiration date	PE. 0032914 / LA / March 31, 2027
Year registered: 2007 — Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities	**Meets the role for MPR 3** *Ms. Gill's role will be Supervising Engineer and oversee QA/QC for this project. She will also be Lead Bridge Design Engineer (if needed).*

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; Experience dates should cover the years of experience specified in the applicable MPR(s).
	Ms. Gill has been a Project Engineer/Design Engineer on multiple classes of roadways and various complex bridge structures for over 20 years with Shread-Kuyrkendall & Associates. She has designed and managed rural and urban Interstate, Arterials, and local roadway and bridge projects. She is very knowledgeable of DOTD standards and requirements and will serve as the Supervising Engineer overseeing the QA/QC for this project.
12/22-Present	**H.015056, H.015058, H.015619 / IDIQ Pavement Preservation Contract:** *Vermillion and Evangeline Parishes* – Ms. Gill serves as *Engineering Supervisor* and *oversees the QA/QC* for this project which includes identification of base failures, recommended repairs, identify drainage improvements, development of typical sections, sequence of construction and quantities. The contract consists of preparing preliminary and final plans for the mill and overlay and reconstruction for the roadways associated with this IDID Pavement Preservation Contract. These roadways were **pavement preservation/restoration** projects.
03/21 – 01/25	**H.010155 / US 90: Rail Spur Removal SE of LA 85:** *Iberia Parish* – Ms. Gill served as *Engineer Supervisor* and *Road Design Engineer* for the future I-49, this project consists of preliminary and final plans for roadway and two (2) parallel bridge structures over an existing at grade railroad crossing at US 90 in Iberia Parish. The existing at-grade railroad crossing will be replaced with a bridge structure crossing the railroad. The existing frontage road (South) will be improved to carry US 90 traffic on a diversion road during bridge construction.
03/21-Present	**20-CS-HC-0015 / Hennessey Blvd. – Perkins Rd. Connector (Perkins Rd. Improvements):** *East Baton Rouge Parish* – Ms. Gill serves as *Project Engineer* for the Perkins Road Improvements project which consists of **widening** Perkins Rd. from Kenilworth Pkwy to approximately 700 feet east of Erica Stanford. The purpose of the project is to improve safety at the intersection of Perkins Road and Kenilworth Pkwy and the intersection of Perkins Rd and One Perkins Place. Access Management will be implemented as part of this project.
06/20-05/22	**H.012588, H.012169, H.012587/ I-10 (Atchafalaya Basin Bridge to LA 415):** *West Baton Rouge and Iberville Parishes* – Ms. Gill oversaw the *QA/QC* for these improvements which involved the overlay and raising of the grade by 8". The asphalt paving was tapered at bridges to allow for smooth transitions. DOTD design guidelines were followed to bring the interstate up to the guideline standards. Fill was used on fore slopes to tie in and match the new 8" overlay. Guardrail was replaced using MASH special details. Existing cable barrier was removed and replaced closer to

	the shoulder to improve maintenance. Underdrains and cross drains were modified as needed. These roadways were **pavement preservation/restoration** projects.
04/14 - Present	**H.004435 / LA 3241 (LA 36 to LA 435):** *St. Tammany Parish* – **Currently in construction**, Ms. Gill served as the *Bridge Design Engineer and oversaw the QA/QC.* This project includes three (3) segments of nearly **20 miles of new roadway** to connect Interstate 12 to the southern terminus of LA 21 in Bush, LA. SKA's contracted segment consists of approximately eight miles of a **new alignment** in St. Tammany Parish. This new roadway is a four-lane freeway with two new bridges (4 structures total) will be built for this project to span Bayou Lacombe at two different locations, each approximately 500' long, with Type III Girder Spans. 90% of the project corridor is considered wetland which was considered in hydraulic design of the bridges as well as hydraulic analysis of the roadway. Ms. Gill was responsible for the design of the caps, Type III girders, deck, and other parts of the bridges in accordance with the most recent AASHTO LRFD requirements. Ms. Gill utilized LEAP software for all aspects of the bridge such as girders and caps. Additionally, she performed hydraulic analysis for the bridges using HEC-RAS software to establish the pile spacing and location of the bridges as well as velocities and scour potential.
10/16-08/19	**H.011152 / I-12 Widening (US 190 to LA 59):** *St. Tammany Parish* – Ms. Gill was a *Bridge Design Engineer* for this project. She designed girders, column bents, spans, sign supports and all other aspects of the bridges. This section of I-12 (US 190 to LA 59) is being widened from 4 lanes to 6 lanes. Shread-Kuyrkendall's involvement is with the two bridges over US 190 as a subconsultant. This design includes 3 – 12 foot travel lanes, 12 foot inside shoulder and 12 foot outside shoulder. The design includes AASHTO Type II & Type IV P.S. Girders. Total length of the two bridges is 680 feet each.
10/12-Present	**H.009266 / I-10 (LA 73 to LA 30):** *Ascension Parish* – Ms. Gill serves as *Bridge Design Engineer and oversees QA/QC*. This project involves the **widening of approximately 4.5 miles of Interstate 10** from LA 73 to LA 30, including widening three (3) existing bridge structures within the project limits. Project scope includes widening the interstate from two lanes in each direction to three lanes in each direction. Phased construction of bridges at the LA 73 interchange with I-10 requires diversion crossovers and ramp modifications. Ms. Gill's responsibilities included assisting in the comprehensive bridge evaluation of three (3) existing structures, bridge design calculations, bridge quantities, and hydraulic analysis.
10/10-Present	**H.013579, H.003047, & H.012290 / Pecue Lane / I-10 Interchange:** *East Baton Rouge Parish* – Ms. Gill served as *Environmental Support and Hydraulic Design Engineer.* This project includes a **Diverging Diamond Interchange (DDI**). The project was ultimately broken into three separate phases and design plans to facilitate federal redistribution funding requirements, and the design team was challenged with an **accelerated schedule** as a result. The DDI includes full eastbound and westbound on and off ramps on I-10 and widens Pecue Lane to six lanes with a connector to Rieger Road. To accommodate the ramps, widening of I-10 was necessary. A Final Level 4 TMP was required for this project. A rolling roadblock was used for demolition and girder placement. SKA led a team of seven local firms to provide preliminary and final plans for this high-profile project which included City-Parish, DOTD, and Federal involvement and funding. Ms. Gill provided engineering/environmental design support during the environmental Stage 1 phase of the project. She was responsible for the hydraulic design needed for the Wetlands Permit and she performed the hydraulic analysis for the Wards Creek Bridge at Pecue Lane as well as the entrance ramp bridge at I-10.
08/10-01/15	**H.003107 / French Branch Bridge – West Pearl River Bridge (I-10 / I-12 / I-59):** *St. Tammany Parish* – Ms. Gill performed roadway design and traffic control for the design of this project which included the pavement preservation of the I-10 / I-12 / I-59 Interchange. The improvements and repairs included rubblization, pavement replacement, and overlay for cross slope correction. She was responsible for preparing preliminary and final plans for this project. ***This project was a pavement preservation/restoration project and awarded the DOTD 2016 Transportation Excellence Award.***
02/04- 11/09	**H.007154, H.007152, H.002303 / Central Thruway:** *East Baton Rouge Parish* – Ms. Gill performed roadway design, drainage design, and bridge hydraulic analysis for this project which 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. She was responsible for preparing preliminary and final plans for this project.

16. Staff Experience

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

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

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

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

1/20-5/22	**MA-18-08/ Henry Road @ LA 930 Roundabout:** *Ascension Parish* – Mr. Shread provided road design assistance for the Henry Road-LA 930 **roundabout** project. Mr. Shread's responsibilities included project geometrics and hydraulic design along with coordination between two other intersecting roadway projects. Mr. Shread also completed the right of way maps for the project. The project was a single lane Roundabout to replace a 4-way stop intersection.
12/19-On-Hold	**MA-17-02 / Roddy Road Widening: US 61 To LA 935:** *Ascension Parish* – Mr. Shread performed the topographic survey for the Roddy Road **widening** project. Mr. Shread also established geometric baselines the project. The project was a reconstruction of the existing roadway that widened the existing section to current design standards.
04/14-Present	**H.004435 / LA 3241: LA 36 TO LA 435:** *St. Tammany Parish* – Mr. Shread performed the field survey, boundary survey, right of way maps, and the geometrics for the new construction project, LA 3241. The project is **new construction of a 4-lane** median separated, rural arterial roadway.
10/10-Present	**H.013579, H.003047, & H.012290 / Pecue Lane / I-10 Interchange:** *East Baton Rouge Parish* – Mr. Shread served as survey project manager and right of way professional land surveyor for Louisiana's first **Diverging Diamond Interchange (DDI)**. Mr. Shread completed the survey for the LA DOTD standards for topographic and right of way surveys. The project was ultimately broken into three separate phases and design plans to facilitate federal redistribution funding requirements. The DDI includes full eastbound and westbound on and off ramps on I-10 and widens Pecue Lane to six lanes with a connector to Rieger Road.
11/08-11/12	**H.009064, H.009987, H.009717, H.009712 et. al./ LADOTD Submerged Roads Program (Paths to Progress) (Phase A and Phase B):** *Multiple Parishes* – Mr. Shread assisted the professional engineers in the repair of urban roadways damaged during Hurricane Katrina. Identified repairs for 25+ urban streets in Orleans, Jefferson, and St. Bernard Parishes. The field work included identification of base failures, recommended repairs, development of typical sections, sequence of construction and quantities. These roadways were **pavement preservation/restoration** projects.

16. Staff Experience

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

Name	**Garrett J. Gilbert P.E.**	Years of relevant experience with this employer	6
Title	CIVIL ENGINEER	Years of relevant experience with other employer(s)	1

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

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; Experience dates should cover the years of experience specified in the applicable MPR(s).
	Mr. Gilbert has been a Project Manager/Road Design Engineer on multiple classes of roadways including pavement preservation projects, widening projects, new alignments, and intersection improvements. He has experience with vertical alignments, joint layouts, drainage design, erosion control, sequence of construction, signing, earthwork, quantity estimates, and cost estimates for roadway projects.
12/22-Present	**H.015056, H.015058, H.015619 / IDIQ Pavement Preservation Contract:** *Vermillion and Evangeline Parishes* – Mr. Gilbert assists in roadway design under the supervision of an P.E., which included the identification of base failures, recommended repairs, identify drainage improvements, development of typical sections, sequence of construction and quantities. The contract consists of preparing preliminary and final plans for the mill and overlay and reconstruction for the roadways associated with this IDID Pavement Preservation Contract. These roadways were **pavement preservation/restoration** projects.
12/22-Present	**H.009266/ I-10: LA 73 to LA 30:** *East Baton Rouge Parish* – The I-10: LA 73 to LA 30 project is the addition of a third lane to the I-10 corridor between LA 73 and LA 30, including the **widening** of the bridges crossing I-10 within project boundaries. Mr. Gilbert has performed quantity calculation and cost estimation for the project. Mr. Gilbert also performed the drainage analysis and joint layout for a portion of the project.
03/21 – 01/25	**H.010155 / US 90: Rail Spur Removal SE of LA 85:** *Iberia Parish* – For the future I-49, this project consists of preliminary and final plans for roadway and two (2) parallel bridge structures over an existing at grade railroad crossing at US 90 in Iberia Parish. The existing at-grade railroad crossing will be replaced with a bridge structure crossing the railroad. The existing frontage road (South) will be improved to carry US 90 traffic on a diversion road during bridge construction. Mr. Gilbert performed the quantity and cost estimation for the roadway elements of the project with addition of the earthwork.
05/21-Present	**MA-20-01/ LA 73 Roundabout at Bluff Rd. Connector:** *Ascension Parish* – The Bluff connector project is a **new construction** project for a connector road between LA 73 and Bluff Road. Mr. Gilbert managed vertical alignment and drainage design for the project. Mr. Gilbert also managed quantity and cost estimation for the project. A substantial portion of the project was designed using OpenRoads. This work in OpenRoads was also used to perform an inhouse OpenRoads tutorial presented by Mr. Gilbert.

04/21-Present	**H.014051/ Lakewood Dr. Reconstruction:** *St. Charles Parish* – Currently in construction, the Lakewood Dr. Reconstruction Project is the **reconstruction** of an urban minor collector. Mr. Gilbert performed the quantity and cost estimation for the project. Mr. Gilbert also performed a drainage study in a separate contract with St. Charles Parish. The purpose was to investigate observed insufficiencies in the subsurface drainage system along the Lakewood Dr. corridor. The study used DOTD HYDRWIN programs to inform sufficiency of the existing drainage system on Lakewood Dr. Mr. Gilbert has been performing CE&I duties for DOTD as SKA are the LPA engineers for the project.
06/20-05/22	**H.012588/H.012169/H.012587 I:10 Overlays Atchafalaya Basin Bridge To W End Of La 415:** *Iberville/West Baton Rouge* Parishes– These are three separate overlay projects that follow sequentially along I-10. The project intention is to overlay the existing pavement by 8" over existing structure, using transitions to meet tie-ins at project limits and bridges. The majority of the projects were adjusting existing conditions to meet design standards. Mr. Gilbert managed all parts of plan creation under P.E. supervision. This includes adjustments to drainage, road, striping, earthwork, guardrail, sequence of construction, and cable barriers. OpenRoads was used moderately through the projects in attempt to prepare for the eventual switch to the program for DOTD projects. These roadways were **pavement preservation/restoration** projects.
04/20-04/22	**H.001799/ LA 531 Overpass:** *Webster Parish* – The project consists of **roundabouts at the interstate ramp termini** and the corresponding roadway tie-ins for the LA 531 bridge replacement. This project is approximately 0.3 miles long along LA 531. Roundabouts will be constructed at the I-20 entrance/exit ramp intersections with LA 531 both to the north and south of the LA 531 overpass. Mr. Gilbert performed the quantity and cost estimation. Mr. Gilbert performed the joint layout, drainage design, signing, and erosion control for the project. Mr. Gilbert assisted with sequencing of the project specifically designing the detour roadways.
01/20-05/22	**MA-18-08/ Henry Road @ LA 930 Roundabout:** *Ascension Parish* – This project included a **roundabout at the intersection** of Henry Road and LA 930 (Daigle Road) to replace the existing stop-controlled intersection with a proposed single lane roundabout. LA 930 is a two-lane roadway running north-south at its intersection with Henry Road. This project required coordination with DOTD for the route LA 930. Mr. Gilbert performed the quantity and cost estimation for the Henry Road Roundabout Project. Mr. Gilbert also performed the drainage design and signing for the project.
12/19-On Hold	**MA-17-02/ Roddy Road Widening: US 61 TO LA 935:** *Ascension Parish* – This project was a **reconstruction** of the existing roadway that **widened** the existing section to current design standards. Mr. Gilbert performed the quantity and cost estimation for the Roddy Road widening project. Mr. Gilbert also performed the signing, and erosion control for the project. Mr. Gilbert is not currently performing work on this project.
09/19-03/22	**H.004435/ LA 3241: LA 36 TO LA 435:** *St. Tammany Parish* – Mr. Gilbert performed the quantity and cost estimation for the new construction project of LA 3241. Mr. Gilbert designed the erosion control and signing for the project. The project is **new construction of a 4-lane** median separated, rural arterial roadway.
06/19-Present	**H.003047/ Pecue Lane/ I-10 Interchange (PHASE 3):** *East Baton Rouge Parish* – This project includes a **Diverging Diamond Interchange (DDI)**. The project was ultimately broken into three separate phases and design plans to facilitate federal redistribution funding requirements, and the design team was challenged with an **accelerated schedule** as a result. The DDI includes full eastbound and westbound on and off ramps on I-10 and widens Pecue Lane to six lanes with a connector to Rieger Road. To accommodate the ramps, widening of I-10 was necessary. Mr. Gilbert performed the quantity estimation and cost estimation for the Pecue Lane DDI Interchange project. The project was the addition of an DDI interstate interchange at Pecue Lane and I-10. Mr. Gilbert is not currently performing work on this project.
05/17-08/17 **05/18- 08/18** **01/19-06/19**	**Mississippi Department Of Transportation: Brookhaven Construction Office / Carthage Construction Office / Whitfield Construction Office:** Mr. Gilbert interned with MDOT for two summers and was a full-time employee after graduation for five months. Mr. Gilbert worked for various MDOT construction offices which work to insure MDOT projects are constructed to state standards and manages appropriate payment for construction. Mr. Gilbert began in inspection roles, ensuring contractors performed tasks to proper standards and quantities were recorded for payment purposes. Towards the end of his employment with MDOT Mr. Gilbert was being trained to manage projects. Mr. Gilbert spent most of his time with MDOT in the field, overseeing reconstruction, new construction, bridge construction and all-encompassing work related to these types of state transportation projects.

16. Staff Experience

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

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

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

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; Experience dates should cover the years of experience specified in the applicable MPR(s).
12/22-Present	**H.015056, H.015058, H.015619 / IDIQ Pavement Preservation Contract:** *Vermillion and Evangeline Parishes* – Mr. Partin provides *CADD work* for this project which includes identification of base failures, recommended repairs, identify drainage improvements, development of typical sections, sequence of construction and quantities. The contract consists of preparing preliminary and final plans for the mill and overlay and reconstruction for the roadways associated with this IDID Pavement Preservation Contract. These roadways were **pavement preservation/restoration** projects.
03/21 – 01/25	**H.010155 / US 90: Rail Spur Removal SE of LA 85:** *Iberia Parish* – Mr. Partin provided *CADD work* for the future I-49**,** this project consists of preliminary and final plans for roadway and two (2) parallel bridge structures over an existing at grade railroad crossing at US 90 in Iberia Parish. The existing at-grade railroad crossing will be replaced with a bridge structure crossing the railroad. The existing frontage road (South) will be improved to carry US 90 traffic on a diversion road during bridge construction.
05/21-Present	**MA-22-01/ LA 73 Roundabout at Bluff Rd. Connector** *Ascension Parish* – Mr. Partin provided *CADD work* for the design of the **multi-lane roundabout** which includes a southbound channelized right turn lane on LA 73, an eastbound channelized right turn lane on the LA 73 at Bluff Rd. Connector, and is a multilane roundabout only in the northbound and southbound directions. This project, LA 73 Roundabout at Bluff Rd. Connector (MA-22-01), will convert an existing section of LA 73 from three lanes to four lanes with a raised median and curb and gutter providing access management. Two bulb-outs will be added for U-turns and control of access at the end of the project limits and a multi-lane roundabout is being designed at the intersection with the future Bluff Road Connector (MA-20-01) and an existing commercial drive. Access Management is being implemented due to the proximity of the roundabout to I-10 at LA 73.
06/20-05/22	**H.012588, H.012169, H.012587/ I-10 (Atchafalaya Basin Bridge to LA 415):** *West Baton Rouge and Iberville Parishes* – Mr. Partin provided *CADD work* for these improvements which involved the overlay and raising of the grade by 8". The asphalt paving was tapered at bridges to allow for smooth transitions. DOTD design guidelines were followed to bring the interstate up to the guideline standards. Fill was used on fore slopes to tie in and match the new 8" overlay. Guardrail was replaced using MASH special details. Existing cable barrier was removed and replaced closer to the shoulder to improve maintenance. Underdrains and cross drains were modified as needed. These roadways were **pavement preservation/restoration** projects.

04/14-Present	**H.004435 / LA 3241 (LA 36 to LA 435):** *St. Tammany Parish* – Currently in the construction phase. Mr. Partin provided *CADD work* for this project which includes three (3) segments of nearly **20 miles of new roadway** to connect Interstate 12 to the southern terminus of LA 21 in Bush, LA. SKA's contracted segment consists of approximately eight miles of a new alignment in St. Tammany Parish. This new roadway is a four-lane freeway with two new bridges (4 structures total) to span Bayou Lacombe at two different locations, each approximately 500' long. Innovative design alternatives were implemented during design as geometry was restricted to Restricted Crossing U-Turns (RCUT) at the major intersections and implementing J-Turns to accommodate U-turns and intersection thru movements.
08/10-01/15	**H.003107 / French Branch Bridge – West Pearl River Bridge (I-10 / I-12 / I-59):** *St. Tammany Parish* – Mr. Partin provided *CADD work* for this project which included the pavement preservation of the I-10 / I-12 / I-59 Interchange. The improvements and repairs included rubblization, pavement replacement, and overlay for cross slope correction. ***This project was a pavement preservation/restoration project and awarded the DOTD 2016 Transportation Excellence Award.***
10/12-Present	**H.009266 / I-10 (LA 73 to LA 30):** *Ascension Parish* – This project includes **widening approximately 4.5 miles of Interstate 10** from LA 73 to LA 30. Project scope includes widening the interstate from two lanes in each direction to three lanes in each direction, existing bridge widening at three locations within the project limits. Phased construction of bridges at the LA 73 interchange with I-10 requires diversion crossovers and ramp modifications. Mr. Partin is assisting in the CADD work for construction plans, which include typical sections, details, quantity calculations, alignment plan and profile sheets, drainage maps, geometric details, bridge plans and details, and cross sections.
11/08-11/12	**H.009064, H.009987, H.009717, H.009712 et. al./ LADOTD Submerged Roads Program (Paths to Progress) (Phase A and Phase B):** *Multiple Parishes* – Mr. Partin was responsible for the CADD work 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.

16. Staff Experience

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

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

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

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; Experience dates should cover the years of experience specified in the applicable MPR(s).
12/22-Present	**H.015056, H.015058, H.015619 / IDIQ Pavement Preservation Contract:** *Vermillion and Evangeline Parishes* – Ms. Sherman provides *CADD work* for this project which includes identification of base failures, recommended repairs, identify drainage improvements, development of typical sections, sequence of construction and quantities. The contract consists of preparing preliminary and final plans for the mill and overlay and reconstruction for the roadways associated with this IDID Pavement Preservation Contract. These roadways were **pavement preservation/restoration** projects.
06/20-05/22	**H.012588, H.012169, H.012587/ I-10 (Atchafalaya Basin Bridge to LA 415):** *West Baton Rouge and Iberville Parishes* – Ms. Sherman provided *CADD work* for these improvements which involved the overlay and raising of the grade by 8". The asphalt paving was tapered at bridges to allow for smooth transitions. DOTD design guidelines were followed to bring the interstate up to the guideline standards. Fill was used on fore slopes to tie in and match the new 8" overlay. Guardrail was replaced using MASH special details. Existing cable barrier was removed and replaced closer to the shoulder to improve maintenance. Underdrains and cross drains were modified as needed. These roadways were **pavement preservation/restoration** projects.
12/19-On-Hold	**MA-17-02/ Roddy Road Widening:** *Ascension Parish* – This project consisted of **widening** Roddy Road in Ascension Parish. Ms. Sherman assisted with the process of creating working drawings, using topographic data, and as built drawings to create an accurate layout for plan and profile sheets, typical sections, and geometric layout. As well as creating clearing and grubbing and right of way plans.
06/17-On Hold	**H.011923 / Hooper Rd Roundabout at Sullivan Rd (LA 408 at LA 3034):** *East Baton Rouge Parish* – Shread-Kuyrkendall & Associates designed project plans for the implementation of a **multi-lane roundabout** with right turn slip lanes at the intersection at Hooper Rd (LA 408) at Sullivan Rd (LA 3034) in Central. The roundabout is being designed in conjunction with planned improvements to both Hooper and Sullivan Roads to improve safety and operation of the intersection. Ms. Sherman assisted with the process of creating working draws for plan and profile sheets, typical sections, and geometric layout. Due to environmental concerns, this project has been put on hold.
10/12-Present	**H.009266 / I-10 (LA 73 to LA 30):** *Ascension Parish* – This project includes **widening approximately 4.5 miles of Interstate 10** from LA 73 to LA 30. Project scope includes widening the interstate from two lanes in each direction to three lanes in each direction, existing bridge widening at three locations within the project limits. Phased construction of bridges at the LA 73 interchange with I-10 requires diversion crossovers and ramp modifications. Ms. Sherman is assisting with the process of creating working drawings, using topographic data to create an accurate layout for plan and profile sheets, typical sections, striping, and signage plans.

16. Staff Experience

Firm employed by **Civil Design & Construction, Inc. (CD&C)**

Name	**Karla E. Weston, PE**		Years of relevant experience with this employer	19
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			PE 31010 / Louisiana / March 31, 2026	
Year registered	2004	Discipline	Civil Engineer	
Contract role(s) / brief description of responsibilities			Mrs. Weston's 25 years of experience with LADOTD and other municipal entities on transportation projects provides her the knowledge and ability to oversee the firms' role as a sub-consultant and ensure the work is completed to LADOTD standards.	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).
01/24 – 03/24	**RN Nuccio Rd SUE:** Mrs. Weston's served as Principal-in-Charge for the firm's SUE work on this bridge replacement project. CD&C, Inc. provided SUE utility locations with SUE QL-B utility designation. CD&C, Inc. provided all SUE reports and data.
01/24 – 03/24	**RN Berry Bowl SUE:** Mrs. Weston's served as Principal-in-Charge for the firm's SUE work on this bridge replacement project. CD&C, Inc. provided SUE utility locations with SUE QL-B utility designation. CD&C, Inc. provided all SUE reports and data.
04/24 – 05/24	**BRMA FAA Boring:** *Baton Rouge, LA* – Mrs. Weston's served as Principal-in-Charge for the firm's SUE work on this project. This project included the coordination of SUE QL-B utility information and boundary survey of over 4 acres. Survey crews collected data to incorporate for the final deliverable which included boundary plat, and SUE reports, data, and plans.
03/24 – Present	**MSY East Apron Expansion:** *Jefferson Parish, LA* – Mrs. Weston's serves as Principal-in-Charge for the firm's SUE work on this project. This project includes the coordination of SUE QL-B utility information and topographic survey for over 7 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
03/24 – 05/24	**MSY Employee Parking:** *Jefferson Parish, LA* – Mrs. Weston's served as Principal-in-Charge for the firm's SUE work on this project. This project included SUE QL-B utility information and topographic survey for approximately 0.5 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
02/24 – 05/24	**BRMA Radar Decomp:** *Baton Rouge, LA* – Mrs. Weston's served as Principal-in-Charge for the firm's SUE work on this project. This project included SUE QL- B utility information and topographic survey for over 2 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.

12/23 – 05/24	**BRMA Taxiway F Reconstruction:** *Baton Rouge, LA* – Mrs. Weston's served as Principal-in-Charge for the firm's SUE work on this project. This project included SUE QL-B utility information and topographic survey for over 25 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
02/16 – 09/19	**H.003047 Pecue Lane/I-10 Interchange:** *Baton Rouge, LA* – Mrs. 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	**H.02960 Gramercy Bridge:** *St. James Parish, LA* – Mrs. 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	**H.010620 I-49 Design Build:** *Lafayette, LA* – Mrs. 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	**H.009288.5 LA 1 Railroad Bridge at DOW:** *WBR Parish, LA* – 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 and coordination with prime consultant team.
01/06 – 12/12	**EBR City/parish Project No. 06-CS-HC-0018, Fairchild-Badley Roadway:** *EBR Parish, LA* – Mrs. 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	**H.009104.5 - Sunshine Bridge Phase 2:** 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	**Red River – Jackson Street Bridge:** *Alexandria, LA* – Ms. Weston served as Project Manager and Engineer for CD&C's portion of this Bridge Rehab Retainer Contract 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	**H.009986 – Paths 2 Progress:** *Jefferson, Orleans, Plaquemines, St. Bernard and St. Tammany Parishes (Group 33)* – 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	**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)* – 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.

16. Staff Experience

Firm employed by **Civil Design & Construction, Inc. (CD&C)**

Name	**Chris Ballard, PLS**		Years of relevant experience with this employer	8	
Title	Survey 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			PLS 5033 / Louisiana / September 30, 2026		
Year registered	2010	Discipline	Land Surveyor		
Contract role(s) / brief description of responsibilities.			**Meets the role for MPR 4** Mr. Ballard serves 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.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of specified in the applicable MPR(s).
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Ballard is the Survey Manager for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR:** Mr. Ballard is the Survey Manager for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
09/18 – 01/20	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12:** *West and East Baton Rouge, LA* – Mr. Ballard is the Survey 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	**H.010006.5-3 LA 58 Petit Caillou Bridge Rehabilitation (Sarah Bridge):** *Terrebonne Parish, LA* – Mr. Ballard is the Survey Manager for 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	**Bridge Replacements in East Feliciana Parish:** *Rural East Feliciana Parish, LA* – Mr. Ballard is the Survey 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	**East Baton Rouge Parish Bridges:** *East Baton Rouge Parish, LA* – In 2017, CD&C performed topographic surveys for at least 4 Bridge Replacement Projects throughout East Baton Rouge Parish. Mr. Ballard served as Survey 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	**H.012728.5 LA 443: Tangi River Bridge Replacement:** *Tangipahoa Parish, LA* – 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, 3D Terrestrial Scanning 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	**H.012650.5-1 District 62 Bridges:** *Livingston and Tangipahoa Parishes, LA* – Mr. Ballard is the Survey 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 3D Terrestrial Scanning.
10/15 – 12/18	**H.003184.5 I-10 Texas State Line – East of Coone Gully:** *Calcasieu Parish, LA* – 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	**H.005733.5 US 190 Superstreet:** *St. Tammany Parish, LA* – 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 processing of data, review of field notes and weeklies, & performing final punch list. This project also included work in the Abita River utilized 3D Terrestrial Scanning for the main route.
10/15 – 01/16	**H.011773 Hanks Dr/Landis Drive Pedestrian Improvements:** *East Baton Rouge Parish, LA* – 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	**H.002372 LA 42 Widening and Improvements:** *Ascension Parish, LA* – 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	**H.010960.5-2, LA 30 Roundabout at Tanger I-10:** *Ascension Parish, LA* – 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 3D terrestrial scanning.

16. Staff Experience

Firm employed by **Civil Design & Construction, Inc. (CD&C)**

Name	**Madison Mills, PLS**		Years of relevant experience with this employer	3	
Title	Survey Project Manager		Years of relevant experience with other employer(s)	4	
Degree(s) / Years / Specialization			BS / 2016 / Civil Engineering		
Active registration number / state / expiration date			PLS 5293/ Louisiana / March 31,2027		
Year registered	2022	Discipline	Land Surveyor		
Contract role(s) / brief description of responsibilities.			Mr. Mills joined CD&C in 2021 as a Land Surveying Intern and has recently been licensed as a Professional Land Surveyor. He serves as a Survey Technician and assistant PM 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.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of specified in the applicable MPR(s).
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Mills is the Survey Project Manager on this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	**H.015619.5 LA 106:** Mr. Mills is the Survey Project Manager on this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods was used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015056 - LA 685:** Mr. Mills is the Survey Project Manager on this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Mills is the Survey Project Manager on this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 I-20 UPPR**: Mr. Mills is the Survey Project Manager on this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
08/22 – 02/23	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3:** Mr. Mills is working as a Survey PM this Louisiana Watershed Initiative project. He has been responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the final deliverables to the client. CD&C is a sub-consultant on this project.
01/22 – 11/22	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2:** Mr. Mills is working as a Survey PM this Louisiana Watershed Initiative project. He has been responsible for managing crews, processing field data, creating punch-lists, working with utilities, and complete the final deliverables to the client. CD&C is a sub-consultant on this project.

09/21 – 03/22	**H.014747 Southern University Ravine Protection, East Baton Rouge Parish**: Mr. Mills served as a Survey Technician for this project. CD&C as a sub-consultant on this project was responsible for topographic survey of the sites at Southern University. The topographic data for this project was collected both traditionally and utilizing 3D Scanning.
08/21 – Present	**H.011833.5 St. Mary Street Sidewalks; Scott, LA**: Mr. Mills served as a Survey Tech for this project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal will be in accordance with latest LADOTD Location and Survey standards.
03/22 – 09/22	**H.010960.5-2 Roundabouts at LA 182, Lafayette, LA**: Mr. Mills served as a Survey Tech for the project. CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. CD&C SUE personnel worked to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
02/21 – 07/22	**H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek:** 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 – 07/22	**H.013955 LA 961 Bride at Sandy Creek:** *West Feliciana Parish, LA* – 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 – 07/22	**H.013956 LA 961 Bridge at Beamon Rd. Bayou Maringouin:** *Pointe Coupee Parish, LA* – 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	**H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School:** *Baton Rouge,* LA – 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	**H.010108 Safe Routes to Schools – Independence Sidewalks:** *Baton Rouge, LA* – 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	**H.0014560.5 LA 94 Vermillion River:** *St. Martin Parish,* LA – 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	**Chancey Cothren, LSI**		Years of relevant experience with this employer	1	
Title	Land Survey Intern		Years of relevant experience with other employer(s)	2	
Degree(s) / Years / Specialization			BS / 2023 / Geomatics		
Active registration number / state / expiration date			LSI 0000776 / LA / March 31, 2026		
Year registered	2023	Discipline	Land Surveying Intern		
Contract role(s) / brief description of responsibilities			Mr. Cothern is a Land Surveying Intern. He will help 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.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of specified in the applicable MPR(s).
6/23 – 8/23	**LA-22:** Mr. Cothren was on the survey crew that performed the topographic survey along LA-22. This survey was about four miles long and the data was collected using laser scanning, UAV lidar, and traditional survey methods. Project was completed to LADOTD Location and Survey Standards and practices.
8/23 – 10/23	**I-10 / LA-44:** Mr. Cothren was on the survey crew that performed the topographic survey. The survey was just over two miles along I-10 and two miles along LA – 44. Data was collected using lidar and traditional survey methods. Project was completed to LADOTD Location and Survey Standards and practices.
11/23 – 12/23	**Gause Blvd / EI-10 Service Road:** Mr. Cothren was on the survey crew that performed the topographic survey. The survey was just over two miles along EI-10 Service Rd. This project was completed using GPS and Total Staton. Project was completed to LADOTD Location and Survey Standards and practices.
8/22 – 9/22	**USACE: Mississippi river hydrographic survey:** Mr. Cothren was on the survey crew that performed hydrographic surveys to locate any submerged obstructions in portions of the river. This project was completed using magnetometers and USV's.
8/23	**USACE: Mississippi river revetment restoration:** Mr. Cothren was on the survey crew that performed the surveys needed to locate how much dirt needed to be removed when shaping the levee for the placement of the new revetments. This Project was completed to Louisiana Survey Standards and practices.

16. Staff Experience

Firm employed by **Civil Design & Construction, Inc. (CD&C)**

Name	**Bradley Jacobs, EI**	Years of relevant experience with this employer	2	
Title	Survey Technician	Years of relevant experience with other employer(s)	9	
Degree(s) / Years / Specialization		BS / 2015 / Civil Engineering		
Active registration number / state / expiration date		EI 0032456 / Louisiana / September 30, 2025		
Year registered	2015	Discipline	Engineering Intern	
Contract role(s) / brief description of responsibilities		Mr. Jacobs serves as a Survey Technician and will process field crew data and finalize deliverables.		

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of specified in the applicable MPR(s).
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Jacobs is the Survey Technician for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	**H.015619.5 LA 106:** Mr. Jacobs is the Survey Technician for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods were used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices
05/23 – 08/23	**H.015056 - LA 685:** Mr. Jacobs is the Survey Technician for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Jacobs is the Survey Technician for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR:** Mr. Jacobs is the Survey Technician for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
08/22 – Present	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3:** Mr. Jacobs is working as a Survey Technician this Louisiana Watershed Initiative project. He has been responsible for processing field data and creating punch-lists for field crews. CD&C is a sub-consultant on this project.
01/22 – 11/22	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2:** Mr. Jacobs is working as a Survey Technician this Louisiana Watershed Initiative project. He has been responsible for processing field data and creating punch-lists for field crews. CD&C is a sub-consultant on this project.

01/15 – 05/15	**Albany Annex:** 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	**Pecue Lane:** 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. Worked on the horizontal and vertical alignments for the preliminary and final design of the project. Also set up the horizontal and vertical alignments for the detour road. Designed the subsurface drainage systems along with the existing and design drainage maps. Also worked on the drainage report with technical writing, drainage maps, and calculations. Set up the temporary erosion control and set the limits of construction. Worked on the joint layout and calculated the elevations for the graphical grade. Calculated the quantities and cost estimate for the project.
06/15 – 07/15	**Essen Lane Control:** 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	**Jefferson and Corporate Interchange Survey:** Created the GPS control sketch that shows the traverse for the survey.
06/21	**Pollard Branch:** Wrote the legal descriptions for three different tracts. The legal descriptions reflected the overall boundary survey maps. Topographic Surveys
06/14 – 07/14	**I-12 to Bush:** Worked as a rodman. We cut cross sections every 100 feet for road improvements and did a topographic survey using total stations. Set up the cross sections for 8 miles of new road. Worked on the drainage of the equalizer pipes throughout the project. Worked on the temporary and permanent erosion control for the entire project. Calculated the quantities and cost estimate for the project.
07/19 – 07/20	**LA 964:** Designed the horizontal and vertical alignments for LA 964 for the new section that will cover the Comite Diversion Canal. Designed horizontal and vertical alignments for the diversion road. Designed the superelevation for the road in the horizontal curve. Designed the open channel ditches and sized the culverts for the project. Set up the typical sections and cross sections for the project. Calculated the quantities and cost estimate for the project.
07/18 -07/19	**I-10 Widening from Highland to LA 73:** Worked on cross sections. Worked on the typical sections and drainage.

16.Staff Experience

Firm employed by **Civil Design & Construction, Inc. (CD&C)**

Name	**Scott Benton**		Years of experience with this firm/employer	6.5
Title	Survey Project Manager		Years of experience with other firm(s)/employer(s)	5
Degree(s) / Years / Specialization			ATSSA Traffic Control Supervisor, Technician & Flagger	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Mr. Benton serves as a Survey Project Manager and 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.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of specified in the applicable MPR(s).
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Benton is the 3D Scanning Technician on this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015056 - LA 685:** Mr. Benton is the 3D Scanning Technician on this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Benton is the 3D Scanning Technician on this project Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR:** Mr. Benton is the 3D Scanning Technician on this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
10/20 – 01/21	**H.014302 US 165 Lighting:** *Monroe,* LA – Mr. Benton served as the firm's lead 3D Scanning Technician on this lighting project. CD&C was a sub-consultant on this project and 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.
12/19 – 01/20	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12:** *West and East Baton Rouge,* LA – 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	**H.008369 Cleo Road Roundabout:** *St. Tammany Parish, LA* – 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	**H.009288 LA 1 Railroad Bridge at DOW:** *West Baton Rouge, LA* – 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	**H.005693 LA 447:** *Walker, LA* – 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	**H.011088.5 West Prien Lake:** *Lake Charles, LA* – 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	**H.010319.5 I-110 North St. to Plank Road:** *Baton Rouge, LA* – 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	**Jacob Stoehr**	Years of relevant experience with this employer	8.5	
Title	Survey Party Chief	Years of relevant experience with other employer(s)	1.5	
Degree(s) / Years / Specialization		ATSSA Traffic Control Supervisor, Technician & Flagger		
Active registration number / state / expiration date		N/A		
Year registered	N/A	Discipline	N/A	
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.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).
02/23 – 12/23	**H.012027 I 20: Union Pacific RR Overpass:** Mr. Stoehr served as a Party Chief on this project. CD&C as a sub-consultant on this project was responsible for topographic survey beginning and ending 5000 feet beyond either end of the approach slab of the I-20 eastbound and westbound subject bridge structure. Terrestrial Laser Scanning was used on all hard surface areas such as Parking Lots, Roadway and Bridge structures, and Union Pacific Railroad rails.
09/21 – 03/22	**H.014747 Southern University Ravine Protection:** *East Baton Rouge Parish* – 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.
07/20 – 04/21	**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* – 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 – 01/20	**H.004100 I-10: LA 415 to Essen Lane on I-10 and I-12:** *West and East Baton Rouge, LA* – 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 – 12/18	**H.010960.5-2, LA 30 Roundabouts at Tanger I-10:** *Ascension Parish, LA* – 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 – 01/18	**H.011235 I-49 Verot School Road:** *Lafayette, LA* – 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	**Bridge Replacements in East Feliciana Parish:** *Rural East Feliciana Parish, LA* – Mr. Stoehr served as a Jr. Party Chief on 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 must be in accordance with FEMA's policies and procedures.
7/17 – 12/18	**H.003184.5 I-10 Texas State Line East of Coone Gully:** 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)**

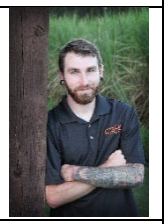
Name	**Drennon Humphreys**		Years of relevant experience with this employer	3	
Title	Survey Party Chief		Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization			ATSSA Traffic Control Supervisor, Technician & Flagger		
Active registration number / state / expiration date			N/A		
Year registered	N/A	Discipline	N/A		
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.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of specified in the applicable MPR(s).
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	**H.015619.5 LA 106:** Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods was used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015056 - LA 685:** Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Humphreys served as a Party Chief for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR:** Mr. Humphreys served as a Party Chief for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
08/22 – Present	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3:** Mr. Humphreys is working as 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.
01/21 – 06/21	**H.013959 Reeds Bridge Rd. Calcasieu River Relief:** *Allen Parish, LA* – 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	**H.013958 Carpenters Bridge Rd. Whiskey Chitto Creek:** *Allen Parish, LA* – 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	**Move BR: Lee Drive – Highland Rd. to Perkins Rd.:** *Baton Rouge, LA* – 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	**Move BR: Hennessy Blvd. –Perkins Rd. to Picardy Ave.:** *Baton Rouge, LA* – 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 – 11/22	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2:** 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	**H.013956 Beamon Rd. Bayou Maringouin:** *Pointe Coupee Parish, LA* – 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	**Alex Wells**		Years of relevant experience with this employer	4	
Title	Survey Party Chief		Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization			ATSSA Traffic Control Supervisor, Technician & Flagger		
Active registration number / state / expiration date			N/A		
Year registered	N/A	Discipline	N/A		
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.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of specified in the applicable MPR(s).
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Wells served as a Party Chief for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	**H.015619.5 LA 106:** Mr. Wells served as a Party Chief for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods was used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Wells served as a Party Chief for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
02/23 – 12/23	**H.012027.5 - I-20 UPPR:** Mr. Wells served as a Party Chief for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.
09/21 – 03/22	**H.014747 Southern University Ravine Protection:** *East Baton Rouge Parish* – Mr. Wells 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.
08/21 – Present	**H.011833.5 St. Mary Street Sidewalks:** *Scott, LA* – Mr. Wells 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.
09/22 – 01/23	**BRMA Northwest Aviation Development:** Mr. Wells 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.
07/20 – 10/21	**H.013989 Greybow Rd. Palmetto Creek:** 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	**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* – Mr. Wells was an Instrument Man on this project. CD&C was a sub-consultant on this project and 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	**H.009290.5 Safe Routes to Schools – LSU Sidewalk Improvement near LSU Lab School:** *Baton Rouge, LA* – 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	**H.014302 US 165 Lighting:** *Monroe, LA* – Mr. Wells was an Instrument Man on this project. CD&C was a sub-consultant on this project and 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)

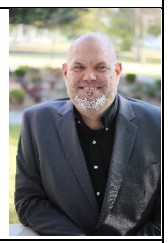
Name	**Hunter Smith**		Years of relevant experience with this employer	2
Title	Survey Party Chief		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization			ATSSA Traffic Control Supervisor, Technician & Flagger	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Mr. Smith joined CD&C in 2022 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.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of specified in the applicable MPR(s).
12/23 – 05/23	**H.012618 LA 347 Drainage Improvements:** Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 2 miles of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/23 – 12/23	**H.015619.5 LA 106:** Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 8 miles of roadway. Traditional means and methods was used to collect limited topographic data for this overlay and roadway rehabilitation project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015056 - LA 685:** Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Smith served as an Instrument Man for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
09/21 – 03/22	**H.014747 Southern University Ravine Protection:** *East Baton Rouge Parish* – Mr. Smith served as an Instrument Man for this project. He helped in collecting of topographic data in the field utilizing LADOTD Field Codes.
08/22 – Present	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 3:** Mr. Smith served as an Instrument Man for this 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.
01/22-11/22	**4400017091 Louisiana Watershed Initiative Region 5 – Task Order 2:** Mr. Smith served as an Instrument Man for this 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.
02/23 – 12/23	**H.012027.5 - I-20 UPPR:** Mr. Smith served as an Instrument Man for this project. Topographic Survey for the interstate in North Louisiana. Both traditional means and methods and 3D Scanning were used to collect topographic data for this interstate and overpass improvement project. This project also included coordinate and survey of the Union Pacific Railroad line crossing I-20. Project was completed to LADOTD Location and Survey Standards and practices.

16. Staff Experience

Firm employed by Civil Design & Construction, Inc. (CD&C)

Name	**Clarence J. Goodspeed**		Years of relevant experience with this employer	2
Title	SUE Manager		Years of relevant experience with other employer(s)	30
Degree(s) / Years / Specialization			ATSSA Traffic Control Supervisor, Technician & Flagger	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	



Contract role(s) / brief description of responsibilities	Mr. Goodspeed has 30 years' experience in underground utilities. Mr. Goodspeed has been involved in almost every aspect of underground utilities and His knowledge of reading multiple utility companies prints and understand how their systems are installed makes him a great asset to managing CD&C Sue department.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of specified in the applicable MPR(s).
03/23 – Present	**MSY Campus Wide Sewer Location**: Mr. Goodspeed serves as the firms SUE PM for the project. CD&C is performing a combination of both a QL-B and QL-A for the Louis Armstrong Airport campus to locate it's sanitary sewer lines. This project encompasses the entire campus. All sewer manholes and gravity lines as well as sewer forcemains are to be located. Verification of pipe size and material is also required. CD&C is providing all SUE appropriate reports and data for this project.
01/24 – 03/24	**RN Nuccio Rd SUE**: Mr. Goodspeed served as SUE Manager for the firm's SUE work on this bridge replacement project. CD&C, Inc. provided SUE utility locations with SUE QL- B utility designation. CD&C, Inc. provided all SUE reports and data.
04/24 – 05/24	**BRMA FAA Boring**: Mr. Goodspeed served as SUE Manager for the firm's SUE work on this project. This project included the coordination of SUE QL-B utility information and boundary survey of over 4 acres. Survey crews collected data to incorporate for the final deliverable which included boundary plat, and SUE reports, data, and plans.
03/24 – Present	**MSY East Apron Expansion**: Mr. Goodspeed served as SUE Manager for the firm's SUE work on this project. This project includes the coordination of SUE QL-B utility information and topographic survey for over 7 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
03/24 – 05/24	**MSY Employee Parking**: Mr. Goodspeed served as SUE Manager for the firm's SUE work on this project. This project included SUE QL- B utility information and topographic survey for approximately 0.5 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
02/24 – 05/24	**BRMA Radar Decomp**: Mr. Goodspeed served as SUE Manager for the firm's SUE work on this project. This project included SUE QL- B utility information and topographic survey for over 2 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.

12/23 – 05/24	**BRMA Taxiway F Reconstruction**: Mr. Goodspeed served as SUE Manager for the firm's SUE work on this project. This project included SUE QL- B utility information and topographic survey for over 25 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
05/23 – 06/23	**West Broussard @ Duhon SUE:** Mr. Goodspeed served as SUE Manager for the firm's SUE work on for this project. CD&C, Inc. provided SUE QL-A utility designation for approximately 2,000' of roadway. CD&C, Inc. provided all SUE reports and data.
09/22 – 01/23	**BRMA Northwest Aviation Development**: Mr. Goodspeed serves as the firms SUE PM for the project. He is overseeing and working with CD&C SUE personnel to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with standards set forth by City/Parish government for East Baton Rouge.
03/22 – 10/23	**H.011833.5 St. Mary Street Sidewalks:** *Scott, LA* – Mr. Goodspeed serves as the firms SUE PM for the project. He is overseeing and working with CD&C SUE personnel to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
03/22 – 09/22	**H.010960.5-2 Roundabouts at LA 182:** *Lafayette, LA* – Mr. Goodspeed serves as the firms SUE PM for the project. He is overseeing and working with CD&C SUE personnel to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
07/23 – Present	**College Drive (MoveBR):** Mr. Goodspeed serves as the firm's SUE Manager for the project. This project includes full topography and utility coordination for approximately 20 acres. He worked in the field to coordinate the collection of all the utility information and location for survey crews to incorporate utility information to a QL-D to QL-B level accuracy. An official SUE submittal was not required for this project. The final submittal is following standards set forth by the City/Parish government for EBR.
10/23 – Present	**HMGP – FEMA Groom Road Brushy Bayou:** Mr. Goodspeed served as the firm's SUE Manager for the project. This project included full SUE submittal for approximately 1 mile of roadway. He worked in the field to coordinate the collection of all the utility information and location for survey crews to collect data and incorporate it for the submittal of QL-B.
05/23 – 06/23	**Burbank at Pelican Lakes:** Mr. Goodspeed served as the firm's SUE Manager on this intersection improvement project in Baton Rouge. Location of all subsurface utilities were provided to QL-C.
01/23 – 07/23	**Pride Port Hudson Road:** Mr. Goodspeed served as the firm's SUE Manager for this project working to provide Utility Coordination and Utility mapping. Mr. Goodspeed worked with the local utility companies to locate their assets as much as possible. In instances where the utilities did not locate, Mr. Goodspeed secured as-built/record drawings and directed SUE field crews for the marking of those particular assets so that a topography survey could be completed. Mr. Goodspeed also served as a QC Check for all the utilities located by the survey crews and SUE Crew.

16. Staff Experience

Firm employed by Civil Design & Construction, Inc. (CD&C)

Name	**Tracey Smith**		Years of relevant experience with this employer	2
Title	Utility Coordinator		Years of relevant experience with other employer(s)	24
Degree(s) / Years / Specialization			ATSSA Traffic Control Supervisor, Technician & Flagger	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	

Contract role(s) / brief description of responsibilities	Mr. Smith has over 24 years' experience in underground utilities. Mr. Smith has worked in the gas field for 3 years and spent 19 years performing various underground utility locations and serving as a supervisor for a number of locate technicians.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, *i.e.*, "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of specified in the applicable MPR(s).
05/23 – 08/23	**H.015056 - LA 685:** Mr. Smith served as the SUE Field Chief for this project. Topographic Survey for just over 4,503 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
05/23 – 08/23	**H.015058 - LA 14 Business:** Mr. Smith served as the SUE Field Chief for this project. Topographic Survey for just over 12,300 feet of roadway. Both traditional means and methods and 3D Scanning were used to collect topographic data for this roadway improvement project. Project was completed to LADOTD Location and Survey Standards and practices.
03/23 – Present	**MSY Campus Wide Sewer Location**: Mr. Smith serves as the SUE field chief for the project. CD&C is performing a combination of both a QL-B and QL-A for the Louis Armstrong Airport campus to locate its sanitary sewer lines. This project encompasses the entire campus. All sewer manholes and gravity lines as well as sewer forcemains are to be located. Verification of pipe size and material is also required. CD&C is providing all SUE appropriate reports and data for this project.
01/24 – 03/24	**RN Nuccio Rd SUE:** Mr. Smith served as the SUE Field Chief for the firm's SUE work on this bridge replacement project. CD&C, Inc. provided SUE utility locations with SUE QL- B utility designation. CD&C, Inc. provided all SUE reports and data.
04/24 – 05/24	**BRMA FAA Boring:** Mr. Smith served as the SUE Field Chief for the firm's SUE work on this project. This project included the coordination of SUE QL-B utility information and boundary survey of over 4 acres. Survey crews collected data to incorporate for the final deliverable which included boundary plat, and SUE reports, data, and plans.
03/24 – Present	**MSY East Apron Expansion:** Mr. Smith serves as the SUE Field Chief for the firm's SUE work on this project. This project includes the coordination of SUE QL-B utility information and topographic survey for over 7 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
03/24 – 05/24	**MSY Employee Parking:** Mr. Smith served as the SUE Field Chief for the firm's SUE work on this project. This project included SUE QL- B utility information and topographic survey for approximately 0.5 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.

02/24 – 05/24	**BRMA Radar Decomp:** Mr. Smith served as the SUE Field Chief for the firm's SUE work on this project. This project included SUE QL- B utility information and topographic survey for over 2 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
12/23 – 05/24	**BRMA Taxiway F Reconstruction:** Mr. Smith served as the SUE Field Chief for the firm's SUE work on this project. This project included SUE QL- B utility information and topographic survey for over 25 acres. CD&C's SUE crews marked underground utilities which were picked up by our survey crews to incorporate for the final deliverable. Final deliverables for this project will include topographic survey, as well as SUE reports, data, and plans.
09/22 – 01/23	**BRMA Northwest Aviation Development:** Mr. Smith served as the SUE Field Chief for the project. He is working in the field to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with standards set forth by City/Parish government for East Baton Rouge.
03/22 – 10/23	**H.011833.5 St. Mary Street Sidewalks:** *Scott, LA* – Mr. Smith served as the firms SUE Field Chief for the project. He is working in the field to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
03/22 – 09/22	**H.010960.5-2 Roundabouts at LA 182:** *Lafayette, LA* – Mr. Smith served as the SUE Field Chief for the project. He is working in the field to coordinate the collection for all the utility information and location such that survey crews could collect data and incorporate for the submittal up to QLD Level B however an official SUE submittal was not required of this project. Final submittal was in accordance with latest LADOTD Location and Survey standards.
07/23 – Present	**College Drive (MoveBR):** Mr. Smith serves as the SUE Field Chief for the project. This project included full topography and utility coordination for approximately 20 acres. He worked in the field to coordinate the collection of all the utility information and location for survey crews to incorporate utility information to a QLD to QLB level accuracy. An official SUE submittal was not required for this project. The final submittal was following standards set forth by the City/Parish government for EBR.
10/23 – Present	**HMGP – FEMA Groom Road Brushy Bayou:** Mr. Smith serves as the SUE Field Chief for the project. This project included full SUE submittal for approximately 1 mile of roadway. He worked in the field to coordinate the collection of all the utility information and location for survey crews to collect data and incorporate it for the submittal of QLB.
05/23 – 06-23	**Burbank at Pelican Lakes:** Mr. Smith served as the SUE Field Chief on this intersection improvement project in Baton Rouge. Location of all subsurface utilities were provided to QLD.
01/23 – 07/23	**Pride Port Hudson Road:** Mr. Smith served as the SUE Field Chief for this project. Mr. Smith worked with the local utility companies. In instances where the utilities did not locate, Mr. Smith assisted in securing as-built/record drawings. Mr. Smith marked those assets so that a complete topography survey could be completed.

16. Staff Experience

Firm employed by **APS Engineering and Testing, LLC**

Name	**Sergio Aviles, P.E., M.ASCE**			Years of relevant experience with this employer	12
Title	PRESIDENT			Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization				BS Civil Engineering/2001/Geotechnical	
Active registration number / state / expiration date				PE. 0033571/ LA / March 31, 2026	
Year registered	2007	Discipline		Civil	
Contract role(s) / brief description of responsibilities				*Project Manager/Design Guidance/Field Crew and Lab Management.*	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; Experience dates should cover the years of experience specified in the applicable MPR(s).
	Mr. Aviles has over 20 years of experience in geotechnical and civil engineering. After founding A P S Engineering and Testing eleven years ago, he continued his work throughout Louisiana working with both government and private entities. Mr. Aviles has extensive experience in design and construction supervision of roadway projects in the state. He has frequently worked with LADOTD performing slope stability analysis, embankment settlement calculations, mechanically stabilized earthen wall design, sheet pile design and pile testing. Mr. Aviles is also proficient in the use of AutoCAD Civil 3D which he utilizes in the design of projects.
08/24–Present	**Project H.014545.6: LA 454 Wiggins Bayou:** The scope includes reviewing pile drive submittals (including pile driving installation and &RFIs, performing WEAP analysis, pile monitoring, CAPWAP analysis, and troubleshooting pile driving and sheeting installation issues. Mr. Aviles was the Project Manager for the Project Design Team.
03/23–Present	**Project No. H.0041005.5 and .6: I-10 LA415 to Essen Lane on I-10 and I-12:** The scope includes conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures A P S is currently proving PDA testing. Mr. Aviles was the Project Manager for the Project Design Team.
11/22– 10/24	**Project No. H.001344 US 190: LA 437 to US 190 BUS:** A P S was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for foundation recommendations. The scope also includes conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed structures. A P S also provided PDA instrumentation, testing, and CAPWAP analysis. Mr. Aviles was the Project Manager for the Project Design Team.
01/22–5/24	**Project No. H.001352.6 and H.002273.5: Comite River Diversion Bridge at LA 67, LA 19, and LA 19 RR Bridge:** A P S was selected with the winning team for the Design of the Diversion CMAR project. A P S performed the Geotechnical Design for the project. The scope also included conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures. A P S performed a total of 4 PDAs during construction monitoring. Mr. Aviles was the Project Manager for the Project Design Team.
09/21–05/24	**Port Hudson-Pride Road (LA-964 – LA-19)** The scope included geotechnical investigation to enable an evaluation of an acceptable foundation for the proposed pavement rehabilitation and new bridge. A total of 26 borings were drilled and tested for Geotechnical recommendations. Mr. Aviles was the Project Manager for the Project Design Team.

03/21–11/22	**Nicholson Drive Segment 2 (Bluebonnet Blvd-Ben Hur Rd.):** The scope of this project included subsurface exploration of conditions at the site to enable an evaluation of an acceptable foundation for the proposed pavement and the new bridge. Mr. Aviles was the Project Manager for the Project Design Team.
11/19–Present	**Project No. H.010155: US 90 Railroad Overpass SE of LA 85:** A P S was selected with the winning team for the Geotechnical Investigation and Design for the proposed new overpass. A total of six (6) deep borings were drilled and tested for Geotechnical recommendations. Mr. Aviles was the Project Manager for the Project Design Team.
05/19–Present	**Phase II Project No. H.011798:** Airline Park Blvd (Camphor-West Napoleon): The purpose is to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures. Mr. Aviles was the Project Manager for the Project Design Team.
04/19–Present	**Project No. H.011795: Westwood Drive (WB Expressway to Lapalco):** The purpose is to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures.
01/19–Present	**Project No.2012-FEMA-1B-1:** Westend Group: The scope includes is to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures. Mr. Aviles was the Project Manager for the Project Design Team.
05/18–12/20	**Project No.H.009250: I-10: Highland to LA 73:** The purpose was to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures. Mr. Aviles was the Project Manager for the Project Design Team.
04/18–11/18	**Phase I Project No. H.011798:** Airline Park Blvd: The purpose was to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures. Mr. Aviles was the Project Manager for the Project Design Team.
03/15-04/15	**Holly Drive Bridge Replacement- St. Tammany Parish:** The scope included geotechnical investigation for the replacement of a bridge structure in Covington, Louisiana. A P S performed piles LRFD vertical resistance analyses for square PPC piles with sizes ranging 16-inch, 18-inch and 24-inches, roadway design, and culvert design. Mr. Aviles was the Principal Engineer for the Geotechnical Investigation.
10/12-07/13	**Lakeview Street Reconstruction, New Orleans** - Scope of this project included subsurface investigation and geotechnical recommendations for the street improvement program encompassing numerous blocks of roadway. A P S drilled and sampled a total of 292 borings throughout the Lakeview neighborhood. Mr. Aviles was the Project Manager for all Geotechnical services.
	TRAINING: NHI certifications Courses: Design & Implementation of Erosion & Sediment Control, Driven Pile Foundation Inspection and Design, Drilled Shaft Inspection, Design of Mechanically Stabilized Earth Walls and Reinforced Soil Slopes, and Design of Drilled Shafts Foundation. Pile Dynamic Analysis (PDA), WEAP, & CAPWAP Microsoft Visual Studio .NET programming course at LSU, and Microsoft Office Suite. WorkZone Traffic Technician and Flagger Certifications

16. Staff Experience

Firm employed by **APS Engineering and Testing, LLC**

Name	**Sairam (Sai) Eddanaudi, M.E., P.E.**			Years of relevant experience with this employer	12
Title	CHIEF ENGINEER			Years of relevant experience with other employer(s)	9
Degree(s) / Years / Specialization				ME/Civil Engineering BE/Civil Engineering	
Active registration number / state / expiration date				PE. 0035129/ LA / March 31, 2026	
Year registered	2008	Discipline		Civil	
Contract role(s) / brief description of responsibilities				*Design Engineer / Laboratory QA Manager*	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; Experience dates should cover the years of experience specified in the applicable MPR(s).
	Mr. Sairam (Sai) Eddanapudi is the Senior Geotechnical Engineer for A P S Engineering and Testing. He has over 20 years of experience in the geotechnical and civil engineering fields. Mr. Sai's professional experience consists of the design of roadways, bridges, levees and T-walls as well as the design of shallow and deep foundations. His field experience includes QC inspection of auger cast piles, drill shafts, soil and concrete. Mr. Sai has experience with the following software: Slope/w (2004 and 2007 versions) for slope stability analyses, Seep/w for seepage analysis, Driven 1.2 (for driven piles), MicroStation V8, CWALSHT and FS004 for slope stability analyses, Swell Potential (for expansive soils), Drilled Shaft Design software, Auger cast pile design Analysis, AASHTO pavement, Slope analysis, and Differential Settlement Analysis.
08/24–Present	**Project H.014545.6: LA 454 Wiggins Bayou:** The scope includes reviewing pile drive submittals (including pile driving installation and &RFIs, performing WEAP analysis, pile monitoring, CAPWAP analysis, and troubleshooting pile driving and sheeting installation issues. Mr. Sai is the Chief Engineer to the Geotechnical Investigations.
03/23–Present	**Project No. H.0041005.5 and .6: I-10 LA415 to Essen Lane on I-10 and I-12:** The scope includes conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures A P S is currently proving PDA testing. Mr. Sai is the Chief Engineer to the Geotechnical Investigations.
11/22– 10/24	**Project No. H.001344 US 190: LA 437 to US 190 BUS:** A P S was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for foundation recommendations. The scope also includes conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed structures. A P S also provided PDA instrumentation, testing, and CAPWAP analysis. Mr. Sai is the Chief Engineer to the Geotechnical Investigations.
01/22–5/24	**Project No. H.001352.6 and H.002273.5: Comite River Diversion Bridge at LA 67, LA 19, and LA 19 RR Bridge:** A P S was selected with the winning team for the Design of the Diversion CMAR project. A P S performed the Geotechnical Design for the project. The scope also included conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures. A P S performed a total of 4 PDAs during construction monitoring. Mr. Sai is the Chief Engineer to the Geotechnical Investigations.

09/21–05/24	**Port Hudson-Pride Road (LA-964 – LA-19)** The scope included geotechnical investigation to enable an evaluation of an acceptable foundation for the proposed pavement rehabilitation and new bridge. A total of 26 borings were drilled and tested for Geotechnical recommendations. Mr. Sai is the Chief Engineer to the Geotechnical Investigations.
11/19–Present	**Project No. H.010155: US 90 Railroad Overpass SE of LA 85:** A P S was selected with the winning team for the Geotechnical Investigation and Design for the proposed new overpass. A total of six (6) deep borings were drilled and tested for Geotechnical recommendations. Mr. Sai is the Chief Engineer to the Geotechnical Investigations.
05/19–Present	**Phase II Project No. H.011798: Airline Park Blvd (Camphor-West Napoleon):** The purpose was to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures. Mr. Sai is the Chief Engineer to the Geotechnical Investigations.
04/19–Present	**Project No. H.011795: Westwood Drive (WB Expressway to Lapalco):** The purpose was to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures. Mr. Sai is the Chief Engineer to the Geotechnical Investigations.
01/19–Present	**Project No.2012-FEMA-1B-1: Westend Group:** The purpose was to conducted testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures. Mr. Sai is the Chief Engineer to the Geotechnical Investigations.
05/18–12/20	**Project No.H.009250: I-10: Highland to LA 73:** The purpose was to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures. Mr. Sai is the Chief Engineer to the Geotechnical Investigations.
04/18–11/18	**Phase I Project No. H.011798: Airline Park Blvd:** The purpose was to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structure. Mr. Sai was an Engineer to the Geotechnical Investigation.
03/15-04/15	**Holly Drive Bridge Replacement- St. Tammany Parish:** The scope included geotechnical investigation for the replacement of a bridge structure in Covington, Louisiana. A P S performed piles LRFD vertical resistance analyses for square PPC piles with sizes ranging 16-inch, 18-inch and 24-inches, roadway design, and culvert design. Mr. Sai was the Project Manager for the Geotechnical Investigation.
10/12-07/13	**Lakeview Street Reconstruction, New Orleans** - Scope of this project included subsurface investigation and geotechnical recommendations for the street improvement program encompassing numerous blocks of roadway. A P S drilled and sampled a total of 292 borings throughout the Lakeview neighborhood. Mr. Sai was an Engineer to the Geotechnical Investigation.

16. Staff Experience

Firm employed by **APS Engineering and Testing, LLC**

Name	**Surendra Pathak, M.S., P.E.**		Years of relevant experience with this employer	11
Title	GEOTECHNICAL ENGINEER		Years of relevant experience with other employer(s)	10
Degree(s) / Years / Specialization			MSCE/2013/Civil Engineering BE/2007/Civil Engineering	
Active registration number / state / expiration date			PE. 0043487 / LA/ September 30, 2025	
Year registered	2019	Discipline	Civil	
Contract role(s) / brief description of responsibilities			*Design Engineer / QA-QC Field Testing / Laboratory QA*	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; Experience dates should cover the years of experience specified in the applicable MPR(s).
	Mr. Surendra Pathak is a Staff Geotechnical Engineer for A P S Engineering and Testing. He has over 15 years in the geotechnical and civil engineering fields. Mr. Pathak received a Master of Science in Civil Engineering (MSCE) from Mississippi State University in 2013, a Master of Science in Civil Engineering from Norwegian University of Science and Technology in 2007, and a B.E. in Civil Engineering from Madan Mohan Malaviya University of Technology (India) in 1998. Mr. Pathak's professional experience consists of the design of roadways, bridges, levees and T-walls as well as the design of shallow and deep foundations. His field experience includes QC inspection of auger cast piles, drill shafts, soil and concrete.
08/24–Present	**Project H.014545.6: LA 454 Wiggins Bayou:** The scope includes reviewing pile drive submittals (including pile driving installation and &RFIs, performing WEAP analysis, pile monitoring, CAPWAP analysis, and troubleshooting pile driving and sheeting installation issues. Mr. Pathak is the Senior Engineer for the Project Design Team.
03/23–Present	**Project No. H.0041005.5 and .6: I-10 LA415 to Essen Lane on I-10 and I-12:** The scope includes conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures A P S is currently proving PDA testing. Mr. Pathak is the Senior Engineer for the Project Design Team.
11/22– 10/24	**Project No. H.001344 US 190: LA 437 to US 190 BUS:** A P S was selected with the winning team for the Geotechnical Investigation and Design of the proposed new bridge. A total of 19 deep borings were drilled and tested for foundation recommendations. The scope also includes conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed structures. A P S also provided PDA instrumentation, testing, and CAPWAP analysis. Mr. Pathak is the Senior Engineer for the Project Design Team.
01/22–5/24	**Project No. H.001352.6 and H.002273.5: Comite River Diversion Bridge at LA 67, LA 19, and LA 19 RR Bridge:** A P S was selected with the winning team for the Design of the Diversion CMAR project. A P S performed the Geotechnical Design for the project. The scope also included conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standard for the proposed roadway structures. A P S performed a total of 4 PDAs during construction monitoring. Mr. Pathak was the Senior Engineer for the Project Design Team.
09/21–05/24	**Port Hudson-Pride Road (LA-964 – LA-19)** The scope included geotechnical investigation to enable an evaluation of an acceptable foundation for the proposed pavement rehabilitation and new bridge. A total of 26 borings were drilled and tested for Geotechnical recommendations. Mr. Pathak was the Senior Engineer for the Project Design Team.

11/19–Present	**Project No. H.010155: US 90 Railroad Overpass SE of LA 85:** A P S was selected with the winning team for the Geotechnical Investigation and Design for the proposed new overpass. A total of six (6) deep borings were drilled and tested for Geotechnical recommendations. Mr. Pathak was the Senior Engineer for the Project Design Team.
05/18–12/20	**Project No.H.009250: I-10: Highland to LA 73:** The purpose was to conduct testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures.
10/12-07/13	**Lakeview Street Reconstruction, New Orleans** - Scope of this project included subsurface investigation and geotechnical recommendations for the street improvement program encompassing numerous blocks of roadway. A P S drilled and sampled a total of 292 borings throughout the Lakeview neighborhood. Mr. Pathak was an Engineer to the Geotechnical Investigation.

16. Staff Experience

Firm employed by **APS Engineering and Testing, LLC**

Name	**Joseph Layton**			Years of relevant experience with this employer	5
Title	SENIOR TECHNICIAN			Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization				Density Testing Embankment and Base Course (C 0303B) Nuclear Gauge Safety Certification ACI Certified	
Active registration number / state / expiration date				N/A	
Year registered	N/A	Discipline		N/A	
Contract role(s) / brief description of responsibilities				*Senior Field Technician*	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; Experience dates should cover the years of experience specified in the applicable MPR(s).
11/21-Present	**Project No. H.013897: College Drive Flyover**- The scope includes conducting testing on the subsurface, base and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Layton is the senior field technician on site assign to perform testing for this project.
11/19-Present	**Project No. H.008145.8: LA 1 Golden Meadow to Leeville**- The purpose is to conducted testing on the subsurface, base course, and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Layton is the senior field technician on site assign to perform testing for this project.
01/23-Present	**Project No. 011098.6: LA 30 South Blvd. to W. Chimes St**.- The purpose is to conducted testing on the subsurface, base course, and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Layton is the senior field technician on site assign to perform testing for this project.
05/18-01/20	**Project No. H.009250: I-10- Highland to LA 73**-The purpose was to conduct testing on the subsurface, base course, and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Layton was the senior field technician on site assign to perform all field testing for this project.
01/19- 11/20	**Project No. 2012-FEMA-1B-1-Westend Group**- The purpose was to conducted testing on the subsurface, base course, and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Layton was the senior field technician on site assign to perform all field testing for this project.
04/19 -06/20	**Project No. H.011795: Westwood Drive (WB Expressway to Lapalco)**- The purpose was to conduct testing on the subsurface, base course, and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Layton was the senior field technician on site assign to perform all field testing for this project.
05/19 -12/20	**Project No. H.011798: Airline Park Blvd (Camphor-West Napoleon) Phase II**-The purpose was to conduct testing on the subsurface, base course and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Layton was the senior field technician on site assign to perform all field testing for this project.
04/18 – 12/20	**Project No. H.011798: Airline Park Blvd I**- The purpose was to conduct testing on the subsurface, base course and concrete placement at the site to enable an evaluation of an acceptable standards for the proposed roadway structures. Mr. Layton was the senior field technician on site assign to perform all field testing for this project.

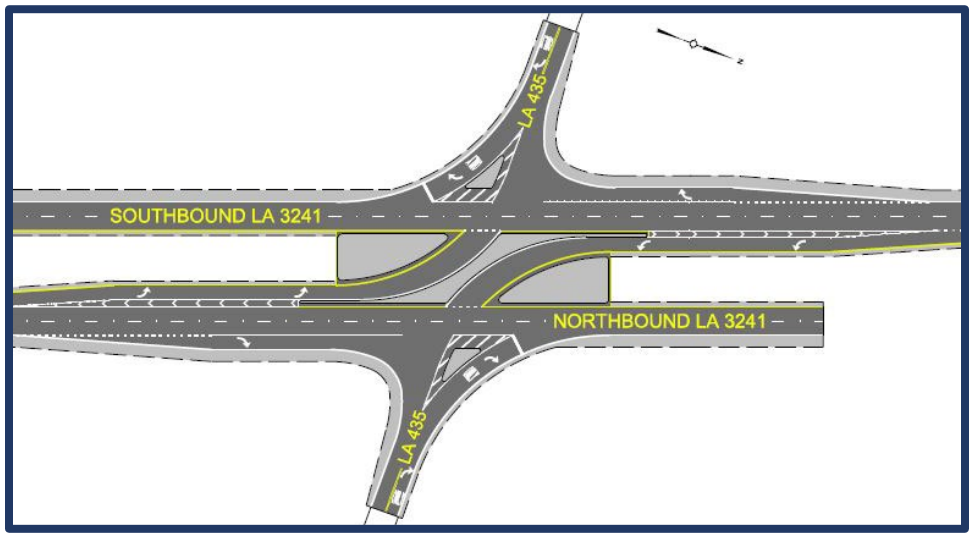
17. Firm Experience

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)		$ 3,195	
Services completed by this firm (mm/yy)	On-Going	Cost of consultant services provided by this firm ($1,000's)		$ 2,127	

100% of work was performed in Louisiana

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. This project includes three (3) segments of nearly 20 miles of new roadway to connect Interstate 12 to the southern terminus of LA 21 in Bush, LA. SKA's contracted segment consists of approximately eight miles of a new alignment in St. Tammany Parish. This 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. 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.

A supplemental **Traffic Study** was conducted to investigate, analyze, and recommend how access is to be managed along the proposed LA 3241 corridor using current LA DOTD Engineering Directives and Standards. The LA 3241 corridor's median openings, driveway connections, as well as the **intersection of LA 435 and LA 3241 were analyzed**. The majority of the segment is control of access right-of-way, but there was area within the project limits that contains both unlimited and limited (restricted) access right-of-way. That area is located at the northern end of project where LA 435 intersects with the proposed LA 3241. For the intersection control at LA 435 / LA 3241, the J-turn configuration and roundabout were compared considering several factors. An Environmental Impact Statement (EIS) was completed in 2012 prior to design. The alternative selected for design included a full-access intersection at LA 435 / LA 3241, however given the updated LADOTD guidance since the completion of the EIS in 2012, the full-access intersection given in the EIS document was not preferable as the proposed intersection of LA 435 and LA 3241 did not meet the necessary EDSM IV.2.1.4 requirement to have a full access median opening as the intersection did not warrant a traffic signal in the build or design years. The traffic analysis included the evaluation of a J-turn configuration and a roundabout. The roundabout intersection performs slightly better than the J-turn configuration in the design year (2038). The J-turn intersection would likely require less right-of-way, but due to the location of the Talisheek Creek Bridge the northbound U-turn median opening (part of the adjacent project) would be over 2,000 feet from the northernmost driveway. The roundabout intersection would likely require additional property takes on the four quadrants of the intersection of LA 435 and LA 3241. The intersection analysis consisted of Sidra 7 software runs for build and design year in the PM peak period comparing the performance of two alternative intersection designs as specified by EDSM IV.2.1.4: a two-lane roundabout; a J-turn or restricted crossing U-turn (R-CUT) intersection which includes a directional (left turn) median opening with a directional U-turn on both sides of the intersection. This study has presented the comparison of the two intersection alternatives at LA 435 and LA 3241. The impacts considered were Right-of-Way acquisitions, U-turn locations due to the Talisheek Creek Bridge, traffic management during construction, and estimated construction costs. Based on this information LADOTD decided to move forward with the J-Turn alternative. **Currently in construction.**



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

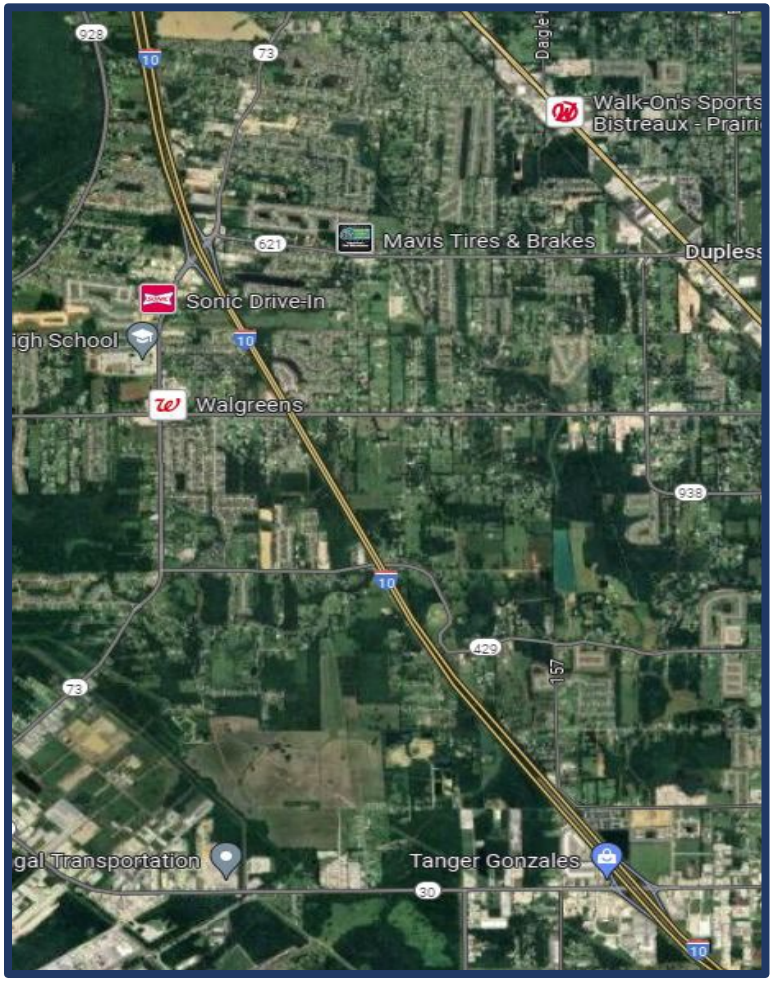
17. Firm Experience

Firm name	**Shread-Kuyrkendall & Associates, Inc.**		Past Performance Evaluation Discipline(s)*	Survey / Road / Bridge	
Project name	**I-10 Widening (LA 73 – 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, P.E.	
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)		$ 1,966	
Services completed by this firm (mm/yy)	On-Going	Cost of consultant services provided by this firm ($1,000's)		$ 1,214	

100% of work was performed in Louisiana

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 CDCs of adjacent project to ensure corridor continuity. In addition, at the request of LADOTD, SKA had investigated the feasibility of implementing an innovative interchange design in the form of a Single Point Urban Interchange (SPUI) at LA 73.

SKA is currently in Final Design Phase.



Firm Members Involved:

Ripley W. "Gary" McClure, P.E.
John P. Raymond, P.E.
Niccola D. Gill, P.E.
Garrett Gilbert, P.E.
James Partin
Dianna Sherman

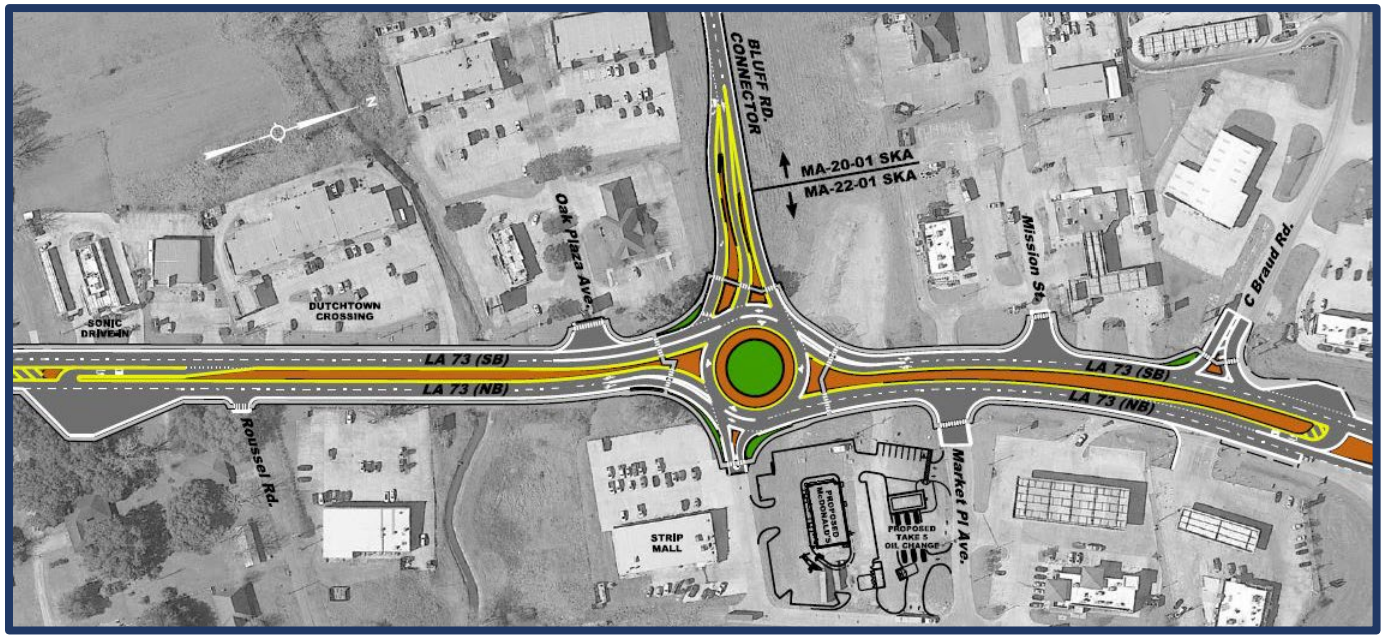
17. Firm Experience

Firm name	**Shread-Kuyrkendall & Associates, Inc.**		Past Performance Evaluation Discipline(s)*	Road	
Project name	**LA 73 Roundabout at Bluff Rd. Connector**		Firm responsibility (prime or sub?)	Prime	
Project number	H.014918 / MA-22-01	Owner's name	Ascension Parish		
Project location	Ascension Parish		Owner's Project Manager	Jeff Burst, P.E.	
Owner's address, phone, email	615 Worthy St., Gonzales, LA 70737/ (225)368-2869 / Jburst@hntb.com				
Services commenced by this firm (mm/yy)	05/21	Total consultant contract cost ($1,000's)		$ 760	
Services completed by this firm (mm/yy)	Present	Cost of consultant services provided by this firm ($1,000's)		$ 760	

100% of work was performed in Louisiana

The LA 73 corridor in Ascension Parish is experiencing significant congestion problems due to changes in population and land use in the area resulting in increased traffic volumes. In 2018, a traffic and feasibility study were initiated to improve operations along this corridor from LA 74 to LA 621.

In 2022, Shread-Kuyrkendall & Associates (SKA) completed final design for the LA 73 to Bluff Road (LA 928) Connector Project (MA-20-01), with a scheduled letting summer 2024. This project is new construction of a two-lane roadway from Bluff Road to LA 73. The Connector will become the main method of travel between LA 73 and Bluff Road for this area. On Bluff Road the entrance to the connector will be located between C Braud Rd. and Crestway Ave. On LA 73 the connector will be located between Mission Street and Oak Plaza Ave. SKA was contracted to design the LA 73 Roundabout at Bluff Rd. Connector as part of an additional contract.



This project, LA 73 Roundabout at Bluff Rd. Connector (MA-22-01), will convert an existing section of LA 73 from three lanes to four lanes with a raised median and curb and gutter providing access management. **Two bulb-outs will be added for U-turns** and control of access at the end of the project limits and **a multi-lane roundabout** is being designed at the intersection with the future Bluff Road Connector (MA-20-01) and an existing commercial drive. Sidewalks on both sides of LA 73 and pedestrian refuge areas inside the roundabout will be added. **Access Management** is being implemented due to the proximity of the roundabout to I-10 at LA 73 and numerous businesses adjacent to the roundabout. The roundabout includes an eastbound right turn slip-lane onto southbound LA 73. This project also includes the redesign of 7900' of the existing storm drain system within the project limits.

This project, although contracted by Ascension Parish, is a state route and is also being coordinated with and reviewed by DOTD in conjunction with other projects on the LA 73 corridor. Special care was considered with the northbound and southbound dual-lane entrances to provide desired offset left alignments and geometry to eliminate vehicle path overlap.

SKA is currently in Final Design Phase.

Firm Members Involved:
Ripley W. "Gary" McClure, P.E.
John P. Raymond, P.E.
Garrett Gilbert, P.E.
Dianna Sherman

The geometry for construction includes the following approach:

- WB-67 Design Vehicle
- Offset left approach
- 180' diameter inscribed circle
- 32' circulatory width
- LA 73 Access Management

17. Firm Experience							
Firm name	**Shread-Kuyrkendall & Associates, Inc.**		Past Performance Evaluation Discipline(s)*		Road		
Project name	**IDIQ Pavement Preservation**			Firm responsibility (prime or sub?)		Prime	
Project number	H.015056/H.015058/H.015619	Owner's name	LADOTD				
Project location	Vermillion Parish / Evangeline Parish			Owner's Project Manager	Lea Smith, PE		
Owner's address, phone, email	428 Rue des Voyages, Lafayette, LA 70508 / (337)262-2375 / Lea.Smith@la.gov						
Services commenced by this firm (mm/yy)		12/22	Total consultant contract cost ($1,000's)			$ 2,500	
Services completed by this firm (mm/yy)		On-Going	Cost of consultant services provided by this firm ($1,000's)			$ 2,250	

100% of work was performed in Louisiana

The following projects were performed under the IDIQ Pavement Preservation Contract No. 4400024831:

H.015056 / LA 685 (LA 14-B to BAYOU TIGRE), Vermillion Parish:
Shread-Kuyrkendall & Associates, Inc. (SKA) were contracted to perform engineering and related services to prepare preliminary and final plans for the mill and overlay approximately 2250' of LA 685 from LA 14-B and reconstruction of approximately 1900' of LA 685 to Bayou Tigre as well as identify drainage improvements required to alleviate local street flooding adjacent to Erath High School. Pavement Design was provided by LADOTD.

H.015058 / LA 14–Business & LA 331:Erath, Vermillion Parish:
Shread-Kuyrkendall & Associates, Inc. (SKA) were contracted to perform engineering and related services to prepare preliminary and final plans for the mill and overlay of approximately 12,000' of LA 14-B from LA 14 to LA 14, patch existing pavement where needed and provide minor drainage improvements, as well as the reconstruction of LA 331 (currently North Rd) from Beau Chene Street to LA 14-B with 12' lanes and 2' shoulders. Portland Cement Concrete from LA 331 from LA 14 to Beau Chene will have existing joints cleaned and sealed and pavement restriped. Pavement Design was provided by LADOTD.

H.015619 / LA 106: US 167 to Avoyelles Parish Line, Evangeline Parish:
Shread-Kuyrkendall & Associates, Inc. (SKA) were contracted to perform engineering and related services to prepare preliminary and final plans for the full reconstruction of LA 106 from US 167 to approximately LA 115, including safety improvements to cross-drain headwalls in three locations which may or may not include embankment widening and guardrails. LA 106 was milled and overlayed, along with patching where necessary, from LA 115 to the Avoyelles Parish/Evangeline Parish line. This project included guard rail improvements and embankment widening. Total length of the project was approximately 8.2 miles. Pavement Design was provided by LADOTD.

These were pavement preservation/restoration projects.

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

17. Firm Experience

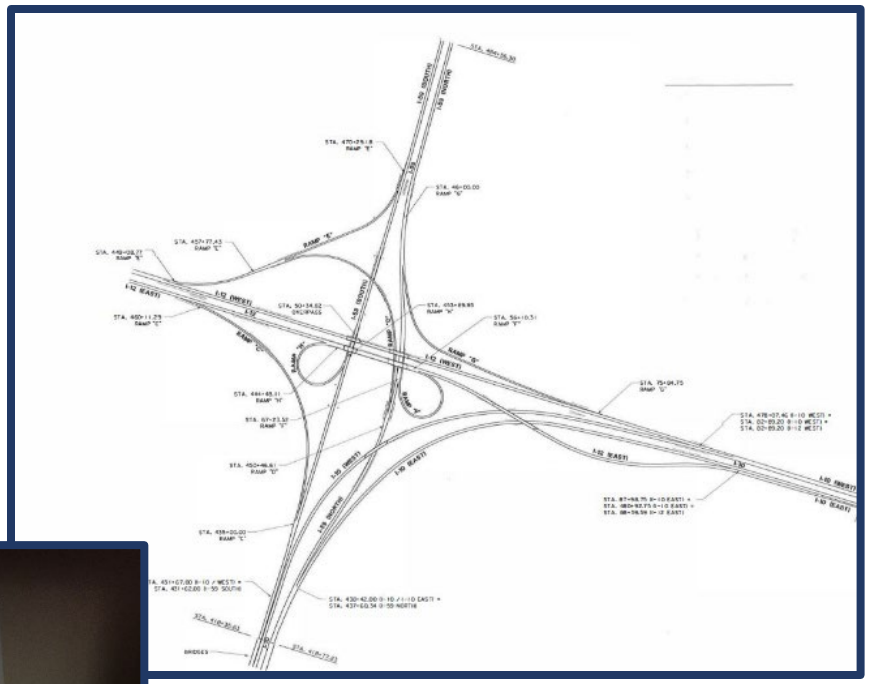
Firm name	**Shread-Kuyrkendall & Associates, Inc.**		Past Performance Evaluation Discipline(s)*	Road / Bridge	
Project name	**French Branch Bridge-West Pearl River Bridge (I-10 / I-12 / I-59)**		Firm responsibility (prime or sub?)	Prime	
Project number	700-52-0205	Owner's name	LADOTD		
Project location	St. Tammany Parish		Owner's Project Manager	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	

100% of work was performed in Louisiana

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

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

This was a pavement preservation/restoration project.



Sequencing and Traffic Control were an important element of this project. This project was constructed without any issues and SKA was awarded the DOTD 2016 Transportation Excellence Award

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

17. Firm Experience

Firm name	**Civil Design & Construction, Inc.**		Past Performance Evaluation Discipline(s)*	Survey	
Project name	**US 190 Superstreet**		Firm responsibility (prime or sub?)	Sub	
Project number	H.005733.5	Owner's name	LADOTD		
Project location	St. Tammany Parish, LA		Owner's Project Manager	Josh Harrouch	
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802/2225-379-123/Joshua.harrouch@la.gov				
Services commenced by this firm (mm/yy)	01/16	Total consultant contract cost ($1,000's)		N/A	
Services completed by this firm (mm/yy)	08/16	Cost of consultant services provided by this firm ($1,000's)		$207	

**100% of work was performed in Louisiana*

Project Description: This project was the topographic survey of US 190 in Covington. The survey limits were along a portion of the existing routes of US 190, Holiday Square Frontage Road, US 190 Service Road, Holiday Blvd., Holycrest Plaza Driveway, Louis Prima Drive, Park Place Drive, Lake Drive, Crestwood Blvd., 9th Avenue, Three Rivers Road, River Highlands Blvd., Harrison Ave., Maple Ridge Ave., North 12th Street, Sunshine Ave., North 6th Street, Riverside Drive, and North 2nd Street and is approximately 2.9 miles in length.

CD&C's Role: CD&C's role was to provide the complete topographic survey and drainage map for this project including all utility coordination. The survey begins 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. The width of the survey and DTM extended to the Western Edge of Pavement to Eastern Edge of Pavement along US 190 and tied in with the existing topographic features picked up on the previous survey done under H.011137.5 and H.011152.5 (Interstate 12 Survey). This also included cross sectioning a portion of the Abita River in the project area. All topographic survey elements were performed in accordance with the latest LADOTD Location and Survey Manual and conformed to the latest standard practices/procedures. All deliverables were in LADOTD required formats. **3D Terrestrial Scanning** was used in conjunction with traditional means and methods to complete this project.

Firm Members Involved:
Karla Weston, P.E.
Christopher Ballard, P.L.S.
Jacob Stoehr

17. Firm Experience

Firm name	**Civil Design & Construction, Inc.**		Past Performance Evaluation Discipline(s)*	Survey	
Project name	**I-20 UPRR Overpass**		Firm responsibility (prime or sub?)	Sub	
Project number	H.012027.5	Owner's name	LADOTD		
Project location	Shreveport, 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)	01/23	Total consultant contract cost ($1,000's)		N/A	
Services completed by this firm (mm/yy)	12/23	Cost of consultant services provided by this firm ($1,000's)		$281	

**100% of work was performed in Louisiana*

Project Description: CD&C, Inc. was a sub-consultant on this project. CD&C, Inc. performed a full topographic beginning and ending 5000 feet beyond either end of the approach slab of the I-20 eastbound and westbound bridge structure. Terrestrial Laser Scanning was used on all hard surface areas such as Parking Lots, Roadway and Bridge structures, and Union Pacific Railroad rails. The survey total distance was 2.03 miles with a width of approximately 350 feet. This included 1 mile along Highway 79 with a width of 300 feet.

CD&C's Role: CD&C completed a topographic along this route. The survey utilized 3D Terrestrial Scanning of all hard surfaces and traditional methods for all other features. Final submittal was in accordance with latest LADOTD Location and Survey standards.

Firm Members Involved:
Karla Weston, P.E.
Christopher Ballard, P.L.S.
CJ Goodspeed
Jacob Stoehr
Scott Benton
Alex Wells
Drennon Humphreys
Madison Mills, P.L.S.

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)	On-Going	Cost of consultant services provided by this firm ($1,000's)		$435	

**100% of work was performed in Louisiana*

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.

Firm Members Involved:
Karla Weston, P.E.
Christopher Ballard, P.L.S.
John Ewing
Jacob Stoehr

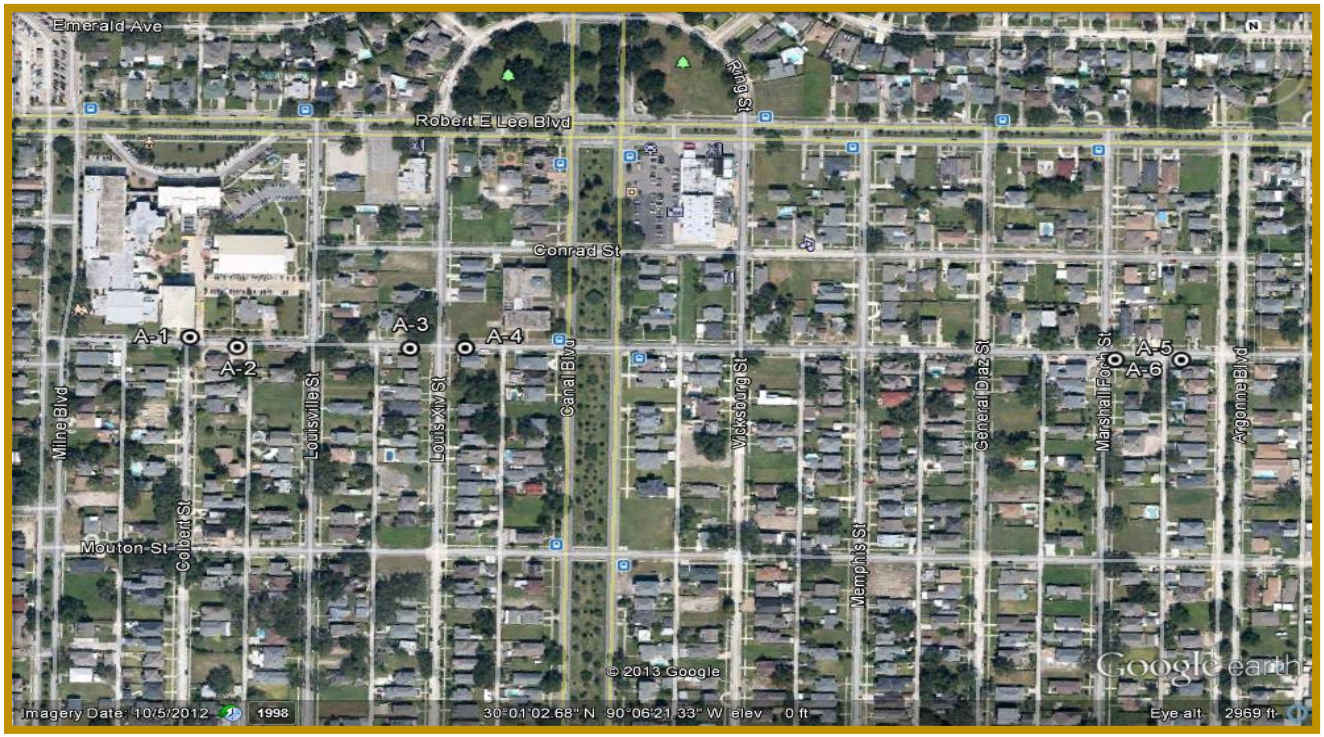
17. Firm Experience

Firm name	**APS Engineering and Testing, LLC**		Past Performance Evaluation Discipline(s)*	Geotech / CE&I/OV	
Project name	**Lakeview Street Reconstruction**		Firm responsibility (prime or sub?)	Sub	
Project number	N/A	Owner's name	New Orleans Department of Public Works		
Project location	New Orleans, LA		Owner's Project Manager	James R. Kapesis	
Owner's address, phone, email	13000 Perdido Street, New Orleans, LA 70112/ 504-658-8000 / jkapesis@la.gov				
Services commenced by this firm (mm/yy)	10/12	Total consultant contract cost ($1,000's)		N/A	
Services completed by this firm (mm/yy)	09/13	Cost of consultant services provided by this firm ($1,000's)		$240	

100% of work was performed in Louisiana

Scope- Subsurface exploration under the existing concrete pavement to provide geotechnical recommendations for the pavement rehabilitation which encompassed numerous blocks of roadway. A P S drilled and samples 292 borings throughout the Lakeview neighborhood and tested recovered samples for engineering characteristics. These tests included visual description and classification, moisture content, Atterberg limits, and unconfined compressive strength. The reports provided to the client included soil analysis as well as site development recommendations, asphalt and concrete pavement recommendations, and comments regarding factors that would impact construction and performance of the project.

A P S was tasked with the QA for material testing services. As the QA testing lab, A P S conducted the approved soil, compaction and concrete testing



Similarities to Professional Geotechnical Services:

- Geotechnical Explorations (GE)
- Geotechnical Construction (GC)
- Constructability
- Contract Management (CM)

Firm Members Involved:
Sergio Aviles, PE.
Sai E. Eddanapudi, ME., PE.
Surendra Pathak, MS., PE.
Joseph Layton

17. Firm Experience

Firm name	**APS Engineering and Testing, LLC**		Past Performance Evaluation Discipline(s)*	CE&I/OV	
Project name	**RR062 Hollygrove/Leonidas Group**		Firm responsibility (prime or sub?)	Sub	
Project number	N/A	Owner's name	DPW New Orleans		
Project location	New Orleans, LA		Owner's Project Manager	Khalid Saleh	
Owner's address, phone, email	13000 Perdido Street, Ste. 6W03, New Orleans, LA 70112 / 504.658.8100 / ksaleh@nola.gov				
Services commenced by this firm (mm/yy)	06/20	Total consultant contract cost ($1,000's)		N/A	
Services completed by this firm (mm/yy)	On-going	Cost of consultant services provided by this firm ($1,000's)		$300	

100% of work was performed in Louisiana

Scope- The City of New Orleans implemented a multi-million-dollar, multi-year comprehensive program to repair roadways damaged due to hurricane Katrina. A P S Engineering provided professional engineering services in a multi-neighborhood project for the Hollygrove portion of the Hollygrove/Leonidas Group A project under Waggoner Engineering.

The repairs in this project that were determined to be eligible for FEMA funding were roadways, sidewalks, ADA ramps, and curbing. A P S performed a thorough assessment of these damages and recommended the best value approach to implement the repairs. The recommendations by A P S allowed the City of New Orleans to maximize the federal dollars to have the most impact on the neighborhood's infrastructure as possible.

The Hollygrove neighborhood project included multiple construction repair types with an estimated value for roadway improvements that is approximately $10 million.

Similarities to Professional Geotechnical Services:

- Geotechnical Construction (GC)
- Construction Inspection
- Contract Management (CM)

Firm Members Involved:
Sergio Aviles, PE.
Sai E. Eddanapudi, ME., PE.

17. Firm Experience

Firm name	**APS Engineering and Testing, LLC**		Past Performance Evaluation Discipline(s)*	CE&I/OV	
Project name	**Comite River Diversion Bridge at LA 96, LA 19 and LA 19 RR**		Firm responsibility (prime or sub?)	Sub	
Project number	H.001352.6	Owner's name	Huval & Associates, Inc.		
Project location	East Baton Rouge, LA		Owner's Project Manager	Thomas M. Gattles III, P.E.	
Owner's address, phone, email	922 West Pont des Mouton Road, Lafayette, LA 70507 / 337.234.3798/ tgattle@huvalassoc.com				
Services commenced by this firm (mm/yy)	01/22	Total consultant contract cost ($1,000's)		N/A	
Services completed by this firm (mm/yy)	On-going	Cost of consultant services provided by this firm ($1,000's)		$78	

100% of work was performed in Louisiana

Scope- The scope of work includes providing roadway, geotechnical and structural construction related services. A P S is currently providing PDA instrumentation, testing and CAPWAP analysis.

Firm Members Involved:
Sergio Aviles, PE.
Sai E. Eddanapudi, ME., PE.
Surendra Pathak, MS., PE.
Joseph Layton

Similarities to Professional Geotechnical Services:

- Geotechnical Construction (GC)
- Construction Inspection
- Contract Management (CM)

18. Approach and Methodology

EXPERIENCE

Shread-Kuyrkendall & Associates, Inc. (SKA) has over 30 years of successful DOTD experience and has worked closely with DOTD on multiple types of projects for roadway, bridge, safety, and pavement preservation for both Interstate and Non-Interstate Roadways. SKA utilizes the DOTD Roadway Design Procedures and Guidelines, DOTD Minimum Design Guidelines, and Pavement Preservation Manual 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. SKA has selected a successful team to implement the required services as part of this contract, which includes survey services, preliminary plans, final plans, construction support and any additional items required to provide DOTD with a quality constructible final set of plans.

*SKA is well prepared and has staff available to engage in this type of work along with our survey sub-consultant **Civil Design** and geotech sub-consultant **APS** if needed. SKA has a great and extensive working relationship with both our sub-consultants and have teamed up for a multitude of DOTD and City-Parish projects.*

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. Additionally, SKA has provided design services on multiple Pavement Preservation Projects, SKA has a keen understanding of DOTD's goals for preserving and/or extending existing pavement service life using effective maintenance for rehabilitation or reconstruction of existing roadways. The advantage of IDIQ Contracts is that it provides DOTD an opportunity to quickly direct our team to rehabilitate/reconstruct any 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.

Our team understands that task orders issued will vary in scope and duration, however our team will provide all necessary services to meet the needs of DOTD for any projects. Services that may be required and will be provided will include but not limited to the following:

- Topographic Surveys, Property Surveys, and R/W Maps
- Roadway Design
- Hydraulic Analysis and Design
- Bridge Design
- Assisting DOTD in obtaining Environmental Clearance/Permits
- TMP
- Plan Quality Reviews
- Construction Support

APPROACH

For each Task Order, 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 minimizes plan changes using a proven QA/QC process. SKA's workload is such that we have the staff available to manage multiple Tasks Orders if needed. SKA's staff has worked on multiple IDIQ contracts with provided consistency for future IDIQ projects. The majority of our staff has been with SKA for more than 20 years with our managers being with SKA even longer. This clearly indicates the experience level SKA has working with DOTD and our understanding of the Plan Delivery Process. SKA will utilize **Niccola Gill, PE** as Supervising Engineer overseeing QA/QC. Ms. Gill has over 20 years of experience with SKA as well as working with DOTD. SKA's approach for delivering a quality construction set of plans is summarized as follows:

ESTABLISH A CLEAR UNDERSTANDING OF DOTD'S REQUIREMENTS AND GOALS. During the scoping phase, **John Raymond, PE** will establish open communication with the DOTD Project Manager, provide a detailed schedule, and provide a preliminary construction cost to assist DOTD with managing the project. Establishing a clear scope and understanding expectations will assist with maintaining budgets and schedules.

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

STAKEHOLDERS Early in the design phases, DOTD Districts, permitting agencies, utilities, and local government agency will be identified to ensure an open communication is established which in turn will provide better coordination and will reduce the chance of misunderstandings. During the preliminary phases of the plan development, SKA will propose potential design solutions to solve project design constraints noticed in the site visit.

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

TEAM MEETINGS Early on, SKA will determine the frequency of meetings needed for the project. Meetings will be determined for the project team, 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, and any other items that may become apparent during the design process. SKA will always strive to complete the project 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 This project will be approached using SKA's proven and accepted Quality Assurance and Quality Control as included as part of this proposal. Adjustments will be made if necessary to meet the needs of the project. Our QA/QC allows us to maintain the highest standards of quality from start to finish.

METHODOLOGY

SKA 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 Notice to Proceed is received, our project manager **John Raymond, PE** will request a scoping meeting from the DOTD Project Manager. During this meeting, SKA will establish a Project Management Plan (PMP) and will develop and refine the scope as needed for the project to incorporate any changes that may have occurred. Defining the project scope clearly ensures the project will progress smoothly with Survey Services, Preliminary Plans, Final Plans, and 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-Builts, Geotechnical Data, Environmental Documents, and/or any other additional items

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 incorporate any needed items that were discussed during the Kickoff Meeting.

FIELD VISITS Our SKA project team will set up a site visit to obtain a better understanding of the project and to identify any constraints that may cause constructability issues or design exceptions.

SURVEY SERVICES Civil Design & Construction, Inc. (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. The LADOTD feature table code list and symbols shall be utilized and met with those included in the latest edition of the survey feature code guidebook produced by the LADOTD Location and Survey Section and Automation. 3D Terrestrial Scanning may be utilized in conjunction with traditional means and methods to capture topography as applicable for each site and will adhere to all LADOTD Standards as related to Terrestrial and Mobile Scanning. All deliverables will adhere to the Electronic standard as set forth by LADOTD. CD&C equipment and software includes:

Equipment:	**Software:**
• 7 - Fully Equipped Survey/SUE Trucks • 1 - VacMaster 3000 Water & Air Excavation Truck • 1 - Riegl VZ400i Terrestrial Scanner • 1 - TopoLift • 5 - Carlson RT4 Tablets with SurvPC • 5 - Sokkia Robotic Total Stations • 9 - Carlson BRX7 GPS • 2 - Digital Level • 1 - SmartDrone Discovery 2 • 1 - GSSI -Ground Penetrating Radar/w Panasonic Data Collector/Software • 1 - Faro Focus 3D scanner • 1 - DOT3D Scanner • 2 - Subsite Advanced Utility locators • 2 - Pipe Rodders • 1 - 10ft Alumacraft Boat/w Trolling Motor	• Riegl RiScan • Faro Scene • DOT3D Edit • AutoCAD • Carlson • Bentley Microstation • Global Mapper • SmartDrone Processor • BlueBeam • CADConform • TopoDOT Scan Extraction • Pointman Pro - Subsurface Utility Mapping Software

GEOTECHNICAL SERVICES APS Engineering and Testing, LLC will continue to utilize our 40 plus years (combined staff) of experience to provide comprehensive Subsurface Geotechnical Investigation in accordance with the standards of DOTD. Our firm will utilize our in-house drill rigs, CPT rigs, and Laboratory equipment, to provide a high-quality Geotechnical Data Report. We will also work closely with the design team members to ensure a seamless transfer of geotechnical data to the designers. APS will provide consultation geotechnical engineering. APS understands that the geotechnical task orders will be assigned by the Prime consultant. APS will work with Project Manager (PM) in Charge from the time the Task Order (TO) is assigned until the TO is complete. The steps for this work include, but are not limited to Boring Request, Drilling Services, Laboratory Services (AASHTO and USACE certified), and all required Geotechnical Services.

PLAN DEVELOPMENT For plan development, SKA uses Microstation, OpenRoads (previously INRoads), OpenBridge (previously Leap Bridge), and DOTD's Hydraulic Design Software on all projects. SKA has been using these services simultaneously with DOTD since inception from Bentley Services. Additionally, SKA also uses Transoft Torus and Autoturn for roundabout design and U-turn Analysis. Using these software tools ensures that SKA's plans are compatible with DOTD's requirements and software capabilities.

18. Approach and Methodology

- **John Raymond, PE** will be project manager and lead road designer for this project. He has over 30 years of roadway and DOTD project experience. He is very knowledgeable of DOTD standards and requirements as well as roadway plan preparation. He will work closely with DOTD Road Design during the preliminary phase. **Garret Gilbert, PE** and **Andrew Shread, PE** will assist in road design under John Raymond's supervision. Mr. Gilbert and Mr. Shread have worked on numerous roadway projects as well as pavement preservation contracts with DOTD. Mr. Gilbert will also work on any drainage design needed for this project.
- **Niccola Gill, PE** will be lead bridge designer if needed, she has over 20 years of bridge design experience ranging from local to interstate consisting of new construction and widening. She is very knowledgeable of the Bridge Design and Evaluation Manual (BDEM), Open Roads and Open Bridge modeling software.
- SKA's CADD Technicians are very proficient using MicroStation and CADD Conform to meet the requirements for DOTD plan development. As noted in the staff resumes, our CADD staff has worked on many DOTD projects. Using CADD Technicians on DOTD projects aids in design effort manhours for engineers.
- QA/QC will be completed by **Niccola Gill, PE**. She has over 20 years of roadway and bridge design experience and is very knowledgeable of the latest DOTD Roadway Design Procedures, Guidelines and DOTD Minimum Design Guidelines, and Pavement Preservation Manual for design references, AASHTO's Policy on Geometric Design of Highways, AASHTO's Roadside Design Guide, and the Highway Safety Manual

PLAN SUBMITTALS SKA will utilize the DOTD Road Design Manual for plan delivery. SKA will submit the following:

- Preliminary Plans: SKA will submit preliminary plans at 60%, 90%, and 100%. Additionally, the Plan-in-Hand (PIH) Meeting will be held following the 90% submittal. The preliminary hydraulic report will be submitted with the 60% submittal. Also included in the preliminary submittals will be construction cost estimate with each submittal, preliminary design reports, and any design exception or waiver requests.
- Final Plans: Once Environmental Clearance is received, SKA will submit final plans at 60%, 95% (Advanced Check Prints), 98%, and 100% (Sealed Final Plans). The final hydraulic report will be submitted with the 60% submittal. Also included in the final submittals will be construction cost estimate with each submittal, the final design reports, special provisions, NS pay items, and final design calculations.
- Construction: Once final design is complete, SKA will assist DOTD in completing the construction support proposal. SKA works with various entities and has over 30 years of experience with bidding, reviewing shop drawings, responding to RFIs, and all other items associated with construction support.

I-10 Widening (LA 73 – LA 30)

"The consultant displayed technical proficiency throughout plan development. All submittals showed a clear understanding of the DOTD's plan development process and roadway design principles. There were limited relevant technical plan comments which speaks to the consultant's technical accuracy."

"The consultant submitted a very good set of plans. The consultant did a terrific job of assessing problems, offering a range of solutions, and resolving issues in a timely manner. The consultant was very responsive and worked well with DOTD personnel."

(Excerpt from LADOTD Project Manager Technical Evaluation of Consultant)

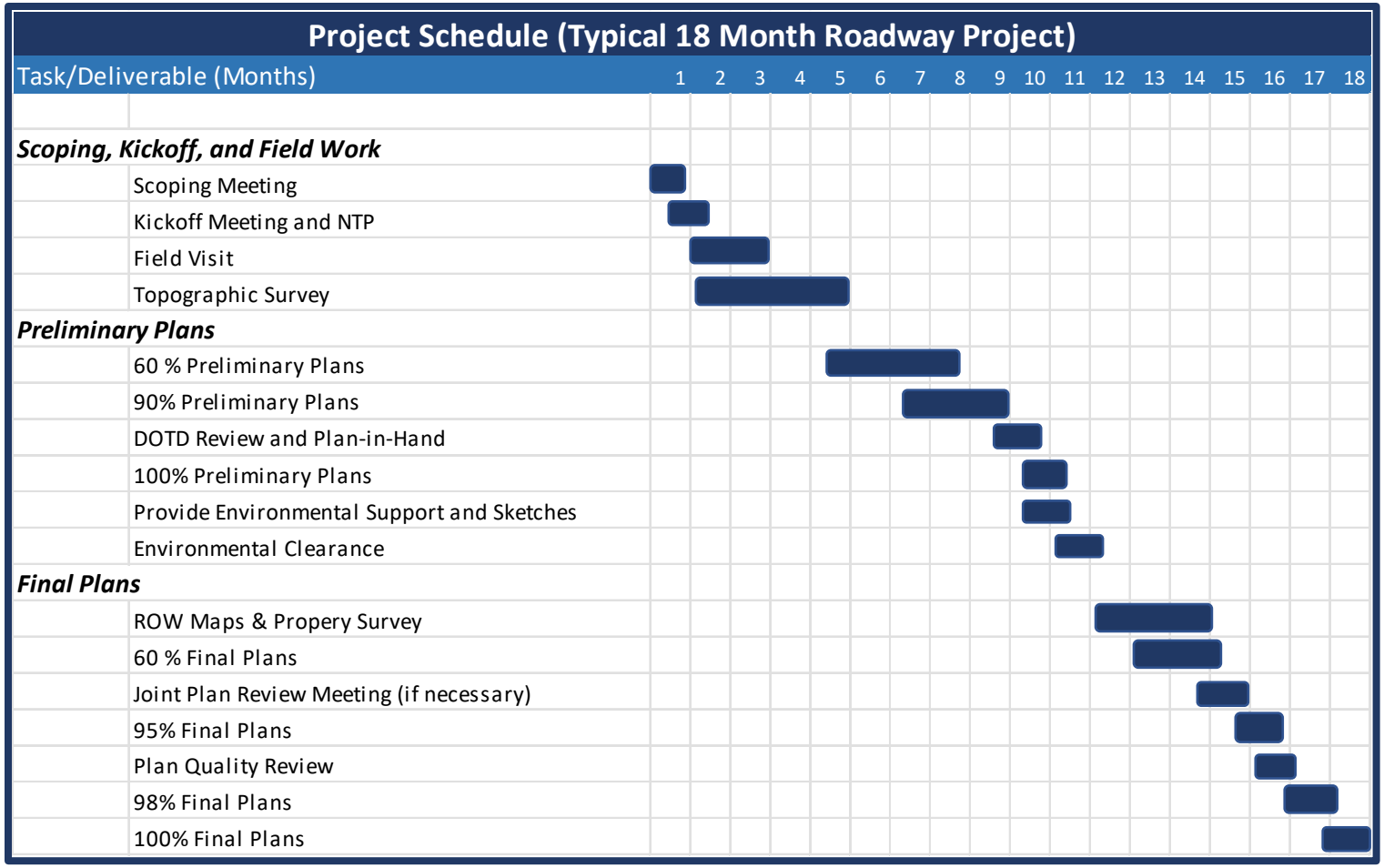
SKA was awarded the 2016 DOTD Transportation Excellence Award for French Branch Bridge-West Pearl River Bridge (I-10 / I-12 / I-59) because the plans were well laid out and the project was constructed without issue.

LA 14 – Business & LA 331 Erath

"The consultant's deliverables were timely and accurate. Any errors or necessary changes were addressed quickly and precisely. The consultant demonstrated an understanding of and compliance with the scope of the project and showed thorough understanding of the project requirements."

(Excerpt from LADOTD Project Manager Technical Evaluation of Consultant)

The overall time for completion of the contract is estimated to be 5 years, however based on previous roadway projects, SKA estimated a typical 18-month roadway project timeline below. SKA will always strive to complete the project ahead of the scheduled completion date, but no later than the scheduled date. As previously mentioned, SKA has proven this on multiple projects that were designated for Federal redistribution funds that had a shortened schedule to meet August deadlines.



19. Workload

Firm(s)	Past Performance Evaluation Discipline(s)	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance
Shread-Kuyrkendall & Associates, Inc.	Road	44-8671 H.009266	I-10 (LA 73 to LA 30) Route I-10, Ascension Parish	$ 28,650
	Bridge	44-8671 H.009266	I-10 (LA 73 to LA 30) Route I-10, Ascension Parish	$ 71,720
	CE&I/OV	44-4665 H.004435	I-12 to Bush, LA 3241 (LA 36 – LA 435), St. Tammany Parish	$ 59,633
	CE&I/OV	No Contract No. H.011152	I-12 Widening (sub to T. Baker Smith)	$ 5,457
	Road	44-17438 H.013284	MRB South GBR: LA 1 to LA 30 Connector (sub to Atlas)	$ 52,717
	Road	44-17438 H.013284	MRB South GBR: LA 1 to LA 30 Connector (sub to Atlas) SA#3	$ 154,621
	CE&I/OV	44-5615 H.000710.6	Comite River Diversion Bridge at LA 964	$ 50,467
	Road	44-24831 H.0148830.5	LA 14 at LA 674 Intersection Improvements	$ 103,150
	Road	44-24831 H.015954.5	LA 1100 & LA 95	$ 4,734
	Road	44-27211 H.0145510.5	Iberia St. Pavement Preservation and Bike Improvements	$ 120,264
Civil Design & Construction, Inc.	Survey	44-27093 H.015949	LA 335	$ 14,089
	Survey	44-23689 H.013622.5	LSRP Ardenwood Dr.	$ 24,366
	Survey	44-27093 H.015847.5	US 90: LA 668 to LA 318	$ 128,228
	Survey	44-27093 H.014824.5	US 90: 1.6 MI S LA 317 to 1.2 MI N Wax Lake B	$ 89,550
	Survey	44-26911 H.013718	LA 23 – Gretna	$ 57,800

APS Engineering and Testing, LLC	CE&I/OV	44-24653 H.01254.6	Wiggins Bayou Bridge	$ 52,609
	Geotech	44-19337 H.014247	LA 399 Bridges near Fullerton	$ 24,307
	Geotech	44-19337 H.014245	LA 119; Bayou Pierre & Creek Bridges	$ 23,654
	Geotech	44-24653 H.014982.5	Marathon Rd over Dry Creek	$ 46,490
	Geotech	44-19011 H.012068.5	LA 1026 Creek Bridge	$ 23,519
	Geotech	44-24653 H.014978.5	Ballard Loop over Unnamed Drainage Ditch	$ 41,723
	Geotech	44-24653 H.016323.5	LA 37 Glass Branch Bridge	$ 22, 005
	Geotech	44-24653 H.016326.5	LA 36 Drain Bridge Pearl	$ 22,615
	Geotech	44-24653 H.016322.5	LA 81: W-11 Lateral & Bayou Black Bridges	$ 39,335
	Geotech	44-24653 H.016312.5	LA 3116 Creek Bridge	$ 59,216
	Geotech	44-24653 H.016321.5	LA 970 Creek Bridge	$ 21,058
	Geotech	44-24653 H.016311.5	LA 1123 Box Culvert Creek Bridge	$ 59,399
	Geotech	44-24653 H.016324.5	LA 1047: Drain Bridge	$ 22,608

DO NOT SUM

20. Certifications/Licenses

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

State of Louisiana Secretary of State

COMMERCIAL DIVISION
225.925.4704

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

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

Previous Names

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

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

Domicile Address

13016 JUSTICE AVENUE
BATON ROUGE, LA 70816

Mailing Address

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

Principal Office Address

13016 JUSTICE AVENUE
BATON ROUGE, LA 70816

Status

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

Registered Agent(s)

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

Officer(s)

Additional Officers: No

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

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

Amendments on File (6)

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

Print

State of Louisiana Secretary of State

COMMERCIAL DIVISION
225.925.4704

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

Name	Type	City	Status
CIVIL DESIGN & CONSTRUCTION, INC.	Business Corporation	PORT ALLEN	Active

Previous Names

Business: CIVIL DESIGN & CONSTRUCTION, INC.
Charter Number: 35961196D
Registration Date: 6/15/2005

Domicile Address

3251 SOUTHERN PACIFIC ROAD
PORT ALLEN, LA 70767

Mailing Address

P O BOX 857
PORT ALLEN, LA 70767

Principal Office Address

3251 SOUTHERN PACIFIC ROAD
PORT ALLEN, LA 70767

Status

Status: **Active**
Annual Report Status: **In Good Standing**
File Date: 6/15/2005
Last Report Filed: 5/17/2024
Type: Business Corporation

Registered Agent(s)

Agent:	KARLA E. WESTON
Address 1:	7951 FALSE RIVER ROAD
City, State, Zip:	NEW ROADS, LA 70760
Appointment Date:	6/15/2005

Officer(s)

Additional Officers: No

Officer:	KARLA E. WESTON
Title:	President
Address 1:	7951 FALSE RIVER ROAD
City, State, Zip:	OSCAR, LA 70762

Mergers (1)

Filed Date	Effective Date:	Type	Charter#	Chater Name	Role
10/6/2006	**10/6/2006**	**MERGE**	**35961196D**	**CIVIL DESIGN & CONSTRUCTION, INC.**	**SURVIVOR**
			34220123D	PAE, INC.	NON-SURVIVOR

Amendments on File (3)

Description	Date
Disclosure of Ownership	9/7/2006
Domicile, Agent Change or Resign of Agent	9/11/2006
Merger	10/6/2006

Print

State of Louisiana Secretary of State

COMMERCIAL DIVISION
225.925.4704

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

Name	Type	City	Status
APS ENGINEERING AND TESTING, LLC	Limited Liability Company	BATON ROUGE	Active

Previous Names

Business: APS ENGINEERING AND TESTING, LLC
Charter Number: 40911984K
Registration Date: 8/9/2012

Domicile Address

1645 NICHOLSON DR
BATON ROUGE, LA 70802

Mailing Address

5261 HIGHLAND RD. #320
BATON ROUGE, LA 70808

Status

Status: **Active**
Annual Report Status: **In Good Standing**
File Date: 8/9/2012
Last Report Filed: 7/16/2024
Type: Limited Liability Company

Registered Agent(s)

Agent: SERGIO AVILES
Address 1: 5261 HIGHLAND RD. #320
City, State, Zip: BATON ROUGE, LA 70808

Appointment Date:	6/25/2018

Officer(s)

Additional Officers: No

Officer:	SERGIO AVILES
Title:	Member
Address 1:	5261 HIGHLAND RD. #320
City, State, Zip:	BATON ROUGE, LA 70808

Mergers (1)

Filed Date	Effective Date:	Type	Charter#	Chater Name	Role
3/25/2022	**3/25/2022**	**MERGE**	**40911984K**	**APS ENGINEERING AND TESTING, LLC**	**SURVIVOR**
			37100062K	APS DESIGN AND TESTING, L.L.C.	NON-SURVIVOR

Amendments on File (3)

Description	Date
Domestic LLC Agent/Domicile Change	11/15/2017
Domestic LLC Agent/Domicile Change	6/25/2018
Merger	3/25/2022

Print

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 2024 to March 2025

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

LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

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

APS Engineering and Testing, LLC

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

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

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

Certificate Eligibility: October 2024 to October 2025

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

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

22. Sub-consultant information

Firm Name (Name must match exactly as registered with Louisiana's Secretary of State (SOS): including punctuation, include screenshot(s) from SOS at the end of Section 20)	Address	Point of Contact and email address	Phone Number
Civil Design & Construction, Inc.	PO Box 857 Port Allen, LA 70767	Karla E. Weston, PE Kweston@cdcbr.com	225-765-1803
APS Engineering and Testing, LLC	1465 Nicholson Dr. Baton Rouge, LA 70802	Sergio Aviles, P.E. sergio@aps-testing.com	225-456-5714

23. Location

Location:

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