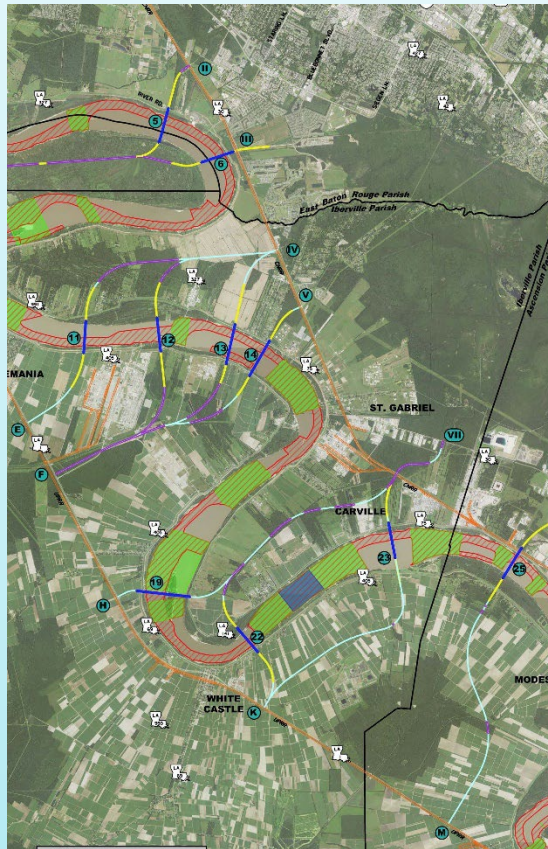


PROPOSAL FOR ENTITY CONTRACT FOR ST. NAZAIRE RD EXT LA 96 – CORNE RD STATE PROJECT NO. H.014622.1

CONTRACT NO. 4400025625



H.013284 / Mississippi River Bridge: LA 1 to LA 30 Connector -*East Baton Rouge, Ascension, Iberville, and West Baton Rouge Parishes* –As sub-consultant to Atlas, Shread-Kuyrkendall was tasked with proposing **32 alignments** for location of the proposed **Mississippi River Bridge**. SKA provided line and grade alignments/studies to minimize impacts to identified environmental concerns and to meet Purpose and Need

DOTD FORM: 24-102

(Revised March 1, 2022)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

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

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

1. Contract title as shown in the advertisement	ENTITY CONTRACT FOR ST. NAZAIRE RD. EXT. (LA 96 TO CORNE RD.)
2. Contract number(s) as shown in the advertisement	4400025625
3. State Project Number(s), if shown in the advertisement	H.014622.1
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	Shread Kuyrkendall & Associates, Inc.
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	P.E. 0000767 P.L.S. 0000130
6. Prime consultant mailing address	13016 Justice Ave., Baton Rouge, LA 70816
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	13016 Justice Ave., Baton Rouge, LA 70816
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Richard R. Shread , President (225) 296-1335 Shread@skaengr.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Richard R. Shread , President (225) 296-1335 Shread@skaengr.com
10. This is to certify that all information contained herein is accurate and true, and that the team presently has	

<p>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.</p>	<p>Signature (shall be the same person as #9):</p> <p><u>Richard F. Shread</u></p> <p>Date:</p> <p>12/21/22</p>	
<p>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.</p>	<p><u>Firm(s):</u></p> <p>Urban Systems, Inc.</p>	<p><u>Firm(s)' %:</u></p> <p>10%</p>

12. Past Performance Evaluation Discipline Table:

Sub-consultants are allowed to be used for this proposal. Fill in the table by identifying only those evaluation disciplines consistent with the approach and methodology proposed in Section 18 of the DOTD Form 24-102*, the name of each firm that is part of the proposal, and the percentage of work in each past performance evaluation discipline to be performed by that firm. The percentage estimated for each evaluation discipline is for evaluation purposes only and will not control the actual performance or payment of the work. The percentages for prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as the overall total percentage of the contract.							
Evaluation Disciplines	% of Overall Contract	Prime Shread-Kuyrkendall & Associates, Inc.	Firm B Urban Systems, Inc.	Firm C Providence Engineering and Environmental Group LLC	Firm D		Each Discipline must total to 100%
Road	55%	100%					100%
Traffic	10%		100%				100%
Environmental	35%			100%			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%	55%	10%	35%			100%

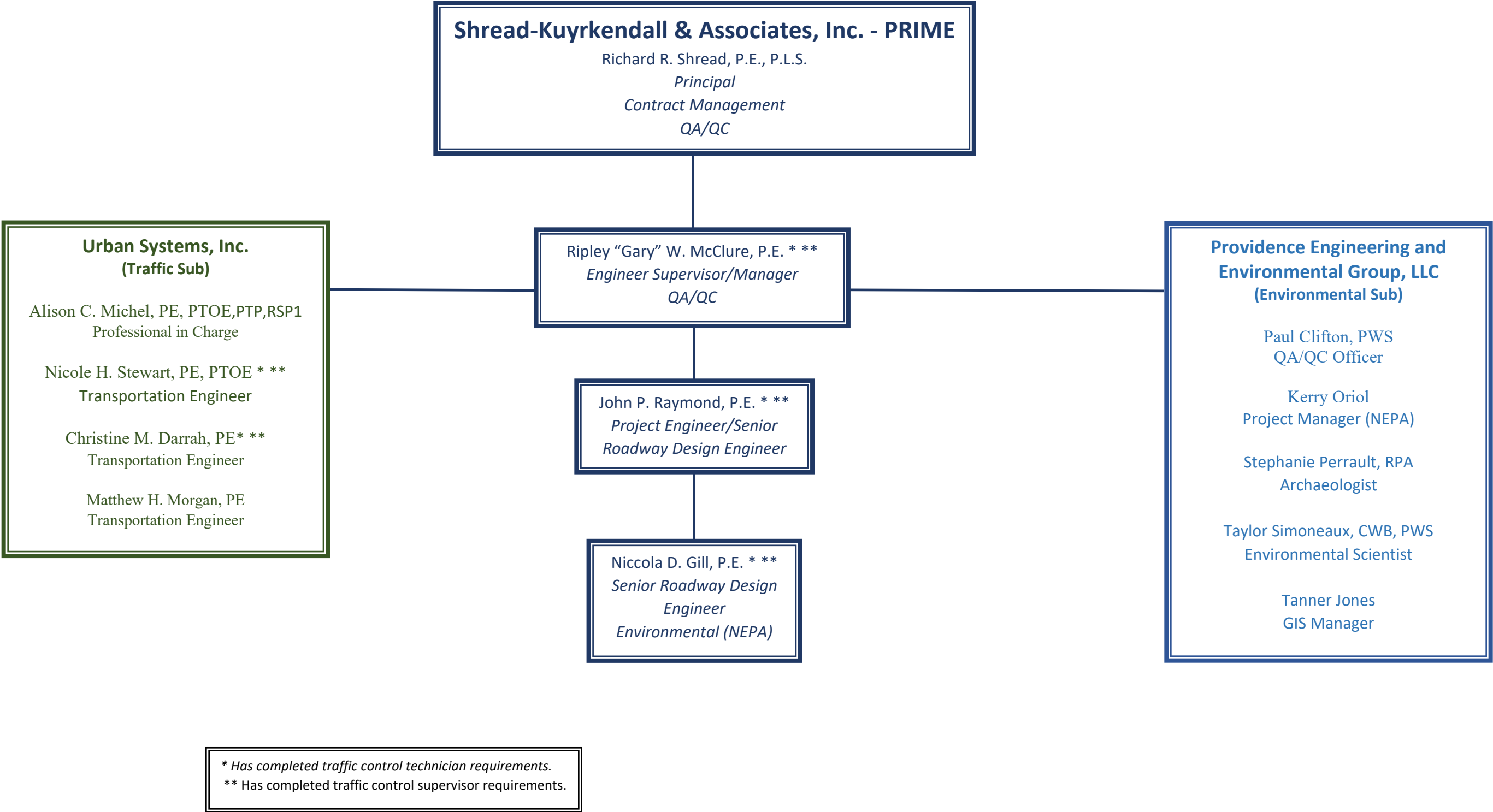
*The past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other. The crosswalk from the old categories to the new categories can be found at the link below:

http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/General%20Information/CPPR%20Crosswalk%20to%20New%20Evaluation%20Disciplines.pdf

13. Firm Size:

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
 SHREAD-KUYRKENDALL & ASSOCIATES	Principal	1	1
	Supervisor-Eng	1	1
	Engineer	2	6
	CADD Technician	2	2
	CADD-Operator	0	2
 URBAN SYSTEMS inc.	Supervisor-Eng	1	1
	Engineer	3	3
	Engineer-Other	1	1
	Engineer Intern	1	2
	CADC Technician	1	2
	Technician	1	3
Providence Engineering and Environmental Group LLC	Archaeologist	1	1
	Biologist/Wetlands	1	6
	Environmental Manager	2	1
	GIS Analyst	1	2


14. Organizational Chart:



15. Minimum Personnel Requirements:

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license / certification & number	State of license	License / certificatio n expiration date
1	Richard R. Shread	Shread-Kuyrkendall & Associates, Inc.	P.E. (Civil) 18983	LA	9/30/24
2	Richard R. Shread	Shread-Kuyrkendall & Associates, Inc.	P.E. (Civil) 18983	LA	9/30/24
3	Ripley W. "Gary" McClure	Shread-Kuyrkendall & Associates, Inc.	P.E. (Civil) 24035	LA	9/30/24
3	John P. Raymond	Shread-Kuyrkendall & Associates, Inc.	P.E. (Civil) 27988	LA	9/30/24
3	Niccola D. Gill	Shread-Kuyrkendall & Associates, Inc.	P.E. (Civil) 32914	LA	3/31/23
4	Kerry Oriol	Providence Engineering and Environmental Group LLC	NEPA and Transportation and Decision Making Process (NHI Course #142005)		
5	Stephanie Perrault, RPA	Providence Engineering and Environmental Group LLC	Registered Professional Archaeologist: 33714583	LA	1/1/23

16. Staff Experience:

Firm employed by: Shread-Kuyrkendall & Associates, Inc.					
Name	Richard R. Shread, P.E., P.L.S.		Years of relevant experience with this employer	34	
Title	PRINCIPAL		Years of relevant experience with other employer(s)	14	
Degree(s) / Years / Specialization		B.S. / 1974 / Civil Engineering MBA / 1979 / Business Admin			
Active registration number / state / expiration date		18983 / LA / September 30, 2024 PLS. No. 4695 / LA / September 30, 2024			
Year registered	1980/1993	Discipline	Civil Engineering / Land Surveyor		
Contract role(s) / brief description of responsibilities		Mr. Shread, principal managing officer, is responsible for overall financial, personnel and policy management. In addition, he shares responsibility for business development and continues to serve as Principal-in-Charge for contract administration on specific projects. Mr. Shread's role will be Principal-in-Charge.			
		Meets MPR 1 & 2			
Experience dates	Experience and qualifications relevant to the proposed contract.				
Mr. Shread has been designing roadways associated with various classes of highways for well over 48 years. During this period, Mr. Shread has been Principal-in-Charge of multiple Line and Grade Studies (highlighted in blue below).					
<i>Line and Grade Studies/Roadway Design</i>					
2/20-Present	H.013284 / Mississippi River Bridge: LA 1 to LA 30 Connector -East Baton Rouge, Ascension, Iberville, and West Baton Rouge Parishes –As sub-consultant to Atlas, Shread-Kuyrkendall was tasked with proposing 32 alignments for location of the proposed Mississippi River Bridge . Mr. Shread provided QA/QC for the line and grade alignments/studies. These line and grades consisted of a 4-lane divided highway designed for Freeway criteria at 65 mph. Preliminary costs were established to be used as part of a Decision Matrix to ultimately refine the alignments to three (3). Several public meetings were held at all possible parishes that could be impacted. <i>The ultimate goal is for the team to locate the best location for the new bridge. We are presently in the environmental phase.</i>				
02/04-11/09	H.007154, H.007152, H.002303 / Central Thruway: East Baton Rouge Parish – This project involved and Environmental Assessment, Line and Grade Studies, and design of a 4-lane divided thruway. Multiple alignments were studied followed by public meetings and a final public hearing. The final alignment had a length of 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. <i>SKA performed an Environmental Assessment and received a FONSI to begin design.</i>
05/13-04/22	H.002825 / Nicholson Drive (LA 30) Brightside Lane to Gourrier Ave (Stage 1): East Baton Rouge – Mr. Shread assisted with QA/QC for this Stage 1 Environmental Study to widen Nicholson Drive from Brightside to Gourrier. Mr. Shread assisted with review of the design alternatives in addition to the Line and Grade Study.
06/00- 10/04	742-26-0028 Lapalco Boulevard Improvements (Barataria Boulevard-Destrehan Avenue): St. Jefferson Parish – This project consists of approximately 1.4 miles of an existing 4-lane roadway that was widened to 6-lanes. Subsurface drainage was provided to eliminate the open ditches. <i>SKA performed an Environmental Assessment and received a FONSI to begin design.</i>
06/18-Present	H.001799 / LA 531 Overpass: Webster Parish – As principal, Mr. Shread is overseeing that Shread-Kuyrkendall & Associates is providing preliminary plans for roundabouts at the interstate ramp termini and the corresponding roadway tie-ins for the LA 531 bridge replacement. The project is approximately 0.3 miles long along LA 531. Roundabouts will be constructed at the I-20 entrance/exit ramp intersections with LA 531 both to the north and south of the LA 531 overpass.
04/14-Present	H.004435 / LA 3241 (LA 36 to LA 435): St. Tammany Parish – Currently in the construction phase. This project consists of approximately eight (8) miles of a new alignment in St. Tammany Parish. This new roadway is a four-lane rural arterial freeway (roadway classification RA-3).
10/10-Present	H.013579, H.003047, & H.012290 / Pecue Lane / I-10 Interchange: East Baton Rouge Parish – Mr. Shread served as principal-in-charge for a Diverging Diamond Interchange (DDI). Line and grade studies were performed with several alignments provided and presented to the public for review. <i>An Environmental Assessment was performed resulting in a FONSI.</i> 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.

16. Staff Experience:

Firm employed by: Shread-Kuyrkendall & Associates, Inc.				
Name	Ripley "Gary" W. McClure, P.E.		Years of relevant experience with this employer	31
Title	PRINCIPAL/ENGINEERING SUPERVISOR		Years of relevant experience with other employer(s)	8
Degree(s) / Years / Specialization			B.S. / 1982 / Civil Engineering	
Active registration number / state / expiration date			24035 / LA / September 30, 2024	
Year registered	1988 /1994	Discipline	Civil Engineering / Environmental Engineering	
Contract role(s) / brief description of responsibilities			Mr. McClure's role will be Engineering Supervisor and responsible for QA/QC	
Experience dates			Experience and qualifications relevant to the proposed contract.	
Mr. McClure has over 39 years of experience in the design of roadways and Environmental Studies. Mr. McClure's role will be Engineering Supervisor and serve as a Roadway and Environmental Professional providing oversight and QA/QC. Completed the Highway Safety Manual Workshop and NEPA Certified (NHI Course No. 142005)				
Line and Grade Studies / Stage 1 (NEPA)/Roadway				
2/20-Present	H.013284 / Mississippi River Bridge: LA 1 to LA 30 Connector -East Baton Rouge, Ascension, Iberville, and West Baton Rouge Parishes –As sub-consultant to Atlas, Shread-Kuyrkendall was tasked with proposing 32 alignments for location of the proposed Mississippi River Bridge . Mr. McClure provided line and grade alignments/studies to minimize impacts to identified environmental concerns, to adjust alignments for crossings that were allowed by the US Coast Guard, Corps of Engineers, and the River Pilots Association, and to consider environmental justice. These line and grades consisted of a 4-lane divided highway designed for Freeway criteria at 65 mph. Preliminary costs were established to be used as part of a Decision Matrix to ultimately refine the alignments to three (3). Several public meetings were held at all possible parishes that could be impacted. <i>The ultimate goal is for the team to locate the best location for the new bridge. We are presently in the environmental phase.</i>			
02/04-11/09	H.007154, H.007152, H.002303 / Central Thruway: East Baton Rouge Parish – This project involved and Environmental Assessment, Line and Grade Studies, and design of a 4-lane divided thruway. Multiple alignments were studied followed by public meetings and a final public hearing. The final alignment had a length of 5.2 miles on a new alignment including seven bridges. Also included in the scope of this project was a corridor study, an environmental assessment, topographic surveys, right-of-way maps and property surveys. Mr. McClure served as project manager from the start of the project until its completion. <i>SKA performed an Environmental Assessment and received a FONSI to begin design.</i>			



Meets MPR 3

5/13-4/22	H.002825 / Nicholson Drive (LA 30) Brightside Lane to Gourrier Ave (Stage 1): <i>East Baton Rouge</i> – Mr. McClure served as supervising engineer for this Stage 1 Environmental Study to widen Nicholson Drive from Brightside to Gourrier. Mr. McClure was responsible for the review and QA/QC for the development of design alternatives in addition to the preparation of a Line and Grade Study and an Environmental Assessment was in accordance with the National Environmental Policy Act (NEPA), the Federal Highway Administration (FHWA), and Louisiana Department of Transportation and Development (LADOTD). This project consisted of an environmental analysis, evaluation, and documentation of the socio-economic and environmental impacts of three (3) alternatives as well as a no-build alternative.
10/10 – Present	H.013579, H.003047, & H.012290 / Pecue Lane / I-10 Interchange: <i>East Baton Rouge Parish</i> – Mr. McClure served as supervisor and provided engineering support for environmental for this interchange and roadway. Line and grade studies were performed with several alignments provided by Mr. McClure and presented to the public for review. <i>An Environmental Assessment was performed resulting in a FONSI.</i> Mr. McClure then served as Project Manager for the design of the project. Ultimately, the roadway was realigned to avoid areas categorized as being susceptible to environmental justice. The project widens Pecue Lane to six lanes with a connector to Rieger Road. This project is in construction.
6/00-10/04	742-26-0028 Lapalco Boulevard Improvements (Barataria Boulevard-Destrehan Avenue): <i>St. Jefferson Parish</i> – This project consists of approximately 1.4 miles of an existing 4-lane roadway that was widened to 6-lanes. Subsurface drainage was provided to eliminate the open ditches. <i>SKA performed an Environmental Assessment and received a FONSI to begin design.</i>
03/21-Present	20-CS-HC-0015 / Hennessey Blvd. – Perkins Rd. Connector Railroad Bridge: <i>East Baton Rouge Parish</i> – Presently, an existing at grade rail crossing with two (2) tracks. EBR has contacted with SKA to build an underpass of the roadway beneath the existing railroad. This project involves a steel girder railroad bridge overpass of an arterial road in Baton Rouge. This bridge will be constructed with the rail track remaining live which requires significant shoring with temporary sheeting, waler, and rakers to build one track at a time. Steel girders are the design preference by KCS with a concrete deck and ballast for the railway which is being designed by Mr. McClure.
04/14-Present	H.004435 / LA 3241 (LA 36 to LA 435): <i>St. Tammany Parish</i> – Currently in the construction phase. This project consists of approximately eight (8) miles of a new alignment in St. Tammany Parish. This new roadway is a four-lane rural arterial freeway (roadway classification RA-3).

16. Staff Experience:

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



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



16. Staff Experience:

Firm employed by: Shread-Kuyrkendall & Associates, Inc.				
Name	Niccola D. Gill, P.E.		Years of relevant experience with this employer	20
Title	SENIOR PROJECT ENGINEER /DESIGNER		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		B.S. / 2002 / Civil Engineering		
Active registration number / state / expiration date		32914 / LA / March 31, 2023		
Year registered	2007	Discipline	Civil Engineering	
Contract role(s) / brief description of responsibilities		Ms. Gill's role will be Roadway Design, providing Line/Grade Layouts, and Environmental Support		
		Meets MPR 3		
Experience dates	Experience and qualifications relevant to the proposed contract.			
Ms. Gill's role will be to provide engineering support of Environmental & Roadway Design. She will also serve as an Environmental Professional for QA/QC. She is NEPA Certified (NHI Course No. 142005).				
Environmental/Roadway				
09/19 - Present	H.010155 / US 90: Rail Spur Removal SE of LA 85: Iberia Parish – For the future I-49, Ms. Gill is the Project Engineer and Lead Design Engineer for this project which consists of preliminary and final plans for roadway and structure improvements at the existing at grade railroad crossing at US 90 in Iberia Parish. The existing at-grade railroad crossing will be replaced with a bridge structure crossing the railroad. The existing frontage roads will be used for traffic diversion during bridge construction. Ms. Gill is also designing the roadway approaches for several thousand feet to accommodate the bridge structure.			
05/13-04/22	H.002825 / Nicholson Drive (LA 30) Brightside Lane to Gouirier Ave (Stage 1): East Baton Rouge – As project engineer, Ms. Gill was responsible for the development of design alternatives in addition to the preparation of a Line and Grade Study and an Environmental Assessment was in accordance with the National Environmental Policy Act (NEPA), the Federal Highway Administration (FHWA), and Louisiana Department of Transportation and Development (LADOTD). This project consisted of an environmental analysis, evaluation, and documentation of the socio-economic and environmental impacts of three (3) alternatives as well as a no-build alternative. The objective was to provide detailed planning and environmental analysis that result in the documentation of an environmental decision.			
05/17-05/19	H.012306 / LA 42: Highland Road at Pecue Lane: East Baton Rouge Parish – As project engineer, Ms. Gill was responsible for overseeing the development of the design alternatives that meet the requirement and needs of the project. She met with local and state agencies to determine needs and requirements. After developing a purpose			




	and need, Ms. Gill developed alternatives that were acceptable to the community. Ms. Gill was responsible for the compilation of the Feasibility Study Report.
10/10-Present	H.013579, H.003047, & H.012290 / Pecue Lane / I-10 Interchange: <i>East Baton Rouge Parish</i> – Ms. Gill assisted with engineering support for environmental for this interchange and roadway. <i>Line and grade studies were performed with several alignments provided and presented to the public for review. An Environmental Assessment was performed resulting in a FONSI.</i> This project is in construction.
08/17-05/18	H.012353.1 / LA 8: Sabine River to US 171: <i>Vernon Parish</i> – As project engineer, Ms. Gill was responsible for overseeing the development of the design alternatives that met the requirement and needs of the area. She met with local and state agencies to determine long term planning needs and requirements. After developing a purpose and need, Ms. Gill developed alternatives that were acceptable to the community. Ms. Gill was responsible for the compilation of the Feasibility Study Report.
04/14 - Present	H.004435 / LA 3241 (LA 36 to LA 435): <i>St. Tammany Parish</i> – Currently in construction, Ms. Gill was the bridge design engineer for this project and was responsible for the design of the caps, Type III girders, deck, and other parts of the bridges in accordance with the most recent AASHTO LRFD requirements. Ms. Gill utilized LEAP software for all aspects of the bridge such as girders and caps. Additionally, she performed 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.
09/08-12/09	701-65-1057 / Stage 0 Study / US 171 Realignment (DeRidder Bypass): <i>Beauregard and Vernon Parishes</i> – As project engineer, Ms. Gill coordinated all meetings with the state and local officials. As head of the design team, Ms. Gill was responsible for alternative routes which were submitted to the public. The location of the bypass was in an environmentally sensitive as well as a physical sensitive area of Beauregard Parish. As a result, Ms. Gill worked closely with residents and officials to minimize impact to the area.
06/10-07/11	701-65-1404 / Stage 0 Study / LA 447 and I-12 Interchange: <i>Livingston Parish</i> – As project engineer, Ms. Gill evaluated the capacity and safety limitations of LA 447 from Buddy Ellis Road to the Wal-Mart/Winn Dixie signalized intersection just north of Pendarvis Road and offered alternatives for making improvements to the route. Included in these limits is the LA 447 interchange with I-12.

16. Staff Experience:

Firm employed by Urban Systems, Inc.				
 Alison C. Michel, P.E., PTOE, PTP, RSP1 President / Transportation Engineer 	Years of relevant experience with this employer			21
	Years of relevant experience with other employer(s)			3
Degree(s) / Years / Specialization			BS / 1997 / Civil Engineering	
Active registration number / state / expiration date			30261 / Louisiana / 03/31/2023	
Year registered	2002	Discipline	Professional Engineer: Civil Engineering	
Active registration number / state / expiration date			1023 / Louisiana / 11/06/2023	
Year registered	2002	Discipline	Professional Traffic Operations Engineer	
Active registration number / state / expiration date			626 / Louisiana / 11/20/2023	
Year registered	2017	Discipline	Professional Transportation Planner	
Active registration number / state / expiration date			115 / Louisiana / 12/21/2024	
Year registered	2018	Discipline	Road Safety Professional	
Contract role(s) / brief description of responsibilities			Professional In Charge of Traffic Engineering Tasks	
Ms. Michel has over twenty-four (24) years' experience in Traffic Engineering and Transportation Planning. Ms. Michel has a wide array of experience with transportation studies including traffic impact, safety, corridor, feasibility/Stage 0, environmental/Stage 1, multi-modal and transit facilities. She has experience in the timing of coordinated signal systems and progression analyses. She is proficient in microscopic simulation modeling using VISSIM and CORSIM and also in analysis programs such as Highway Capacity Software (HCS), Tru-Traffic and SIDRA. Ms. Michel has completed the <i>Highway Safety Manual</i> course sponsored by the LADOTD and the <i>NEPA and Transportation Decision Making</i> course sponsored by the National Highway Institute. She has extensive experience preparing Traffic Studies for environmental documents and has also served as the Principal in Charge as the prime consultant for EA preparation.				
03/16-01/19	<u>I-10/Loyola Interchange Improvement Project H.011670 Stage 0 and Stage 1</u> This multi-phase interchange improvement project to improve capacity to service increasing demand and provide direct access to the new north terminal of the MSY International Airport from I-10 was conducted with Ms. Michel as the Principal in Charge. The first phase included detailed data collection efforts to identify the various origins and destinations of airport trips and the routes utilized. She managed this, the microsimulation analysis efforts, and the tiered process to identify alternatives			



	<p>to meet Federal Highway Administration (FHWA) requirements for an interchange modification report. During this process she also coordinated with the numerous agencies that were identified as stakeholders. The second phase was preparing an environmental assessment (EA) where she assisted the project manager with coordinating a team of eight different consulting firms. The result was the granting of a Finding of No Significant Impact (FONSI) by the FHWA in only fifteen months after beginning the EA process. The experience of priming this EA project as invaluable as it provides a level of understanding the entire process, not just the traffic analysis portion.</p>
10/11- 05/16	<p><u>Increase Capacity of I-10 from Bridge to I-10/I-12 Split Stage 0 Feasibility Study and Stage 1 Environmental Assessment</u></p> <p>Ms. Michel was the Principal in Charge of the Traffic Studies this multi-faceted project to improve Interstate 10 through Baton Rouge. The project included developing and testing alternatives for operational and safety conditions. Analysis utilized VISSIM models that were prepared to meet LADOTD requirements. Mainline alternatives included an additional lane, interchange relocations, a highpass and slip ramps. The Capitol Regional Planning Commissions Travel Demand model in Transcad was utilized to forecast volumes for various scenarios. Due to the length of the corridor, public meetings were held in three separate locations where Ms. Michel presented the results of the traffic analysis to the public. At the public meetings video animations of the models and analysis results from the VISSIM were presented. The final Stage 0 document was published for public comment to be included in the NEPA process in compliance with the FASTACT. USI was also tasked with the traffic analysis and preparation of three Interchange Modification reports based on the Tiered process to meet Federal Highway Administration requirements. Ms. Michel oversaw the traffic study preparation for the Environmental Assessment that was approved.</p>
01/12-10/14	<p><u>LA 182 Widening Stage 0 Study</u></p> <p>Ms. Michel was the project manager for a Traffic Study for the Stage 0 Feasibility Study for widening of LA Highway 182 (North University Avenue) from West Pont des Mouton Road to I-49 in Lafayette Parish. The corridor analysis included approximately 25 unsignalized and 5 signalized intersections. Ms. Michel performed QA/QC of the traffic data collected by others, oversaw the simulation models in effort using VISSIM and preparation of the report summarizing the findings. Her participation in this project indicates familiarity with LA 182 in Lafayette going as far back as 2012.</p>
02/10-04/12	<p><u>I-12 to Bush Environmental Impact Statement Route LA 3241</u></p> <p>Ms. Michel led the team that conducted a traffic study for the I-12 to Bush Environmental Impact Statement. This included conducting field investigations to document existing conditions, noting traffic patterns, traffic control devices and to identify safety concerns. Various alternatives were identified and evaluated at potential tie-in points for the new alignment. Ms. Michel's TRANSCAD training and experience were utilized when modifying population, employment, and socio-economic data in the regional transportation model to assist with the forecasting of future traffic volumes.</p>

16. Staff Experience:

Firm employed by Urban Systems, Inc.			
 Nicole H. Stewart, P.E., PTOE Vice President / Transportation Engineer		Years of relevant experience with this employer	17
		Years of relevant experience with other employer(s)	1.5
Degree(s) / Years / Specialization		BS / 2004 / Civil Engineering and BS / 2004 / Physics	
Active registration number / state / expiration date		34750 / Louisiana / 09/30/2023	
Year registered	2009	Discipline	Professional Engineer: Civil Engineering
Active registration number / state / expiration date		2923 / Louisiana / 08/2023	
Year registered	2012	Discipline	Professional Traffic Operation Engineer
Contract role(s) / brief description of responsibilities		Traffic Engineering/ Design Analysis, and TMPs	
<p>Ms. Stewart has seventeen (17) years of experience in Traffic and Transportation Engineering and is a certified Traffic Control Design Specialist. Ms. Stewart has extensive experience in preparing Transportation Management Plans and site-specific traffic control devices plans for every possible environment. This includes closing downtown streets with bike lanes and sidewalks, suburban road closures on multilane highways, and rural road closures requiring extensive detours as well as ramp and interstate closures, both intermittent and long term. She has experience in signal design and timing of coordinated systems for LADOTD which included developing a system engineering analysis for a new fiber optic communication network. She has experience using Highway Capacity Software (HCS), Synchro, and SIDRA.</p>			
01/14-08/19	<u>US 90 (I-49 South) Albertson's Parkway to Ambassador Caffery Design-Build Project</u> Ms. Stewart prepared the Traffic Control Device Plans for all phases of construction. Ms. Stewart was responsible for the design of the permanent signage for the new portion of I-49 within the project limits. Traffic Control Devices and Signage plans were prepared to be in accordance with the Manual of Uniform Traffic Control Devices and the most current LADOTD standards. Throughout construction, Ms. Stewart was available to meet with contractor and visit the construction site on an as needed basis. Ms. Stewart provided timely responses to RFI's and prepared plan changes to address concerns raised in the field. She also prepared As-Built plans once the project was completed in August 2019.		
08/09-07/11	<u>LA 3235 Corridor Safety Study</u> Ms. Stewart was lead engineer on the LA 3235 Corridor Safety Study from LA 1 to LA 32 in Terrebonne Parish, LA for LADOTD. This study included the collection of crash data and reviewing more than three hundred detailed collision reports.		


	<p>As a key part of this safety analysis, Ms. Stewart prepared the collision diagrams as a visual aid to assist with identifying trends and specific correctable factors that contributed to a higher crash frequency such as sight obstructions caused by intersection alignments, and pavement and lighting conditions.</p>
03/16-01/19	<p><u>I-10/Loyola Interchange Improvements</u></p> <p>Ms. Stewart's role in this study was to prepare the conflict points, signage, and striping layouts for the two different types of interchanges being considered for the I-10 at Loyola Avenue Interchange. One interchange type included multiple fly over ramps and the other was a diverging diamond. Once prepared, Ms. Stewart compared and ranked the conflict points, signage and striping of both alternatives to be used for the safety portion of the Tiered Process.</p>
05/16-04/20	<p><u>I-49 South (Raceland to the Westbank Expressway)</u></p> <p>Urban Systems was a part of the project team selected to evaluate integrating the existing US 90 corridor into the I- 49 South systems within the project study limits. Ms. Stewart was the principal in charge of the USI tasks and led the project management efforts. Ms. Stewart conducted the quality assurance checks of the final technical documents including the data collection reports and traffic distributions for thirteen proposed interchanges.</p>
12/14-01/17	<p><u>LA 447 Corridor Study and Environmental Assessment</u></p> <p>Ms. Stewart was the lead engineer for the Corridor Safety Study to identify improvements to LA 447 from north of Interstate 12 (I-12) to LA 16 that was included in the Environmental Assessment. She reviewed detailed crash reports obtained from the LADOTD database for the section south of Buddy Ellis Road. She oversaw the preparation of collision diagrams and the identification of crash trends. The predictive method was used per the Highway Safety Manual to estimate the crashes with and without potential improvements. Ms. Stewart also conducted turn lane warrants and identified where left and right turn lanes should be considered.</p>
01/09-07/10	<p><u>Twin Spans Increase Capacity and Raise to Prevent Flooding</u></p> <p>Ms. Stewart performed a traffic operations analysis for a Stage 0 Feasibility Study and Environmental Inventory I-10 from I-610 to Twin Spans in Orleans Parish. Ms. Stewart took the lead on this project to determine if capacity improvements were feasible for this congested section of I-10. This study included data collection and analysis of ten major I-10 interchanges. Through analysis and extensive field observations, Ms. Stewart was able to identify specific problems that contributed to the cause of traffic on the I-10 High Rise over the industrial canal including the steep slope of the bridge narrow lanes and the lack of shoulders.</p>

16. Staff Experience:

Firm employed by Urban Systems, Inc.				
 Christine M. Darrah, P.E. Transportation Engineer			Years of relevant experience with this employer	8
			Years of relevant experience with other employer(s)	19
Degree(s) / Years / Specialization		BS / 1994 / Civil Engineering		
Active registration number / state / expiration date		25828 / Louisiana / 09/30/2023		
Year registered	2009	Discipline	Professional Engineer: Civil Engineering	
Contract role(s) / brief description of responsibilities		Transportation Engineer/ Design Analysis, and QA/QC		
<p>Ms. Darrah has over twenty-six (27) years of experience in Civil Engineering and has been specializing in transportation for more than nine (9). Ms. Darrah has been both the project manager and the lead analyst for corridor and intersection improvement studies for Stage 0 and Stage 1 project. She is proficient in LADOTD Highway Capacity Software (HCS), MicroStation, AutoCAD and Autoturn. Ms. Darrah also has experience in preparing traffic signal design plans in LADOTD format. This has included timing/phasing analysis, wiring diagrams, interconnect layouts, construction quantities, specifications, and cost estimates. Her many years and wide variety of experiences are valuable during studies, design development and especially QA/QC.</p>				
09/14-08/16	<u>LA 415 Stage 0 Corridor Study</u> Ms. Darrah was the team leader for the Stage 0 Corridor study to develop an alternative plan to improve mobility and safety on LA 415 in Port Allen, LA for normal conditions as well as increase the capacity for throughput during an I-10 mainline detour. The study included traffic volume collection, growth rate development, alternative development, modeling, safety analysis, Tier 1 analysis, and report preparation. VISSIM was used to model the corridor. Modeling the alternatives required base model creation, calibration, development of projected model for each alternative. She also managed the sub-consultant who prepared the geometric layouts.			
10/10-09/15	<u>Pecue Lane / I-10 Interchange Environmental Assessment</u> Ms. Darrah assisted with design and QA/QC for the Pecue Lane / I-10 Interchange traffic signals for the diverging diamond and the signal at the intersection of Pecue Lane at Reiger Road. The signal plans were prepared on the latest LADOTD TSI format. The interstate ramp terminal intersection signals were designed per LADOTD standards and the Reiger Road signal was designed per East Baton Rouge Parish standards. This required close attention to detail given the different equipment requirements and coordination to obtain pay item numbers for East Baton Rouge signal specifications. She reviewed the opinion of probable cost.			

03/16-01/19	<p><u>I-10/Loyola Environmental Assessment Interchange Improvements</u></p> <p>Ms. Darrah assisted the project team that prepared an Interchange Modification Report for MSY International Airport from I-10. The interchange was recommended to be improved based on the relocation of the airport terminals which will divert traffic through this interchange. Ms. Darrah tasks included working on presentations used for three public outreach events, performing QA/QC for traffic volumes, and preparing the Data Collections Report.</p>
08/20-12/20	<p><u>Carencro Distribution Center Traffic Impact Study</u></p> <p>Ms. Darrah was the lead engineer for the traffic impact study for a one million square foot development on the I-49 East Service Road in Carencro, Louisiana. Ms. Darrah was responsible for volume estimation of base conditions using LADOTD historical data collection and trips from developments recently constructed in the area. The project included the analysis of multiple base and build scenarios to determine the traffic impact. Task included trip generation and distribution, turn lane and signal warrants, and capacity analysis. Methodology for volume estimation and trip distribution required coordination with the LADOTD District.</p>

16. Staff Experience:

Firm employed by Urban Systems, Inc.			
 Matthew H. Morgan, P.E. Transportation Engineer	Years of relevant experience with this employer		9
	Years of relevant experience with other employer(s)		0
Degree(s) / Years / Specialization		BS / 2009 / Civil Engineering	
Active registration number / state / expiration date		47060 / Louisiana / 08/11/2023	
Year registered	2022	Discipline	Professional Engineer: Civil Engineering
Contract role(s) / brief description of responsibilities		Transportation Engineer	
<p>Mr. Morgan has (11) eleven years' experience that ranges from starting as a Data Collection Manager while in college to becoming an Engineer Intern and now a Professional Engineer for Traffic Engineering/ Transportation Planning projects. He has collected and delivered volume, class, and speed data to project managers using road tube equipment and camera systems. Mr. Morgan has been a team member for many projects that involved intersection, freeway, and highway analysis. He has assisted with Traffic Impact Studies, Traffic Control Device Plans, Interchange Modification/Justification Reports, Stage 0 Traffic Studies, Stage 1 Traffic Studies Transportation Management Plans, and a variety of others. He is proficient in the following software: PetraPro, TraxPro, MetroCount, Excel, AutoCAD, SIDRA, HCS Software, VISSIM, CORSIM, and Adobe Suite.</p>			
03/16-12/19	<p><u>I-10/Loyola Interchange Improvement IMR</u></p> <p>Mr. Morgan led data collection efforts on I-10 and surrounding roadways for the I-10/Loyola Interchange improvements. He organized counting roadways and turning movements using video camera and pneumatic tubes. He also assisted in the collection of speed data using hand-held radar devices. Mr. Morgan helped review crashes associated with the project, analyze crash characteristics, and examine trends in crashes for the study years. He assisted with capacity analysis for existing and future alternative conditions using HCS, Synchro, and Vissim analysis software. Mr. Morgan helped write the reports and prepare appendixes documenting the results.</p>		
10/15-11/16	<p><u>Veterans Stage 0 Traffic Signal Timing and Coordination Study</u></p> <p>The study objective was to reduce delays, lower emissions, improve fuel consumption, and improve safety, while maximizing the progressive movement of traffic through the Veterans Boulevard corridor. Mr. Morgan led the data collection effort which included collecting traffic roadway volumes, turning movement volumes, and vehicle classifications on the study corridor. Seven (7) day, twenty-four (24) hour counts were utilized to identify the proposed signal timing plans by Mr.</p>		

	<p>Morgan. He assisted with the quality assurance/quality control (QA/QC) per USI's QA/QC policy for the traffic counts collected for use in existing and proposed traffic analysis. Mr. Morgan performed site visits at each intersection and performed morning, mid-day and evening travel time runs before and after implementing the signal timing improvements. He also assisted in preparing the reports that documented the improvements for each of the identified performance measures that resulted from the implementation of USIs recommendations.</p>
03/21-01/22	<p><u>North Blvd</u></p> <p>Mr. Morgan was the project manager for a traffic study for enhancing North Blvd from I-110 to Foster St for pedestrians and bicyclists. He led the data collection effort which included 7-day classification counts, 48-hour classification counts, turning movement counts, spot speed studies, and driveway spot counts. He also led the effort collecting safety information from LADOTD crash websites for local and state roads. Mr. Morgan conducted safety analysis to identify the Level of Service of Safety (LOSS) and overrepresented crashes.</p>
12/19-Present	<p><u>Violet Terminal Traffic Study</u></p> <p>The objective of the Violet Terminal Traffic Study was to assess how long the existing traffic network of LA state highways could sustain the additional traffic generated by a new Port terminal located in Violet, LA. Mr. Morgan led in the data collection effort for numerous intersections and roadways using video cameras. Mr. Morgan identified peak hours for the associated traffic network. He also helped in estimating vehicular traffic volumes for years 2028 through 2050. He analyzed signalized intersections with and without improvements, where needed, to mitigate the impacts. Mr. Morgan assisted with report preparation that summarized the objective, methodologies, and findings of the project.</p>
03/16-09/18	<p><u>Future I-49 South Study (Raceland to Westbank Expressway), Stage 1</u></p> <p>The study area spanned US 90 from the Westbank Expressway in Jefferson Parish to Lafourche Parish. Mr. Morgan led the data collection effort which included traffic volume collection, speed studies, and vehicle classification. He performed site investigations and assisted project engineers with development of figures and tables to present the data. He utilized LADOTD's resources and tools during the study phase for analysis of existing conditions.</p>

16. Staff Experience:

Firm employed by:		Providence Engineering and Environmental Group LLC		
Name	Paul Clifton, PWS		Years of relevant experience with this employer	18
Title	Impact Assessment Group Managing Director		Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization:			MS / 1986 / Forestry BS / 1982 / Forestry	
Active registration number / state / expiration date			3326 / LA / 01-09-2026	
Year registered	2012	Discipline	Professional Wetland Scientist	
Contract role(s) / brief description of responsibilities			QA/QC Officer	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage,” “designed girders,” “designed intersection,” etc. Experience dates should cover the time specified in the applicable MPR(s).			
(06/19-Ongoing)	Project Manager: <i>Louisiana Department of Transportation and Development (LADOTD), Belle Chasse Bridge and Tunnel Replacement Project. Jefferson and Plaquemines Parish, LA.</i> As a subconsultant to Traylor Massman - Joint Venture, Providence is providing environmental compliance assistance to the first public/private/partnership transportation project in Louisiana. Providence has developed a Comprehensive Environmental Protection Plan (CEEP) for the project. Providence has also provided Stormwater Pollution Prevention Plans (SWPPP) and Spill Prevention Control/Spill Prevention Control and Countermeasures (SPC/SPCC) plans/guidance and developed training modules for construction personnel regarding sensitive resources. Providence is also providing on-site inspection services throughout the project’s construction cycle. Responsibilities: Project Manager for the environmental compliance component of the project. Assisted the client in environmental training and compliance, assistance with local, state, and federal permitting; sensitive species and wetlands surveys, Stormwater Pollution Prevention and Control Plans, audits, and inspections.			
(2017)	Wetlands Task Manager: <i>Louisiana Department of Transportation and Development (LADOTD), I-10:415 To Essen Lane on I-10 and I-12, State Project No.H.004100.2; Federal Aid Project No.H004100, East and West Baton Rouge Parishes.</i> Managed wetland analysis fieldwork and reporting for a 550-acre corridor for the widening of I-10 and I-12 in East and West Baton Rouge Parishes. Responsibilities: Project oversight, resource allocation, and personnel management.			
(2020)	Project Manager: <i>Coastal Protection and Restoration Authority, West Grand Terre Beach Nourishment and Stabilization Project (BA-0197) Jefferson Parish, LA.</i> Conducted field surveys for nesting birds and/or species of conservation concern for three months during the demolition phase of a beach nourishment project on West Grand Terre Island. Providence biologists coordinated the progress/observations with the US Fish and Wildlife Service, the Louisiana Department of Wildlife and Fisheries, and the CPRA project manager. Responsibilities: Fieldwork, Species Identification, Reporting, Data management.			
(2017)	Project Manager: <i>St. Helena Parish Bridge Replacements, St. Helena Parish Police Jury (Subconsultant to Aucoin & Associates.</i> Wetland delineations, jurisdictional determination requests, and U.S. Army Corps of Engineers Nationwide			

	Permitting for six bridge replacement projects in St. Helena Parish. Responsibilities: Project management, resource allocation, and quality assurance/quality control.
(2016)	Project Coordinator: <i>East Baton Rouge Parish Department of Public Works, Lemon Road Bridge Replacement Project, East Baton Rouge Parish, LA.</i> Wetlands and ecological compliance assistance. Development and submittal of a wetland data report/jurisdictional determination request and Pre-Construction Notification for submittal to the New Orleans District of the U.S. Army Corps of Engineers. Responsibilities: Project oversight and personnel management.
(2016)	Project Coordinator: <i>East Baton Rouge Parish Department of Public Works, East Baton Rouge Parish, LA.</i> Wetlands and ecological compliance assistance for the Nicholson Road Widening Project. Development and submittal of a wetland data report/jurisdictional determination request and Pre-Construction Notification for submittal to the New Orleans District of the U.S. Army Corps of Engineers. Responsibilities: Project oversight and personnel management.
(2016)	Project Coordinator: <i>Sigma Consulting/ Parish of West Feliciana Department of Public Works, West Feliciana Parish, LA. Wetlands</i> and ecological compliance assistance for the Jacock Road Bridge Replacement Project in West Feliciana Parish. Development and submittal of a wetland data report/jurisdictional determination request and Pre-Construction Notification for submittal to the New Orleans District of the U.S. Army Corps of Engineers. Responsibilities: Project oversight, personnel management, and quality assurance/quality control.
Paul Clifton, PWS <i>has been involved with project management and coastal, wetlands, and ecological compliance services since 1991. He is experienced in regulatory compliance needs specific to the energy sector, having managed multiple complex projects for natural gas, crude, and product pipelines as well as facility developments and expansions. Mr. Clifton has managed contracts for coastal restoration projects with the Louisiana Department of Natural Resources and statewide environmental permitting for the Louisiana Department of Transportation and Development, in addition to projects for Louisiana's Coastal Protection and Restoration Authority (CPRA), and other public sector entities.</i>	

16. Staff Experience:

Firm employed by:		Providence Engineering and Environmental Group LLC	
Name	Kerry Oriol	Years of relevant experience with this employer	22
Title	National Environmental Policy Act (NEPA) Project Manager	Years of relevant experience with other employer(s)	11
Degree(s) / Years / Specialization:		BS / 1989 / Fish and Wildlife Biology	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Project Manager	Meets MPR 4
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage,” “designed girders,” “designed intersection,” etc. Experience dates should cover the time specified in the applicable MPR(s).		
(01/20-Ongoing)	Environmental Project Manager: <i>Belle Chasse Bridge and Tunnel Replacement, Plaquemines Parish, LA.</i> The preparation of a Comprehensive Environmental Protection Plan (CEPP) for the implementation of a LA DOTD transportation project. This first in the state plan requested by the LA DOTD involved the preparation of a master document designed to ensure commitments made in project’s Environmental Assessment and permits as well as other applicable environmental regulatory requirements would be met before, during, and immediately after project construction. Multiple individual plans and training modules were developed to be housed within the CEPP with the goal of having no violations of environmental permits, mitigation, commitments, or regulations. Responsibilities: Development of the plan format and content, preparation of multiple sections and training materials, consistency review, and quality review. The plan was completed and accepted by the client and LA DOTD in May 2021 with Providence team members providing construction oversight and inspection that will continue through completion of construction.		
(01/19-Ongoing)	Environmental Project Manager: <i>Mississippi River Bridge GBR: LA 1 to LA 30 Connector, EBR, WBR, Ascension, Iberville, LA.</i> A reevaluation of an existing EA for a LA 1/LA 415 Connector involving a new bridge over the Gulf Intracoastal Waterway, necessary to consider a change in bridge height and relocation of approved right-of-way. Efforts include a vessel study and reevaluation of traffic data to assess design modifications and potential right-of-way modifications. Responsibilities: Management of project schedule, NEPA process and NEPA document revision, including revision of supporting technical studies, coordination with state agencies, environmental, analyses, organization of agency meetings, and development of public information and agency involvement plans.		
(09/11-Ongoing)	Environmental Project Manager: <i>I-49 Inner Connector Stage 1 Environmental Impact Statement, Shreveport, Caddo Parish, LA.</i> Environmental Impact Statement (EIS) and interchange reports for the proposed I-49 Inner City Connector. Project involves all necessary engineering and environmental investigations to obtain environmental clearance on construction of a connector linking the existing I-49 to future I-49 North around Shreveport. Responsibilities: Management of project schedule, NEPA process and NEPA document development, development of the purpose and need statement, environmental and alternatives analyses, environmental justice analysis, organization of agency meetings, public		

	outreach/involvement meetings and materials, development of public information and agency involvement plans, and coordination of public events, development of relocation plan, preparation of decision documents.
(01/17-02/21)	<p>Environmental Project Manager: <i>I-10 Corridor Study: LA 415 to Essen on I-10 and I-12, Stage 1 Environmental Assessment, East and West Baton Rouge Parishes, LA.</i> A study of Interstate 10 (I-10) through Baton Rouge to develop feasible improvements and to obtain an environmental decision to implement improvements to I-10 and I-12 from the LA 415 interchange to the I-10 and I-12 interchanges at Essen Lane. Efforts include the analysis of existing conditions along I-10 along with implementation of various concepts to recommend a preferred alternative. Various concepts include widening existing infrastructure and revising interchanges. Extensive public outreach efforts are also included in this project to ensure public input is received throughout the process. Responsibilities: Management of project schedule, NEPA process and NEPA document development, coordination of all work with six sub-consultants, environmental and alternatives analyses, environmental justice analysis, organization of agency meetings, public outreach/involvement meetings and materials, development of public information and agency involvement plans, and coordination of public events, development of relocation plan, preparation of decision documents.</p>
<p>Kerry Oriol has over 32 years of multidisciplinary experience in the environmental field. She has expertise in project management, NEPA documents and public outreach requirements, including Environmental Impact Statements (EIS), Environmental Assessments (EA), Environmental Assessment Statement (EAS), and Natural Resource Damage Assessments (NRDA), ecological studies and biological assessments, and mitigation planning and implementation for project specific impacts. Ms. Oriol's pre-consulting experience involved working in the former Water Pollution Control Division of the Louisiana Department of Environmental Quality's (LDEQ) Office of Water Resources and as a research associate with Louisiana State University (LSU). Kerry is certified in NEPA and Transportation and Decision-Making Process (NHI Course #142005)</p>	

16. Staff Experience:

Firm employed by:		Providence Engineering and Environmental Group LLC	
Name	Stephanie Perrault, RPA	Years of relevant experience with this employer	<1
Title	Archeologist	Years of relevant experience with other employer(s)	25
Degree(s) / Years / Specialization:		MA / Anthropology BA / Anthropology	
Active registration number / state / expiration date		33714583 / LA / 01-01-2023	
Year registered		Discipline	Registered Professional Archaeologist
Contract role(s) / brief description of responsibilities		Archaeologist (Cultural Resources)	Meets MPR 5
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage,” “designed girders,” “designed intersection,” etc. Experience dates should cover the time specified in the applicable MPR(s).		
(08/21)	Principal Investigator and Author: <i>G.E.C. Inc., West Colyell Creek Stabilization Project Phase I Cultural Resource Assessment Survey, Denham Springs, Livingston Parish, LA.</i> Phase I Cultural Resource Assessment Survey to assess potential impacts to cultural resources within project area. The survey was completed in fulfillment of the requirements of Section 106 of the National Historic Preservation Act (NHPA). The archaeological survey was conducted across 0.75 acre. Fieldwork consisted of pedestrian survey and subsurface testing in the form of the excavation of shovel test pits (STPs).		
(06/22)	Principal Investigator and Author: <i>Jefferson Parish Government, Third Street Drainage Improvements Project Phase I Cultural Resource Assessment Survey, Jefferson Parish, LA.</i> Phase I Cultural Resource Assessment Survey for a proposed drainage improvement project. The goal of this investigation was to determine the presence or absence of cultural resources along Third Street and to assess the potential impacts to any resources present within the project area. The proposed project will consist of the removal and replacement of existing drainage infrastructure, installation of additional components, and adjustments/offsets of existing utilities in some locations. Most direct impacts will occur immediately adjacent to existing roads, sidewalks, and within existing utility easements. The survey consisted of a pedestrian survey conducted across 100 percent of the project area, and subsurface testing in the form of the excavation of shovel test pits (STPs).		
(10/19-01/20)	Principal Investigator and Editor: <i>Tallgrass Energy, St. Rosalie Plantation, Plaquemines Parish, LA.</i> Phase II Site Testing and Associated Cemetery Investigation. The investigation located, evaluated, and recorded all cultural resources within the site, as well as potential cemeteries, and to make an eligibility recommendation for the National Register of Historic Places (NRHP). This fieldwork included shovel testing, mechanical stripping, trenching, test unit excavations, and ground penetrating radar of portions of the project area. The archaeological investigation was focused within a 31-acre area.		
(05/11)	Senior Archaeologist and Author: <i>Air Products and Chemicals, Inc., Gulf Coast Connection Project, Phase I Cultural Resources Negative Findings Report - Additional Survey Areas, Calcasieu, Jefferson Davis, and St. Martin Parishes, LA.</i> Phase I cultural resources survey of seven 7 additional temporary workspace locations, 3 reroutes, and a single access road associated with the Louisiana portion of the Air Products and Chemicals Inc., Gulf Coast Connection Project. During this survey, approximately 33.14 acres of survey area were assessed, and 103 shovel tests were excavated.		

(01/08-02/08)	Senior Archaeologist and Author: <i>Chitimacha Tribe of Louisiana and the New Orleans District, U.S. Army Corps of Engineers, St. Mary Parish, LA.</i> Phase 1 Cultural Resources Survey and Archaeological Inventory of 420.3 ac (170 ha) on Chitimacha Tribally Owned Land. The survey was designed to evaluate all cultural resources (archeological sites, isolated finds, and traditional cultural properties) within the survey area. This investigation included a literature and records review of existing data and fieldwork consisting of both pedestrian survey and the systematic excavation of shovel tests throughout the project area.
(08/99-12/99 and 2008)	Senior Archaeologist and Author: <i>New Orleans District, US Army Corps of Engineers, Angola Plantation I and II Sites Archaeological Data Recovery, West Feliciana Parish, LA.</i> Phase III Data Recovery results are presented. Previous research concluded that both sites were eligible for inclusion in the National Register of Historic Places. The sites would be impacted by a proposed levee enlargement project and the archaeological data recovery was used as mitigation of that impact. Data recovery was restricted to a construction right-of-way. Field techniques used to examine the sites consisted of mechanical stripping, recordation of all exposed features, and the excavation of selected features. A total area of 11,014 square meters was mechanically stripped at the two sites, exposing 341 archaeological features.
(10/01-11/01)	Senior Archaeologist and Author: <i>Louisiana Department of Transportation and Development, Phase I Cultural Resources Investigations of LA 964, Baton Rouge, LA.</i> The proposed project is the reconstruction of LA 964 near the town of Zachary (LA 64 to the East Feliciana Parish Line). The reconstruction roadway will have two, 12-foot travel lanes and shoulders. 11 standing structures were recorded along LA 964. The survey located six archaeological sites all consisting of historic remains dating between the mid-twentieth and early twentieth centuries. State Project Number 019-30-0016.
(09/94)	Senior Archaeologist and Author: <i>Coastal Environments, Inc., Phase II National Register Eligibility Testing at the Sarah Peralta Site, East Baton Rouge, LA.</i> The site is a prehistoric earth midden in southern East Baton Rouge Parish. It was studied primarily through a program of mapping and auguring, and the excavation of two test units.
Stephanie Perrault, RPA has over 25 years of multi-media environmental experience with primary focus on cultural resources. She is Section 106 Certified by the National Preservation Institute. Ms. Perrault excels in cultural resource services with extensive, diverse experience in administering projects for Federal (HUD, USACE, FERC,) State (LADOTD), and private clients. She has managed cultural resource reviews for HUD funded emergency disaster programs, she plans and conducts projects (Phase I, II, and II), and historic structure surveys that comply with all state and federal standards including tracking and quality control while supervising multiple teams. Ms. Perrault is expert in artifact analyses, site mapping, development of research and field design and scopes of work, development of project cost estimates, and the evaluation of resource eligibility for listing in the National Register of Historic Places (NRHP) and state registers of historic properties. She supports clients during agency and tribal consultation, including consultations with State Historic Preservation Officers (SHPO), Tribal Historic Preservation Officers (THPO), Native American Tribes, Advisory Council on Historic Preservation (ACHP), and multiple state, federal, and local agencies. She is well versed in environmental regulatory requirements including NEPA, NRHP, and the Section 106 Process.	

16. Staff Experience:

Firm employed by: Providence Engineering and Environmental Group LLC				
Name	Taylor Simoneaux, CWB, PWS		Years of relevant experience with this employer	7
Title	Environmental Scientist		Years of relevant experience with other employer(s)	1
Degree(s) / Years / Specialization:		MS / 2015 / Forest Resources, concentration in Wildlife Biology BSF / 2012 / Forestry BS / 2012 / Natural Resource Ecology and Management		
Active registration number / state / expiration date		3321 / LA / 12-30-2025		
Year registered	2020	Discipline	Professional Wetland Scientist	
Contract role(s) / brief description of responsibilities		Biologist/Wetlands		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage,” “designed girders,” “designed intersection,” etc. Experience dates should cover the time specified in the applicable MPR(s).			
(07/17-09/17)	Wetlands/Permitting: <i>Louisiana Department of Transportation and Development, Interstate 10 Widening Project, East Baton Rouge and West Baton Rouge Parishes, LA.</i> Conducted a wetland delineation and wetland data report for a proposed Interstate 10 widening project in East Baton Rouge and West Baton Rouge Parishes, LA.			
(02/17-04/17)	Wetlands/Permitting: <i>East Baton Rouge Parish Department of Public Works, Nicholson Drive Improvements, East Baton Rouge Parish, LA.</i> Conducted a wetland delineation project for the extension of Nicholson Drive in Baton Rouge, LA. Prepared a wetland data report/request for preliminary jurisdictional determination for submittal to the USACE New Orleans District.			
(05/16-06/16)	Wetlands/Permitting: <i>I-49 Inner Connector Stage 1 Environmental Impact Statement, Shreveport, Caddo Parish, LA.</i> Conducted a wetland delineation and completed a wetland summary of findings for submittal to the North Louisiana Council of Governments to advise them on regulatory compliance associated with an interstate connection project in Shreveport, LA.			
(03/20-05/20)	Lead Biologist: <i>Coastal Protection and Restoration Authority, West Grand Terre Structure Removal and Demolition, Jefferson Parish, LA.</i> Conducted pre-construction nest searches for shorebirds, wading birds, and other coastal nesting bird species prior to demolition of the Louisiana Department of Wildlife and Fisheries structures on West Grand Terre.			
(10/16-12/16)	Wetlands/Permitting: <i>St. James Parish Government, Barras Road Extension, St. James Parish, LA.</i> Participated in a wetland delineation project for the extension of Barras Road near St. James, LA. Prepared a wetland data report/request for preliminary jurisdictional determination for submittal to the USACE.			
(07/16-12/16)	Wetlands/Permitting: <i>West Feliciana Parish, Department of Public Works, West Feliciana Parish, LA.</i> Participated in a wetland delineation project for the replacement of the Jacock Road Bridge near St. Francisville, LA. Prepared a wetland data report/request for preliminary jurisdictional determination for submittal to the USACE.			

(02/19-11/19)	Project Manager: <i>Coastal Protection and Restoration Authority, Goose Point/Pointe Platte and Bayou Bonfouca Maintenance Project, St. Tammany Parish, LA.</i> Secured the necessary environmental permits for a marsh creation maintenance project.
(05/18-12/18)	Project Manager: <i>Pointe Coupee Parish Police Jury, False River Ecosystem Project, Pointe Coupee Parish, LA.</i> Conducted a wetland delineation, completed a Nationwide Permit 27 permit application, and conducted soil sampling for a proposed False River Dredge project.
(07/17-09/18)	Project Manager: <i>Performance Proppants, LLC, River Ridge Ranch Sand Mining Project, Miller County, AR.</i> Conducted a wetland delineation and threatened/endangered species survey, completed a wetland data report, and secured a preliminary jurisdictional determination, and secured a Section 404 and 408 permit for a sand mining operation. Completed environmental inspections during construction to advise on Best Management Practices.
(02/17-06/17)	Wetlands/Permitting: <i>Bayou Lafourche Freshwater District, Mississippi River Reintroduction into Bayou Lafourche, Assumption and Lafourche Parishes, LA.</i> Conducted a wetland delineation and completed a wetland data report/request for preliminary jurisdictional determination for a proposed Mississippi River reintroduction into Bayou Lafourche.
(03/20-12/21)	Project Manager: <i>Sunny Point Aggregates, LLC, Port Lake Sand Mine, Caddo and Bossier Parishes, LA.</i> Regulatory project manager for creation of an industrial sand mining facility and dredge operation adjacent to the Red River near Shreveport, LA. This included leading a wetland delineation/threatened/endangered species survey, completing a wetland data report/request for preliminary jurisdictional determination, securing Section 408 authorization, Section 10/404 compliance, and managing multiple subcontractors to complete topographic surveys, Phase I archaeological surveys (maritime and terrestrial), geotechnical soil borings, and slope stability analyses.
<p>Taylor Simoneaux, CWB, PWS has worked as an Environmental Scientist with Providence since February 2016. His areas of focus are wetlands, coastal, and ecological regulatory permitting/compliance, threatened and endangered species surveys, wetland delineations, environmental inspections, and project management. His experience in environmental and ecological compliance assistance includes: wetland delineations and reporting; U.S. Army Corp of Engineers (USACE) Section 10/404/408 permitting, Louisiana Department of Natural Resources (DNR) Office of Coastal Management (OCM) Coastal Use Permitting; FEMA Floodplain Permitting; U.S. Fish and Wildlife Service (USFWS) Section 7 consultations; State Historic Preservation Office (SHPO) Section 106 consultations; Environmental Inspections per standard Best Management Practices (BMPs) and Federal Energy Regulatory Committee (FERC) Plans and Procedures, and many local/Parish/municipal permitting requirements. He is actively involved in all phases of environmental permitting/compliance and project management for clients in industrial, commercial, governmental, and private sectors. Taylor has also completed Richard Chinn Environmental Training, 38-Hour USACE Wetland Delineation Training Program.</p>	

16. Staff Experience:

Firm employed by:		Providence Engineering and Environmental Group LLC		
Name	Tanner Jones		Years of relevant experience with this employer	5
Title	GIS Manager		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization:			BS / 2016 / Natural Resource Ecology and Management	
Active registration number / state / expiration date			4206841 / LA / 12-31-2022	
Year registered	2018	Discipline	FAA Part 107 Remote Pilot	
Contract role(s) / brief description of responsibilities			GIS Analyst	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract, <i>i.e.</i> , “designed drainage,” “designed girders,” “designed intersection,” etc. Experience dates should cover the time specified in the applicable MPR(s).			
(10/19-03/20)	GIS Specialist: <i>Enterprise Products Company, Statewide, Coastal LA.</i> Performed a desktop analysis for Enterprise Products pipeline assets in Louisiana’s Coastal Zone to evaluate potential environmental permitting needs based on a variety of environmental spatial datasets. Responsibilities: Data management, desktop spatial analysis, reporting.			
(03/20-04/20)	Drone Pilot: <i>Coastal Protection and Restoration Authority, West Grand Terre Beach Nourishment and Stabilization-Structure Demolition and Removal Project, Jefferson Parish, LA.</i> Flew unmanned aerial vehicle to document pre-project site conditions. Responsibilities: Drone flight planning, remote piloting, data management.			
(07/19)	GIS Specialist: <i>Cheniere Environmental Consulting, LLC, St. Bernard and Orleans Parishes, LA.</i> Created maps and figures for a biological assessment pertaining to two Marsh Creation Projects around Lake Borgne with CPRA. Responsibilities: Data management, creation of figures necessary for biological assessment.			
(03/21-05/21)	Wildlife Biologist/GIS Specialist: <i>Kinder Morgan, Multiple Mississippi and Alabama Counties, MS, and AL.</i> Conducted Gopher Tortoise Burrow surveys across multiple pipeline systems for over 300 miles of pipeline ROW, as well as coordinated and managed data collection across field personnel and maintained progress tracking via an online project-specific GIS dashboard. Responsibilities: Fieldwork, reporting, data management, figures.			
(08/20-Ongoing)	Wildlife Biologist/GIS Specialist: <i>Traylor Bros. Inc. LLC, Belle Chasse Bridge and Tunnel Replacement, Plaquemines and Jefferson Parishes, LA.</i> Performed field inspection for wetland impacts and migratory bird habitat around bridge structure. Created maps and figures for a Storm Water Pollution Prevention plan. Responsibilities: Data management, creation of figures.			
(06/20-Ongoing)	GIS Specialist: <i>Atlas Technical Consultants, LLC, Mississippi River Bridge GBR: LA 1 to LA 30 Connector, Ascension, Assumption, and East Baton Rouge Parishes, LA.</i> Created various figures for a study of LA 1/LA 30 Connector project for DOTD looking at a route for a new Mississippi River crossing around Baton Rouge, Louisiana. Created a common spatial data portal for coordination and facilitation of project data across multiple firms working on study. Responsibilities: Data management, figures.			

(04/20-Ongoing)	GIS Specialist: <i>LA DOTD, LA 1/LA 415 Connector, West Baton Rouge Parish, LA.</i> Created various figures for an LA 1/LA 415 Connector involving a new bridge over the Gulf Intracoastal Waterway. Evaluated environmental, social, and cultural constraints. Responsibilities: Data management, creation of figures, identification of key constraints.
<p>Tanner Jones is a GIS Manager/Specialist with seven years of experience. Since joining Providence in 2017, Mr. Jones has assisted with the data collection and spatial components of projects across all Providence service lines, ranging from basic data collection and figure production for permit applications to custom GIS-based solutions for automated business processes. Mr. Jones is proficient with a variety of GIS solutions, including mapping, data management, online and mobile based application development for data communication or collection, and geospatial analysis or desktop surveys. In addition to supporting the GIS needs of Providence and its clients, Mr. Jones also holds a small unmanned aerial vehicle operator certification with the Federal Aviation Administration. He has flown drone missions for a variety of projects including structural inspections, site mapping, environmental surveys, project documentation, permit compliance, and site monitoring. Tanner has completed the Richard Chinn Environmental Training, 38-Hour USACE Wetland Delineation Training Program.</p>	

17. Firm Experience:

Firm name	Shread Kuyrkendall & Associates, Inc.	Past Performance Evaluation Disciplines *	Road
Project name	MRB SOUTH GBR: LA 1 TO LA 30 CONNECTOR		Firm responsibility (prime or sub?) sub
Project number	H.013284	Owner's name	LADOTD
Project location	Ascension, East Baton Rouge, Iberville, and West Baton Rouge Parishes	Owner's Project Manager	Mr. Paul Vaught, P.E.
Owner's address, phone, email	P.O. Box 94245, Baton Rouge, LA 70804 / 225-379-1816 / paul.vaughtiii@la.gov		
Services commenced by this firm (mm/yy)	Ongoing	Total consultant contract cost (\$1,000's)	N/A
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$221

This was an Environmental, Line and Grade, Enhanced Planning Investigation (EPI)

The Louisiana Department of Transportation and Development (DOTD) in conjunction with the Federal Highway (FHWA) is conducting an Enhanced Planning Investigation (EPI) of a new crossing of the Mississippi river connecting LA 1 on the west side of the river to LA 30 on the east side of the river. The goal is to identify feasible corridor alternatives that best meet the purpose and need of the transportation improvement while preserving existing resources and could be advanced into DOTD's Project Delivery Process.

Shread-Kuyrkendall & Associate was tasked with providing the roadway alignments/Line and Grade Study (32 originally) that met the purpose and need. The team prepared a comparative matrix to present to the public that was pared down to three alignments to be moved forward.



Firm Members Involved:

Ripley "Gary" W. McClure, P.E. (Engineering Supervisor/Line & Grade)

John P. Raymond, P.E. (Road Design)

Nicola D. Gill, P.E. (Road Design)

100% of work was performed in Louisiana

17. Firm Experience:

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

This project included plans for a brand new I-10 interchange at Pecue Lane and reconstruction of a higher capacity Pecue Lane from south of US 190 to Perkins Road. **SKA provided engineering support from the very beginning of the environmental/ NEPA process, coordinated between all pertinent agencies and consultants. SKA investigated several design alternatives, alignments, and provided line and grade layouts for all alternatives considered. SKA attended several public meetings and was a major player and intricately involved in seeing the NEPA process to its successful completion. A final public hearing was required at the end of the NEPA process to ensure compliance with all environmental requirements.** This large scale and very public and high profile project was ultimately broken into three phases to jump start the project in construction and provide more manageable construction funding. SKA managed the project and led the design team to successfully meet a shortened design schedule. In the end, the project consisted of **six** bridges, Mechanically Stabilized Earth (MSE) Retaining Walls, four interstate ramps and a six lane urban arterial section (Pecue Lane) with a Rieger Road connector. This interchange is currently in construction and will be a Diverging Diamond Interchange (DDI), an innovative approach in interchange design. The Pecue Lane DDI provides a higher level of operational efficiency and is a safer alternative to a conventional diamond interchange. It will consist of three thru lanes in each direction with raised medians and sub-surface drainage.



Firm Members Involved:

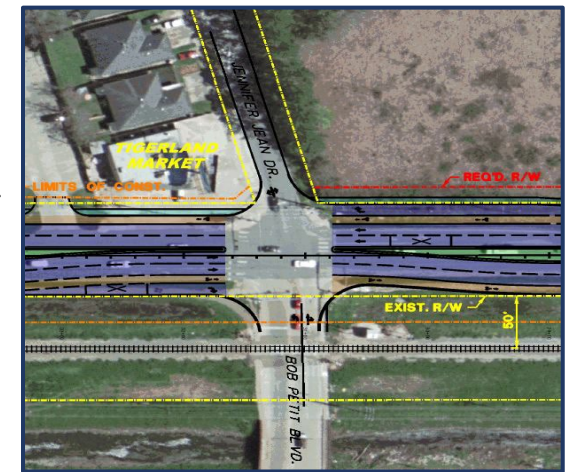
Richard R. Shread, P.E., P.L.S. (Project Supervisor)
Ripley "Gary" W. McClure, P.E. (Engineering Supervisor/Bridge Design)
John P. Raymond, P.E. (Project Manager/Road Design)
Niccola D. Gill, P.E. (Environmental/Hydraulics)

100% of work was performed in Louisiana

17. Firm Experience:

Firm name	Shread-Kuyrkendall & Associates, Inc.		Past Performance Evaluation Discipline(s)*	Planning/Environmental
Project name	Nicholson Dr. (LA 30) Segment 1 (Brightside to South Gourrier)		Firm responsibility (prime or sub?)	Prime
Project number	H.002825	Owner's name	East Baton Rouge City-Parish	
Project location	East Baton Rouge Parish, Louisiana		Owner's Project Manager	Tom Stephens, P.E.
Owner's address, phone, email	P.O. Box 1471, Baton Rouge, LA 70821 / (225)389-3186 / tstephens@brla.gov			
Services commenced by this firm (mm/yy)	10/12	Total consultant contract cost (\$1,000's)		\$ 460
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$ 231

This project included an environmental analysis, evaluation, and documentation of the socio-economic and environmental impacts of three (3) possible alternatives as well as a no-build alternative for the widening of Nicholson Drive (LA 30). The existing roadway is an urban two-lane asphalt roadway with asphalt shoulders and mostly open ditch with some subsurface storm water drainage. A railroad track west of Nicholson Drive runs parallel for the entire length of the project restricting ROW. In addition to the railroad, there is a multi-use path that runs west of Nicholson Drive. The project length was approximately 5,690 feet. The purpose and need was developed to address existing and future capacity deficiencies along Nicholson Drive (LA 30) at a point 500 feet north of West Lee Drive/Brightside Lane and 400 feet south of Gourrier Avenue in the City of Baton Rouge, East Baton Rouge Parish. Various alternatives were studied during the development of the **Environmental Assessment (NEPA)** of this project. The most reasonable and practicable alternative was selected based on the purpose and need, acceptable cost, and environmental impact, and public input. The objective was to provide a line and grade study and detailed planning and environmental analysis that resulted in the documentation of an environmental decision. Four build alternatives



for the proposed widening of Nicholson Drive were developed through this process.

Firm Members Involved:

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

100% of work was performed in Louisiana

17. Firm Experience:

Firm name	Shread-Kuyrkendall & Associates, Inc.	Past Performance Evaluation Discipline(s)*		Road/Bridge
Project name	Central Thruway & Bridges		Firm responsibility (prime or sub?)	Prime
Project number	97-CS-HC-0015	Owner's name	East Baton Rouge City-Parish	
Project location	East Baton Rouge Parish		Owner's Project Manager	Tom Stephens
Owner's address, phone, email	P.O. Box 1471, Baton Rouge, LA 70821 / (225)389-3189 / tstephens@brla.gov			
Services commenced by this firm (mm/yy)		11/97	Total consultant contract cost (\$1,000's)	\$ 5,400
Services completed by this firm (mm/yy)		05/13	Cost of consultant services provided by this firm (\$1,000's)	\$ 5,162

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

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



Firm Members Involved:

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

17. Firm Experience:

Firm name	Shread-Kuyrkendall & Associates, Inc.	Past Performance Evaluation Discipline(s)*	Environmental/Road
Project name	LAPALCO BOULEVARD WIDENING – BARATARIA BOULEVARD TO DESTRAHAN AVENUE	Firm responsibility (prime or sub?)	Prime
Project number	742-26-0028	Owner's name	Jefferson Parish
Project location	Jefferson Parish	Owner's Project Manager	Mark Drewes
Owner's address, phone, email	Joseph S. Yenni Building 1221 Elmwood Park Blvd., Suite 904 Jefferson, LA 70123/ (504) 736-6783/ JPPW@jeffparish.net		
Services commenced by this firm (mm/yy)	04/1998	Total consultant contract cost (\$1,000's)	\$ 1,119
Services completed by this firm (mm/yy)	05/2005	Cost of consultant services provided by this firm (\$1,000's)	\$ 1,119

Shread-Kuyrkendall & Associates was tasked with providing an Environmental Assessment and clearance for widening the Lapalco Boulevard from Barataria Boulevard to Destrehan Avenue.

Once clearance was received, SKA provided surveying and design plans for the project. This project had a construction cost of ~\$9,540,000.00.

Firm Members Involved:

Richard R. Shread, P.E., P.L.S.(Principal)

Ripley "Gary" W. McClure, P.E.(Project/Design Engineer)

100% of work was performed in Louisiana

17. Firm Experience:

Firm name	Urban Systems, Inc	Past Performance Evaluation Discipline (s)*	Traffic
Project name	US 90 (I-49 South) Albertson's Parkway to Ambassador Caffery Design / Build	Firm responsibility (prime or sub?)	Sub
Project number	SP H.010620	Owner's name	LADOTD
Project location	Lafayette Parish, LA	Owner's Project Manager	Peggy Jo Paine, P.E.
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, Louisiana, 70802, 225-379-1065, peggy.paine@la.gov		
Services commenced by this firm (mm/yy)	01/14	Total consultant contract cost (\$1,000's)	n/a
Services completed by this firm (mm/yy)	08/19	Cost of consultant services provided by this firm (\$1,000's)	\$232.6K

Urban Systems, Inc. was part of the Design/Build team under the engineering task for this project. The project included upgrading a portion of US 90 from a four-lane facility to a six-lane facility with controlled access. The project also included providing a system of frontage roads to provide connectivity. Urban Systems was responsible for a variety of tasks including developing a signage plan, traffic signal plans, temporary traffic control plans (TCDP), traffic analysis and a Level 3 Traffic Management Plan (TMP) based on LADOTD EDSM VI.1.1.8.

Signage and Traffic Signal Plans

As part of the definitive design portion of this project, USI developed signage and traffic signal plans based on LADOTD requirements. The traffic signal plans were also developed in the latest LADOTD TSI format. These plans were updated during the construction phase of the project as unforeseen issues arose. USI worked closely with the contractor, team members and local entities throughout the construction phase.

Temporary Traffic Control Plans (TCDP)

Temporary traffic control plans were developed for the various phases of construction. These plans also included temporary traffic signals for some of the phases. These plans were developed to meet the current LADOTD standards. Additional traffic control plans were developed during the construction phase of the project as required by the contractor. Some of these plans involved complicated detours and devices to maintain access while completing construction.



Firm Members
Involved:
N. Stewart
A. Michel
M. Morgan

Traffic Study and TMP

Traffic analysis was conducted during the project to determine the impact construction and the proposed configuration would have on traffic conditions. Traffic volumes were re-routed for each phase on construction and capacity analysis was conducted for each scenario.

A safety analysis was prepared for the study US 90 roadway segment, LA 182-roadway segment, and the US 90 at Albertsons Parkway/St. Nazaire Road intersection based on the guidelines set forth by LADOTD in *Part III: Guidelines for Conducting a Safety Analysis for Transportation Management Plans and Other Work Zone Activities, May 2013*. The purpose of this analysis was to assess the safety impacts of the construction activities within the project area and mitigate the impact on the state highway. Mitigation strategies were also identified to minimize work zone impacts for incident management to increase construction zone safety.

17. Firm Experience:

Firm name	Urban Systems, Inc.	Past Performance Evaluation Category(ies)*		Traffic	
Project name	DeRidder ByPass US 171 Realignment Stage 0 Feasibility Study			Firm responsibility (prime or sub?)	Sub
Project number	SP 700-99-0440 TO 701-65-1057			Owner's name	LADOTD
Project location	DeRidder,LA Beauregard and Vernon Parishes		Owner's Project Manager		
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, Louisiana, 70802, 225-379-1989				
Services commenced by this firm (mm/yy)	12/08	Total consultant contract cost (\$1,000's)			n/a
Services completed by this firm (mm/yy)	12/10	Cost of consultant services provided by this firm (\$1,000's)			\$93.1K

Urban Systems was a sub-consultant to Shread Kuyrkendall on this project which investigated the potential realignment of US 171 around the City of DeRidder to reduce traffic congestion and volume along existing local streets within the city as well as along the existing US 171 route. The conceptual route of the US 171 realignment would reroute US 171 near LA 112 in Beauregard Parish and connect it to the existing US 171 route near or in Vernon Parish, approximately 2.5 to 4 miles north of the intersection of US 171 and US 190.

The traffic study scope of work included:

- Data Acquisition

- collected twenty-four (24) hour average daily traffic (ADT) counts and traffic turning movement counts within the study area at over thirty (30) locations.

- Trip Generation, Traffic Assignments and Forecasting

-determined trip generations, traffic assignments, and forecast future traffic volume demands for the following scenarios. 2008 Base Year / 2030 No Build Alternative / 2030 Build Alternative

- TRANSCAD models for the build and no build scenarios were run to produce Average Daily Traffic Volumes (ADTs). USI utilized the model output to develop AM and PM turning movement projections for the subject intersections. These represented the design year peak hour volumes.

- Intersection Analysis was conducted using Highway Capacity Software to evaluate the operation of the various alternatives (HCS)

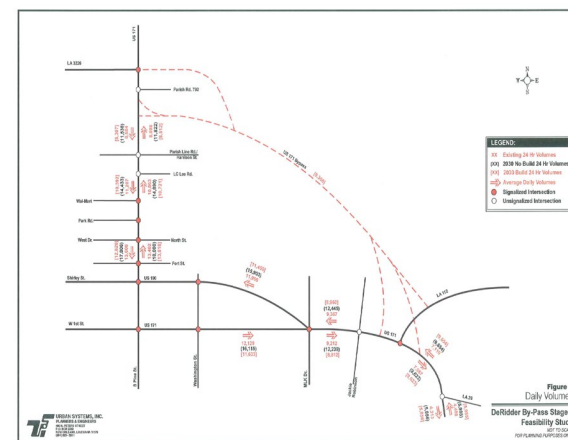
Firm Members

Involved:

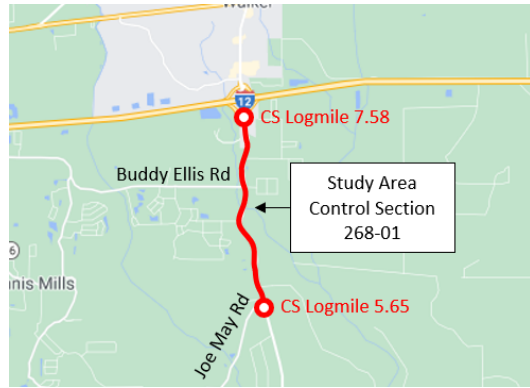
A. Michel

N. Stewart

- Public Outreach was a key element of this project to get feedback from the local officials and the community regarding the various alternatives and their potential impacts.



17. Firm Experience:

Firm name	Urban Systems, Inc.			Past Performance Evaluation Category(ies)*		Traffic	
Project name	LA 447 Corridor Study				Firm responsibility (prime or sub?)		Sub
Project number	H. 005734.2				Owner's name	LADOTD	
Project location	LA 447, Livingston Parish, LA				Owner's Project Manager		Ryan Morvant
Owner's address, phone, email	1201 Capital Access Rd., Baton Rouge, LA 70802, 504.379-1067						
Services commenced by this firm (mm/yy)	05/21	Total consultant contract cost (\$1,000's)					n/a
Services completed by this firm (mm/yy)	05/22	Cost of consultant services provided by this firm (\$1,000's)					\$103K
<p>This project was the Traffic Engineering portion of a Stage 1, Environmental Assessment for improvements to LA 447 from north of Interstate 12 (I-12) to LA 16. The existing corridor included a two-lane section from I-12 to just south of Joe May Rd. Previous studies identified potential capacity improvements; therefore, the focus of the traffic study was safety. A change in the roadway classification, however, required a re-evaluation of the proposed three-lane section south of Buddy Ellis Road.</p> <p>Crash reports were obtained from the LADOTD database for a three-year period (2017-2019). The crash reports were reviewed and discrepancies between the report, narrative and drawing were corrected in the LADOTD CatScan Tool. In addition to correcting crash report information, a summary of crash narratives and collision diagrams were prepared. Crash characteristics including type of collision, time of day, severity, roadway and lighting conditions were compared to statewide averages to assist in identifying trends. A combined review of the crash reports, CatScan outputs, crash narratives and collision diagrams were utilized to identify any existing safety issues along the corridor.</p> <p>In addition to the existing safety analysis, three phases of the preferred alternative for the project were evaluated for their individual safety benefits. The phases of construction included constructing a three-lane section, constructing a roundabout and constructing a four-lane divided section. The predictive method was used per the Highway Safety Manual to estimate the crashes with and without proposed improvements. Where alternative intersection configurations were proposed, crash modification factors were used to estimate how the number of crashes would change. The findings of the existing safety analysis and evaluation of the preferred alternative were summarized in a report.</p>							
							
<div>Firm Members Involved: N. Stewart A. Weeks A. Michel</div>							

17. Firm Experience:

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

Firm name	Providence Engineering and Environmental Group LLC		Past Performance Evaluation Discipline(s)*	Environmental
Project name	LA 1/ LA 415 Connector		Firm responsibility (prime or sub?)	Prime
Project number	State Project No. H.005121	Owner's name	Louisiana Department of Transportation and Development (DOTD)	
Project location	West Baton Rouge Parish, LA		Owner's Project Manager	Anna Hanks
Owner's address, phone, email	PO Box 94245, Baton Rouge, LA 70802; (225) 379-1726; anna.hanks@la.gov			
Services commenced by this firm (mm/yy)	12/16	Total consultant contract cost (\$1,000's)		\$260
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$234

An environmental assessment (EA) with Finding of No Significant Impact (FONSI) was approved in 2007 for a new connector roadway between LA 1 and LA 415 with a new high bridge over the Intracoastal Canal. Due to the length of time and regulation changes since the original FONSI was issued, a written reevaluation of the EA and previously issued FONSI is required. The scope of services will include a vessel survey to determine if a lower bridge height at the Intracoastal Canal would be possible to decrease the angle and grading of the approaches, as well as a written reevaluation of the 2007 EA/FONSI to assess its validity by evaluating any changes which may have occurred in either the project's concept, affected environment, or laws and regulations. Preparation of the written reevaluation shall be in accordance with the NEPA, the FHWA Technical Advisory (TA) 6640.8a, the current transportation plan in MAP-21, applicable rules, laws, guidance, and regulations, and other applicable federal and DOTD publications. The 2007 EA included technical studies that will also require reevaluation, including but not limited to: Wetland Finding, Phase I Environmental Site Assessment, Phase I Cultural Resources Survey Reports, and Conceptual Stage Relocation Plan. Depending on the findings of the reevaluation, the Consultant shall either update the dates of the 2007 FONSI or prepare/submit a new FONSI to FHWA for approval.

TEAM MEMBERS:

Kerry Oriol
Paul Clifton, PWS
Tanner Jones
 Amelia Adams
 Emily Foster

17. Firm Experience:

Firm name	Providence Engineering and Environmental Group LLC		Past Performance Evaluation Discipline(s)*	Environmental
Project name	Belle Chasse Bridge and Tunnel Replacement		Firm responsibility (prime or sub?)	Prime
Project number	State Project No. H.0044791	Owner's name	Louisiana Department of Transportation and Development (DOTD)	
Project location	Plaquemines Parish, LA		Owner's Project Manager	Traylor - Massman, Joint Venture (contractor): Brian Fitzsimmons
Owner's address, phone, email	9270 Siegen Lane, Suite 404 Baton Rouge, LA 70810; (225) 768-8811			
Services commenced by this firm (mm/yy)	02/20	Total consultant contract cost (\$1,000's)		\$162,000
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$1,168

The Belle Chasse Bridge and Tunnel Replacement Public-Private Partnership Project is designed to improve connectivity of the Belle Chasse Highway (LA 23) from Lapalco Blvd/Behrman Hwy (LA 428) in Jefferson Parish to Woodland Hwy (LA 406) in Plaquemines Parish. This project will maintain or improve modal interrelationships between vehicular traffic on LA 23 and maritime traffic in the GIWW. Specific improvements include replacement of existing Belle Chasse Tunnel and vertical lift Judge Perez Bridge crossing the GIWW with a new mid-rise fixed span four-lane bridge and ancillary connector roadways. Providence is providing multimedia environmental compliance and training assistance during the project, including preparation of a Comprehensive Environmental Protection Plan (CEPP). Services provided will include wetland delineations, USACE and coastal use permitting assistance, protected species surveys and reporting, construction SWPPP (Stormwater Pollution Prevention Plan), SPCC (Spill Prevention, Control, and Countermeasure) Plan, environmental compliance training, and Phase I ESAs (Environmental Site Assessments).

TEAM MEMBERS:

Kerry Oriol
Paul Clifton, PWS
Tanner Jones
Taylor S., PWS, CWB
 Chris Cortez
 Chris Coyne
 CJ Franklin, Jr.
 Devon Ducote
 Wren Vicknair
 Yvonne Baker

17. Firm Experience:

Firm name	Providence Engineering and Environmental Group LLC			Past Performance Evaluation Discipline(s)*	Environmental
Project name	Mississippi River Bridge GBR: LA 1 to LA 30 Connector			Firm responsibility (prime or sub?)	Sub
Project number	State Project No. H.013284	Owner's name	Louisiana Department of Transportation and Development (DOTD)		
Project location	EBR, WBR, Ascension, Iberville, LA			Owner's Project Manager	Atlas Technical Consultants, LLC (Prime): Kara Moree
Owner's address, phone, email	8440 Jefferson Hwy Suite 400, Baton Rouge, LA 70809; (225) 281-0653; kara.moree@oneatlas.com				
Services commenced by this firm (mm/yy)		01/19	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$179

This project includes an Enhanced Planning investigation with the ultimate objective to construct a new crossing of the Mississippi River. The connector shall be located north of the LA 70 "Sunshine" river crossing and south of the I-10 river crossing. The connector shall connect to LA 1 on the west side of the river and to LA 30 on the east side of the river. Providence, as a subconsultant to Atlas Technical Consultants, LLC, is providing environmental services that include identifying the preliminary purpose and need (P&N), revising, submitting and updating P&N; permitting agency coordination; reviewing of studies and plans for data gaps; GIS figures; identifying corridors that meet P&N; identifying alternative boundaries; developing/submitting Environmental Screening methodology; compiling environmental inventory for alternatives for use in narrowing alternatives; support outreach and engagement overview, providing appropriate input for the CARB-D website, developing a draft Final Report for Phase I, addressing comments from Phase I, preparing materials and attending agency brief meetings/focus group meetings, and public meetings.

TEAM MEMBERS:

Kerry Oriol
Paul Clifton, PWS
Tanner Jones
 Amelia Adams

18. APPROACH AND METHODOLOGY:

INTRODUCTION

Shread-Kuyrkendall & Associates (SKA) team of Urban Systems, Inc (USI) and Providence Engineering and Environmental Group, LLC (Providence), bring over 30 years of successful DOTD experience and have worked closely with LADOTD on Realignment Projects and have recently completed the Pecue Lane Interchange that included realignment of the roadway crossing I-10 in Baton Rouge. This alignment took into consideration, 1) Line and Grade with multiple alternatives, 2) Wetland Impacts, 3) Environmental Justice, 4) Environmental Impacts, 5) Traffic Analysis to determine lane configuration/intersections, 5) Stakeholder/Agency Input, 6) Railroad Crossing Coordination/permit, 7) Public Meetings, and 8) a Public Hearing. Our proposed Project Manager, R. Gary McClure was the Project Manager for all phases of the project with John P. Raymond serving as the Project Engineer for the roadway design, plan preparation, and coordination with sub-consultants.

UNDERSTANDING

The proposed St. Nazaire Rd. Ext. (LA 96 to Corne Rd.) purpose is to provide additional connectivity to relieve congestion at the intersection of LA 96 & LA 182. This St. Nazaire Rd. Ext. will improve the Level of Service (LOS) at the intersections of LA 96 and LA 182. Being a new alignment, SKA and Team have provided design services on multiple projects of similar scopes with line and grade studies, environmental, and traffic analysis and will bring that experience to this project which will be an asset for a fast and comprehensive delivery process with a high level of QC/QA.

PROJECT CHALLENGES

Having coordinated with the KCS railroad for the Pecue Lane Project, SKA is very familiar with the requirements the railroad companies have with at grade crossings. Early coordination with railroad is critical to maintaining a project schedule. Another important aspect is coordination with local agencies (MPO) and the public to present an accurate assessment of the impact and resulting improvements that will benefit the area.

APPROACH AND METHODOLOGY

PLANNING

Part I: Line and Grade Study - Once design criteria have been established, SKA will begin Line and Grade Studies considering and minimizing impacts to 1) environmentally sensitive areas, 2) environmental justice areas, 3) major utility conflicts, 4) major drainage structures, and 5) safety constraints such as sight distance etc. These Line and Grades will be developed using Access Management, Complete Streets, and DOTD requirements and manuals.

As part of the Line and Grade Studies, SKA will include: design criteria, typical roadway sections, lane configuration with the assistance of Urban Systems, vertical and horizontal geometry, cost estimates, and estimated right-of-way required.

The Line and Grade alignments will be adjusted after agency review and a constructability review.

Our Team Advantage

Our proposed team members for this project are Urban Systems, and Providence Engineering of which both firms were sub-consultants with SKA on the Pecue Lane Project providing Traffic Analysis/Design and Environmental Services respectively. These firms were heavily involved with SKA for Public Meetings and the Final Public Hearing.

Part II: Traffic Study- Our team member, Urban Systems, Inc. (USI) will follow the guidelines defined in the Traffic Engineering Process and Report (TEPR), Complete Streets Policy, Engineering Directives and Standards Manual (EDSM), the Highway Safety Manual (HSM), DOTD's Design Guidelines, and any other design manuals and guidelines that are appropriate for this study. A TEPR compliant study will be conducted in accordance with the RFP and EDSM VI.1.1.2 to support all aspects of preliminary engineering and design services for the project.

USI will establish a Study Scope and Methodology by having detailed discussions with the DOTD Project Manager, Traffic Engineering Section, and the District 03 office to establish the goals and objectives. The scope shall include all data collection and analysis needed for the traffic study and the Transportation Management Plan (TMP). USI collects traffic volumes and other related data using in-house equipment based on extensive experience and tightly refined processes to obtain the highest level of confidence in the data that will be used. This opportunity to carefully examine data collection requirements and quality control has been a successful part of previous collaborations between S-K and USI. It is anticipated that the traffic study will provide Intersection Control Evaluation level analysis for the termini intersections of the potential realignment of LA 182 with the proposed widening and extension of St. Nazaire. LA 182 is a primary route utilized for commuters between New Iberia, Broussard and Lafayette and USI staff is intimately familiar with this area having been part of the Design Build team for the interchange at Albertson's Parkway which is the hub of access in the area. The USI experience and familiarity will provide an advanced level of understanding of the traffic patterns and impact of the various alignment alternatives and phased approach to expanding the roadway network.

USI will coordinate with the Acadiana MPO on estimating a growth rate to be used and also for the estimation of traffic volumes for the proposed widening, extensions and potential access road connecting St. Nazaire to Lake View Drive. USI will pull crash data and clearly define existing and future operational and safety conditions that will be used as the basis for development and comparison of alternatives. HCS7 software will be used for operational analysis of existing and no-build conditions. This will include multi-period analysis of all signalized intersections. USI staff has been trained in multi-period analysis using HCS and understands the precision needed for this study.

Safety analysis will be performed per the agreed upon scope and results will be reviewed and interpreted to summarize conditions that are contributing to any identified safety issues. USI will meet with the DOTD PM, headquarter Traffic Engineers and District 03 Traffic Engineers as needed to present initial findings and discuss Existing and No Build, safety and/or capacity issues, present high-level alternatives, and address issues identified in the Tier 1 results according to the TEPR deliverable and meeting guidelines. This will aid in ensuring that alternative improvements addresses DOTD's goals for the project and USI's extensive experience in the TEPR process and deliverables will expedite the review process. S-K and USI will collaborate on alternatives and establishing the critical geometry that S-K will design per the Design Guideline Report that will be prepared. The Tier 2 Alternative Analysis will be summarized in a Comparative Evaluation Matrix using mutually agreed upon weighting factors. The final report for review, comment, and approval will have the quality control and quality assurance of a team of S-K and USI seasoned professionals that have delivered numerous studies and designs to meet or exceed DOTD expectations in the past. Many of our team's projects have gone onto construction to now provide safe and efficient travel for Louisiana residents.

Part III: Environmental Analysis and Documentation – Providence will prepare an EA in accordance with the National Environmental Policy Act (NEPA) and the FHWA regulations and guidelines. Our Team has a complete understanding of this environmental process and a wealth of knowledge on the Stage 1 EA process and LA DOTD requirements. Our Team is exceptionally qualified to complete this project in a timely manner to help determine the most viable alternative for this corridor. These projects begin by understanding the limits of the proposed improvements as well as the need to assess conditions beyond those limits. Providence is familiar with the project area and is prepared to utilize all available sources to compile a comprehensive GIS database of environmental features and issues of potential concern for use in thoroughly assessing the environmental impact of the proposed improvements. The team will build upon information and concerns gathered during Solicitation of Views from project stakeholders. In addition, Providence is cognizant of local business owner concerns regarding potential loss of access as well as various safety concerns. Providence will continue the dialogue initiated by LA DOTD with interested stakeholders and ensure their concerns are taken into consideration as alternatives are refined and the project moves through the NEPA process. Further, Providence will refine the Purpose and Need as necessary.

Providence's strongest attribute is its environmental capability and its ability to perform and document, in house, all Phase 1 site assessments and biological assessments, including Threatened and Endangered Species evaluations. This includes the identification and preparation of all regulatory permits required by the proposed action. The existence of, and potential impacts to, culturally and historically significant features will be documented by **Providence** as part of a Phase 1 Cultural Resources Survey; while socio-economic conditions will be assessed and documented in accordance with Title VI of the 1964 Civil Rights Act and Executive Order 12898. Providence understands the importance of quality NEPA documents. We define a quality document as one that balances compliance with regulatory requirements in a concisely written, well organized, easy to read format. Providence will work with the Department to establish a project-specific format that will meet the needs of not only the regulatory agencies, but also the public. Comments from the LA DOTD Environmental Section will be addressed prior to public distribution of the draft document.

19. Workload:

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
Shread-Kuyrkendall & Associates, Inc.	Survey, Road, Bridge	S.P. No. H.009266	I-10 (LA 73 to LA 30) Route I-10, Ascension Parish	\$ 238,514
Shread-Kuyrkendall & Associates, Inc.	Survey, Road, Bridge	S.P. No. H.004435	I-12 to Bush, LA 3241 (LA 36 – LA 435), St. Tammany Parish	\$ 91,052
Shread-Kuyrkendall & Associates, Inc.	Road	Contract 4400013245 T.O. H.009266.5	IDIQ Contract for Design of Safety Projects I-10 Ramps (LA 73 to LA 30)	\$ 152,881
Shread-Kuyrkendall & Associates, Inc.	Road, Bridge	S.P. No. H.010155	US 90 Railroad Overpass	\$ 577,114
Shread-Kuyrkendall & Associates, Inc.	Bridge	H.011152	I-12 Widening (sub to T. Baker Smith)	\$ 5,457
Shread-Kuyrkendall & Associates, Inc.	Road, Bridge	H.000710.6	Comite River Diversion Bridge at LA 964	\$ 75,360
Providence Engineering and Environmental Group LLC	CE&I/OV Road	H.006538.6	Lafayette Consolidated Government (LCG) Sidewalks, Safe Route to School Project (SRTS) Lafayette Parish, LA: IDIQ Contract for CE&I Services (SPN H.006538.6) (Contract No. 4400015488)	\$293,032
Providence Engineering and Environmental Group LLC	CE&I/OV Road	H.010108.6	Independence SRTS-Phase II, Tangipahoa Parish: IDIQ Contract for CE&I Services (SPN. H. 010108.6) (Contract No. 4400015488)	\$161,693
Providence Engineering and Environmental Group LLC	CE&I/OV Road	H.014579.6	FYA Signal Improvement (LCG) Lafayette Parish: IDIQ Contract for CE&I Services (SPN H.014579.6) (Contract No. 4400015488)	\$142,790
Providence Engineering and Environmental Group LLC	CE&I/OV Road	H.004634	IDIQ Contract for Construction Engineering TASK 1 Management and Staff Augmentation Services for District 62 St. Helena, Livingston, St. John, St. Tammany, Tangipahoa, and Washington Parishes	\$1,138,708

Providence Engineering and Environmental Group LLC	CE&I/OV Road	H.000464	IDIQ Contract for Construction Engineering Management and Staff Augmentation Services for District 62 St. Helena, Livingston, St. John, St. Tammany, Tangipahoa, and Washington Parishes	\$1,132,795
Providence Engineering and Environmental Group LLC	Environmental	H. 004791	Belle Chasse Bridge and Tunnel Replacement Public-Private Partnership Project	\$879,715
Providence Engineering and Environmental Group LLC	CE&I/OV Road	H.011670	Loyola Drive/Interstate 10 (I-10) Interchange to New Airport Terminal (LANOIA) Design-Build Project (Subconsultant)	\$166,626
Providence Engineering and Environmental Group LLC	Environmental Planning Traffic	H.005121	SPN H.005121.5 LA 1/LA 415 Connector Route LA 1/LA 415 West Baton Rouge Parish (Supplemental Agreement No 1, Contract 4400007803)	\$126,779
Providence Engineering and Environmental Group LLC	Environmental	H.003968.5	SPN 700-10-0115; I-10 Calcasieu River Bridge, Sampson St. Interchange TASK 1 Environmental and Litigation Support for EDC Contamination	\$104,287
Providence Engineering and Environmental Group LLC	Survey Road	H.013340	Valhi Blvd. Multi-Use Trail, Phase 1	\$85,861
Providence Engineering and Environmental Group LLC	CE&I/OV Road	H.010100	Pesson Elementary Sidewalks Safety Route to School Project: IDIQ Contract for CE&I Services (SPN/ FAP H. 010100 / Task Order No. H.010100.06) (Contract No. 4400015488)	\$48,963
Providence Engineering and Environmental Group LLC	CE&I/OV Road	H.012235	White Castle Sidewalks Safe Routes to School Project : IDIQ Contract for CE&I Services (SPN/ FAP H. 012235 / Task Order No. H. 012235.6) (Contract No. 4400015488)	\$15,025
Providence Engineering and Environmental Group LLC	Environmental / Planning	H.013284	MRB South GBR: LA 1 to LA 30 Connector	\$17,093
Urban Systems, Inc.	Traffic	H.011309.5	Mac Arthur Final Design	\$30,687
Urban Systems, Inc.	Traffic	H.012812	US 190: Northshore and Camp Villere	\$5,507
Urban Systems, Inc.	Traffic	H.004891	Reserve to I-10 Connector	\$21,561

DO NOT SUM

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

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

20. Certifications/Licenses:

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

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

Name: Public Address:
Urban Systems, Inc. Ms. Alison Marie Catarella
2000 Tulane Avenue, Suite 200
New Orleans, LA 70112

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0001342	ACTIVE	09/22/1986	03/31/2023	Ms. Alison Marie Catarella Michel # PE.0030261 - Active Ms. Nicole Harris Stewart # PE.0034750 - Active



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 Unified Certification Program (LAUCP)

Urban System Associates, Inc.

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

NC541330, NC541340, NC541990

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

Certificate Eligibility: (February 2022 to February 2023)

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

Rhonda Wallace

Rhonda Wallace, DBE/SBE Programs Manager

Louisiana Department of Transportation & Development



WOMEN'S BUSINESS ENTERPRISE
NATIONAL COUNCIL

JOIN FORCES. SUCCEED TOGETHER.

hereby grants

National Women's Business Enterprise Certification

to

URBAN SYSTEMS ASSOCIATES, INC. DBA Urban Systems, Inc.

who has successfully met WBENC's standards as a Women's Business Enterprise (WBE).
This certification affirms the business is woman-owned, operated and controlled and is valid through the date herein.

Certification Granted: May 22, 2020

Expiration Date: May 31, 2023

WBENC National Certification Number: WBE2001268

WBENC National WBE Certification was processed and validated by Women's Business Enterprise Council - South, a WBENC Regional Partner Organization.

Authorized by Phala Mire, President Women's
Business Enterprise Council - South

WBENC SOUTH
WOMEN'S BUSINESS ENTERPRISE COUNCIL
JOIN FORCES. SUCCEED TOGETHER.

NAICS: 541330, 541340

UNSPSC: 70131701, 80101605, 81101500, 81101502, 81101510, 81101524, 81102201



Great Lakes
Women's
Business
Council



WBENC METRONY
WOMEN'S BUSINESS ENTERPRISE COUNCIL

WBENC GREATER DMV
WOMEN'S BUSINESS ENTERPRISE COUNCIL



WBENC EAST
WOMEN'S BUSINESS ENTERPRISE COUNCIL

WBENC ORV
WOMEN'S BUSINESS ENTERPRISE COUNCIL

WBENC PACIFIC
WOMEN'S BUSINESS ENTERPRISE COUNCIL



WBENC WEST
WOMEN'S BUSINESS ENTERPRISE COUNCIL

WBENC FLORIDA
WOMEN'S BUSINESS ENTERPRISE COUNCIL



WOMEN'S BUSINESS ENTERPRISE
NATIONAL COUNCIL

JOIN FORCES. SUCCEED TOGETHER.

**HEREBY GRANTS
WOMAN OWNED SMALL BUSINESS (WOSB) CERTIFICATION TO

URBAN SYSTEMS ASSOCIATES, INC. DBA Urban Systems, Inc.**

The identified small business is an eligible WOSB for the WOSB Program, as set forth in 13 C.F.R. part 127 and has been certified as such by an SBA approved Third Party Certifier pursuant to the Third Party Agreement, dated June 30, 2011, and available at www.sba.gov/wosb.

The WOSB Certification expires on the date herein unless there is a change to the SBA's regulation that makes the WOSB ineligible or there is a change in the WOSB that makes the WOSB ineligible. If either occurs, this WOSB Certification is immediately invalid. The WOSB must not misrepresent its certification status to any other party, including any local or State government or contracting official or the Federal government or any of its contracting officials.

Majority Female Owner: ALISON MICHEL

NAICS: 541330, 541340

UNSPSC: 70131701, 80101605, 81101500, 81101502, 81101510, 81101524, 81102201

Certification Number: WOSB200724

Renewal Date: May 31, 2023

WOSB Regulation Expiration Date: 5/31/2024



Phala Mire, Women's Business Enterprise
Council - South President

Pamela Prince-Easton, WBENC President & CEO

LaKesha White, Vice President, Certification



DIVISION OF SMALL BUSINESS SERVICES

This certification acknowledges that

Urban Systems Associates, Inc.
DBA: Urban Systems, Inc.

is Certified-Active as a Small Entrepreneurship with
Louisiana Economic Development's Hudson Initiative.

This certification is valid from 6/14/2022 to 6/14/2023 .

Certification No. 19041

A handwritten signature in black ink, reading "Stephanie Hartman", is written over a horizontal line.

Stephanie Hartman,
Director, Entrepreneurial Services



URBAN SYSTEMS ASSOCIATES INC

Unique Entity ID ZN22EMHUA3Y5	CAGE / NCAGE 3RYK8	Purpose of Registration All Awards
Registration Status Active Registration	Expiration Date Jun 23, 2023	
Physical Address 2000 Tulane AVE # 200 New Orleans, Louisiana 70112-2250 United States	Mailing Address 2000 Tulane AVE Suite 200 New Orleans, Louisiana 70112-2250 United States	

Business Information

Doing Business as URBAN SYSTEMS	Division Name (blank)	Division Number (blank)
Congressional District Louisiana 02	State / Country of Incorporation Louisiana / United States	URL http://www.urbansystems.com
MPIN *****1104		

Registration Dates

Activation Date Jul 12, 2022	Submission Date Jun 23, 2022	Initial Registration Date Mar 10, 2004
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Entity Dates

Entity Start Date Nov 12, 1974	Fiscal Year End Close Date Dec 31
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Immediate Owner

CAGE (blank)	Legal Business Name (blank)
------------------------	---------------------------------------

Highest Level Owner

CAGE (blank)	Legal Business Name (blank)
------------------------	---------------------------------------

Executive Compensation

In your business or organization's preceding completed fiscal year, did your business or organization (the legal entity to which this specific SAM record, represented by a Unique Entity ID, belongs) receive both of the following: 1. 80 percent or more of your annual gross revenues in U.S. federal contracts, subcontracts, loans, grants, subgrants, and/or cooperative agreements and 2. \$25,000,000 or more in annual gross revenues from U.S. federal contracts, subcontracts, loans, grants, subgrants, and/or cooperative agreements?

No

Does the public have access to information about the compensation of the senior executives in your business or organization (the legal entity to which this specific SAM record, represented by a Unique Entity ID, belongs) through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986?

Not Selected

Proceedings Questions

Is your business or organization, as represented by the Unique Entity ID on this entity registration, responding to a Federal procurement opportunity that contains the provision at FAR 52.209-7, subject to the clause in FAR 52.209-9 in a current Federal contract, or applying for a Federal grant opportunity which contains the award term and condition described in 2 C.F.R. 200 Appendix XII?

No

Does your business or organization, as represented by the Unique Entity ID on this specific SAM record, have current active Federal contracts and/or grants with total value (including any exercised/unexercised options) greater than \$10,000,000?

Not Selected

Within the last five years, had the business or organization (represented by the Unique Entity ID on this specific SAM record) and/or any of its principals, in connection with the award to or performance by the business or organization of a Federal contract or grant, been the subject of a Federal or State (1) criminal proceeding resulting in a conviction or other acknowledgment of fault; (2) civil proceeding resulting in a finding of fault with a monetary fine, penalty, reimbursement, restitution, and/or damages greater than \$5,000, or other acknowledgment of fault; and/or (3) administrative proceeding resulting in a finding of fault with either a monetary fine or penalty greater than \$5,000 or reimbursement, restitution, or damages greater than \$100,000, or other

ACORDTM**CERTIFICATE OF LIABILITY INSURANCE**

DATE (MM/DD/YYYY)

10/21/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION** IS **WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer any rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Greyling Ins. Brokerage/EPIC 3780 Mansell Rd. Suite 370 Alpharetta, GA 30022	CONTACT NAME: Trudy Henry PHONE (A/C, No, Ext): 770-552-4225 FAX (A/C, No): E-MAIL ADDRESS: ACECCertificates@greyling.com														
INSURED Urban Systems, Inc. 2000 Tulane Avenue, Ste. 200 New Orleans, LA 70112	<table border="1"> <thead> <tr> <th data-bbox="815 487 1437 451">INSURER(S) AFFORDING COVERAGE</th> <th data-bbox="1437 487 1568 451">NAIC #</th> </tr> </thead> <tbody> <tr> <td data-bbox="815 451 1437 483">INSURER A : Hartford Accident & Indemnity Company</td> <td data-bbox="1437 451 1568 483">22357</td> </tr> <tr> <td data-bbox="815 483 1437 514">INSURER B : Twin City Fire Insurance Co.</td> <td data-bbox="1437 483 1568 514">29459</td> </tr> <tr> <td data-bbox="815 514 1437 546">INSURER C :</td> <td data-bbox="1437 514 1568 546"></td> </tr> <tr> <td data-bbox="815 546 1437 577">INSURER D :</td> <td data-bbox="1437 546 1568 577"></td> </tr> <tr> <td data-bbox="815 577 1437 609">INSURER E :</td> <td data-bbox="1437 577 1568 609"></td> </tr> <tr> <td data-bbox="815 609 1437 636">INSURER F :</td> <td data-bbox="1437 609 1568 636"></td> </tr> </tbody> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Hartford Accident & Indemnity Company	22357	INSURER B : Twin City Fire Insurance Co.	29459	INSURER C :		INSURER D :		INSURER E :		INSURER F :	
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INSURER F :															

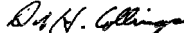
COVERAGES**CERTIFICATE NUMBER: 22-23****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			20SBWBR1390	11/01/2022	11/01/2023	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$1,000,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
A	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY			20SBWBR1390	11/01/2022	11/01/2023	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$10000			20SBWBR1390	11/01/2022	11/01/2023	EACH OCCURRENCE \$2,000,000 AGGREGATE \$2,000,000 \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE/OFFICER/MEMBER EXCLUDED? <input checked="" type="checkbox"/> Y / <input checked="" type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	20WBGAT8VAP	11/01/2022	11/01/2023	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

For Proposal Use Only.**CERTIFICATE HOLDER****CANCELLATION**

Urban Systems Inc 2000 Tulane Avenue ,Suite 200 New Orleans, LA 70112	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
--	--



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/24/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER PAPPALARDO AGENCY, INC. 2020 N Causeway Ste 1A Mandeville LA 70471	CONTACT NAME: Mary Chiffi PHONE (A/C, No, Ext): (985) 674-2695 E-MAIL ADDRESS: mary@insureLa.com FAX (A/C, No): (985) 674-0971
INSURED Urban Systems, Inc. 2000 Tulane Avenue Suite 200 New Orleans LA 70112	INSURER(S) AFFORDING COVERAGE INSURER A: CNA-VALLY FORGE INS CO INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:

COVERAGES**CERTIFICATE NUMBER:** CL229600328**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Professional Liability GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			AEH 00 6088134	09/08/2022	09/08/2023	EACH OCCURRENCE \$ 2,000,000
			DAMAGE TO RENTED PREMISES (Ea occurrence) \$				
			MED EXP (Any one person) \$				
			PERSONAL & ADV INJURY \$				
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						GENERAL AGGREGATE \$ 2,000,000
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION \$						PRODUCTS - COMP/OP AGG \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y / N If yes, describe under DESCRIPTION OF OPERATIONS below						Employee Benefits \$
							COMBINED SINGLE LIMIT (Ea accident) \$
							BODILY INJURY (Per person) \$
							BODILY INJURY (Per accident) \$
							PROPERTY DAMAGE (Per accident) \$
							EACH OCCURRENCE \$
							AGGREGATE \$
							PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/>
							E.L. EACH ACCIDENT \$
							E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER**CANCELLATION**

"FOR PROPOSAL PURPOSES ONLY"

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

© 1988-2015 ACORD CORPORATION. All rights reserved.

Certification: View**Help & Tools** [Certification List](#)[Submit Change Request](#)[View Letters & Certificates](#)[Add Date Alert](#)**Vendor Information**

BUSINESS NAME	URBAN SYSTEMS ASSOCIATES, INC. DBA Urban Systems, Inc.
SYSTEM VENDOR NUMBER	20423436
PRIMARY OWNER'S NAME	ALISON MICHEL
ETHNIC GROUP	White or Non-Minority
GENDER	Female

Certification Information

CERTIFYING AGENCY	Women's Business Enterprise Council South
CERTIFICATION TYPE	WOSB - Women-Owned Small Business
EFFECTIVE DATE	9/8/2022
RENEWAL DATE	5/31/2023

Contact Information

MAIN COMPANY EMAIL	ralbert@urbansystems.com
MAIN PHONE	504-569-3972
MAIN COMPANY WEBSITE	http://www.urbansystems.com

Addresses

PHYSICAL ADDRESS	2000 Tulane Avenue Suite 200 NEW ORLEANS, LA 70112 [map]
MAILING ADDRESS	2000 Tulane Avenue Suite 200 NEW ORLEANS, LA 70112 [map]

Business Capabilities

BUSINESS CERTIFIED FOR	TRAFFIC COUNTS AND DATA COLLECTION; Traffic counts and data collection are integral parts of most traffic and transportation projects. Counts can also be a singular study. ; At Urban Systems we have tube counters, Jamar turning movement counters
------------------------	---

FULL DESCRIPTION OF
CAPABILITIES/PRODUCTS

and video cameras at our disposal. We collect and analyze traffic data in house. This allows us to better understand the particular needs of a project and act plan accordingly. We were also one of the first firms in the state to use video cameras for counts; we have now used our MioVision/ Scout cameras at over 310 sites in Louisiana. We have cameras and a trained staff ready to deploy. These cameras have proven beneficial for roadways that would be dangerous to lay tubes, or where pavement conditions would not be favorable. Recently, we successfully used video cameras to counts locations on I-10 and I-12 with no disruption to the interstate traffic.; ACCESS MANAGEMENT; Urban Systems has extensive experience in evaluating various types of roa

TRAFFIC COUNTS AND DATA COLLECTION; Traffic counts and data collection are integral parts of most traffic and transportation projects. Counts can also be a singular study. ; At Urban Systems we have tube counters, Jamar turning movement counters and video cameras at our disposal. We collect and analyze traffic data in house. This allows us to better understand the particular needs of a project and act plan accordingly. We were also one of the first firms in the state to use video cameras for counts; we have now used our MioVision/ Scout cameras at over 310 sites in Louisiana. We have cameras and a trained staff ready to deploy. These cameras have proven beneficial for roadways that would be dangerous to lay tubes, or where pavement conditions would not be favorable. Recently, we successfully used video cameras to counts locations on I-10 and I-12 with no disruption to the interstate traffic.; ACCESS MANAGEMENT; Urban Systems has extensive experience in evaluating various types of roa

COMMODITY CODES

NAICS 541330	Engineering services (More) [Primary Code]
NAICS 541330	Civil engineering services (More)
NAICS 541340	Computer-aided design drafting (CADD) services (More)
UNSPSC 70131701	Land use planning
UNSPSC 80101605	Temporary drafting service
UNSPSC 81101500	Civil engineering
UNSPSC 81101502	Technical drawing
UNSPSC 81101510	Highway engineering
UNSPSC 81101524	City development planning service
UNSPSC 81102201	Traffic engineering

Owner Ethnicity and Gender

ETHNIC GROUP	White or Non-Minority
GENDER	Female

Location

COUNTY	Orleans (LA)
--------	--------------

Additional Information

REVENUE RANGE	\$1 million < \$5 million
INDUSTRY	Other Services (except Public Administration)

MANUFACTURING	Not Applicable
DISTRIBUTOR	No
INSURED	Yes
BONDED	Yes
APPLICANT HAS SUPPLIER DIVERSITY PROGRAM	No
COMPANY VETERAN OWNED?	No
SERVICE AREA	Southeast
WOSB APPLICANT?	No
WOMEN OWNED LOGO USER?	No
AGE RANGE OF MAJORITY FEMALE OWNER?	45-54
LGBTQ PROGRAMMING?	

Letters & Certificates

View	Letter Type	Format	Date Sent	Viewed
View View as PDF	WOSB - Approval Letter	Email	9/8/2022	-
View as PDF	WOSB Certificate	Letter	9/8/2022	-


Certification List

[Customer Support](#)

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Alison Catarella Michel, P.E., PTOE, PTP, RSP1



**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)**
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Ms. Alison Marie Catarella Michel

License/Certificate Type - Number Expiration Date
PE.0030261 **03/31/2023**

Status: **Active**



TRANSPORTATION PROFESSIONAL CERTIFICATION BOARD INC.™

Ms. Alison Catarella Michel, P.E., PTOE, F ITE

Transportation Engineer
Urban Systems, Inc.
Business Address (Preferred Mailing Address)
400 N. Peters, Suite 206D
New Orleans, LA 70130
USA
T: (504) 523-5511 F: (504) 523-5522
E-Mail: acmichel@urbansystems.com

New Search

Refine Search

Transportation Professional Certification Board Inc.
1627 Eye Street, NW, Suite 600, Washington, DC 20006 USA
Telephone: +1 202-785-0060 | Fax: +1 202-785-0609
E-mail: certification@ite.org
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PTOE 1023

Exp. Date 11/06/2023

Transportation Professional Cei

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

Ms. Alison Catarella Michel, P.E., PTOE, PTP, RSP1
Urban Systems, Inc.

Thank you for renewing your certification as a Professional Traffic Operations Engineer** (PTOE).
As a PTOE you will be recognized as one of a specialized group of professional Traffic Operations E

Your certification is renewed through 11/6/2023.

You will not be receiving a new certificate as the one sent to you does not indicate an expiration c

At the end of the three-year period, your certification will be renewed without examination provi

Transportation Professional Certification Board, Inc.

certifies that

Alison Marie Catarella Michel

*has met all of the requirements established by the Certification Board
to use the title of*

Professional Transportation Planner

*unless withdrawn by the Certification Board and subject to the provisions for renewal.
Certificate number 626 issued in Washington, D.C., U.S.A.*

11/20/17


Michael K. Park
Chair




Jeffrey F. Bonati
Executive Director

PTP 626

Exp. Date 11/20/2023

Transportation Professional Certification Board, Inc.

certifies that

Alison Catarella Michel

*has met all of the requirements established by the Certification Board
to use the title of*

Road Safety Professional

*unless withdrawn by the Certification Board and subject to the provisions for renewal.
Certificate number 113 issued in Washington, D.C., U.S.A.*

12/21/2013


Diane Morahan
Chair




Jeffrey F. Bonati
Executive Director

RSP₁ 113

Exp. Date 12/21/2024



National Highway Institute



Certificate of Training

Alison Michel

has participated in

**NHI Course No. 142005 -
NEPA and Transportation Decision Making**

hosted by

LA DOTD/LTRC

Date: May 28-30, 2014

Hours of Instruction: 18

Location: Baton Rouge, LA

[Signature]
Instructor

[Signature]
Local Coordinator
[Signature]
Richard Barnaby, Director
National Highway Institute

Certificate of Completion

presented to

Alison Catarella-Michel

for completing the

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

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

**Professional Development
Hours (PDH): Awarded: 4**

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor



Certificate of Completion

presented to

Alison Catarella-Michel

for completing the

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

Date: June 4, 2018
Location: Baton Rouge, Louisiana

**Professional Development
Hours (PDH): Awarded: 4**

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor



Certificate of Completion

presented to

Alison Catarella-Michel

for completing the

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

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

**Professional Development
Hours (PDH): Awarded: 3**

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor

[Signature]
Authorized Instructor



Christine M. Darrah, P.E.



PROOF OF CERTIFICATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Christine Darrah

THIS INDIVIDUAL IS CERTIFIED BY ATSSA AS A

Louisiana Traffic Control Supervisor

This certified individual has demonstrated a thorough knowledge of the standards, guidelines and practices of traffic control in highway construction and maintenance work areas; has completed all the requirements of the American Traffic Safety Services Association Certification Program to the satisfaction of the Certification Board; and is hereby awarded the above designation. This certified individual is fully entitled to all the rights and privileges associated with this designation. This certificate will remain in effect until the expiration date noted herein unless otherwise revoked by action of the Certification Board.

Dan M. Clark

ISSUE DATE 4/8/2021
EXPIRATION DATE 4/7/2025
CERTIFICATION # 873155

Ronald R. Smith



American Traffic Safety Services Association
ATSSA.com



**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)**

9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mrs. Christine Mire Darrah

License/Certificate Type - Number

PE.0028528

Expiration Date

09/30/2023

Status: **Active**

CERTIFICATE

Louisiana Urban Stormwater Coalition

hereby recognizes that

Christine Darrah

has completed the LUSC Training

Design, Construction & Maintenance of Green Infrastructure

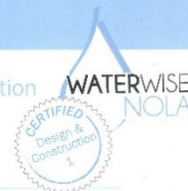
(8 hours of Classroom Instruction)

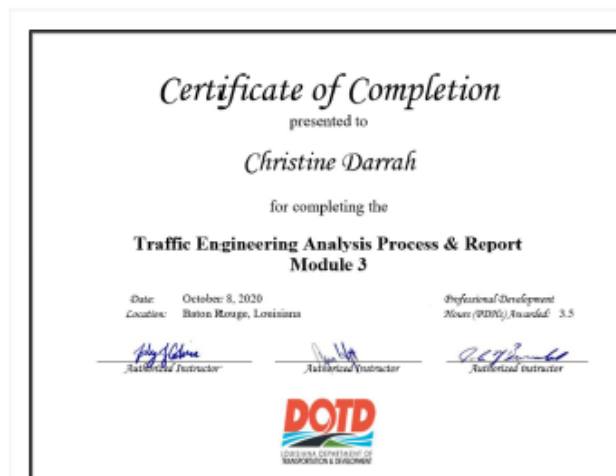
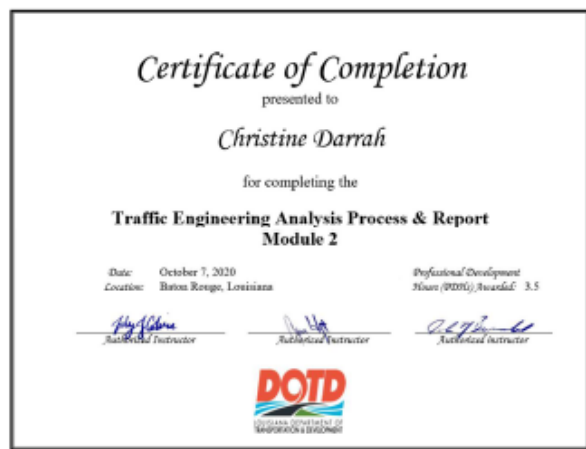
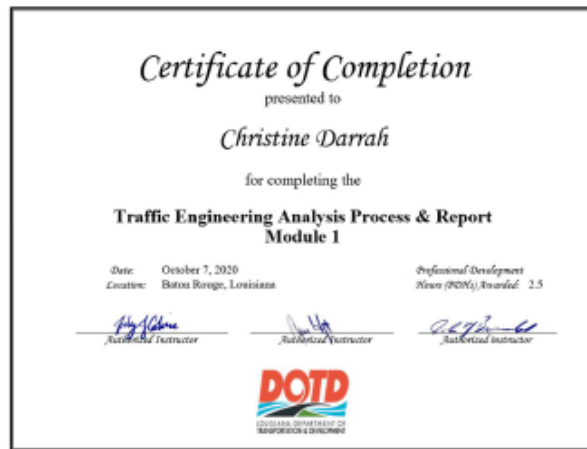
and is now a Water Wise NOLA certified Green Infrastructure Professional 1

06/19/2015
Date

Dana Hines Brown
Instructor

LOUISIANA
URBAN STORMWATER COALITION





Matthew H. Morgan



**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)**

9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Matthew Hansen Morgan

License/Certificate Type - Number

EI.0033492

Expiration Date

03/31/2024

Status: **Active**

Louisiana Professional Engineering and Land Surveying Board

Hereby Certifies that
Mr. Matthew Hansen Morgan
has satisfied the applicable requirements and is therefore licensed as a
Professional Engineer
and hereby entitled to practice engineering in the State of Louisiana.



Baton Rouge, Louisiana - August 11, 2022

Chris Richal
Edgar B. Smith

License Number **PE.0047060**

Certificate of Training

this certifies that

Matthew M. Morgan

has successfully completed the training
program requirements for

National Flagger Certification Training Course



Awarded on this 23rd day of August 2022

This certificate is valid for 30 days from the date awarded.

Certificate of Completion

presented to

Matthew Morgan

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: February 25, 2019
Location: Bridge City, Louisiana

Professional Development
Hours (PDHs) Awarded: 2


Authorized Instructor


Authorized Instructor


Authorized Instructor



Certificate of Completion

presented to

Matthew Morgan

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: February 25, 2019
Location: Bridge City, Louisiana

Professional Development
Hours (PDHs) Awarded: 3


Authorized Instructor


Authorized Instructor


Authorized Instructor



Certificate of Completion

presented to

Matthew Morgan

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: February 26, 2019
Location: Bridge City, Louisiana

Professional Development
Hours (PDHs) Awarded: 3


Authorized Instructor


Authorized Instructor


Authorized Instructor



Nicole H. Stewart, P.E., PTOE



TRANSPORTATION PROFESSIONAL CERTIFICATION BOARD INC.™

Mrs. Nicole H. Stewart, P.E., PTOE, MITE

Transportation Engineer
Urban Systems, Inc.

Business Address (Preferred Mailing Address)
400 N. Peters, Suite 206
New Orleans, LA 70130
USA

T: (504) 523-5511 F: (504) 523-5522
E-Mail: nhstewart@urbansystems.com

New Search

Refine Search

Transportation Professional Certification Board Inc.
1627 Eye Street, NW, Suite 600, Washington, DC 20006 USA
Telephone: +1 202-785-0060 | Fax: +1 202-785-0609
E-mail: certification@ite.org
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PTOE 2923 - 8/2023



Certificate of Completion

presented to

Nicole Stewart

for completing the

Traffic Engineering Analysis Process & Report Module 1

Date: January 14, 2019
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 2


Assistant Instructor


Assistant Instructor


Assistant Instructor



Certificate of Completion

presented to

Nicole Stewart

for completing the

Traffic Engineering Analysis Process & Report Module 3

Date: January 15, 2019
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3


Assistant Instructor


Assistant Instructor


Assistant Instructor



Certificate of Completion

presented to

Nicole Stewart

for completing the

Traffic Engineering Analysis Process & Report Module 2

Date: January 14, 2019
Location: Baton Rouge, Louisiana

Professional Development
Hours (PDHs) Awarded: 3


Assistant Instructor


Assistant Instructor


Assistant Instructor





Society of Wetland Scientists
Professional Certification Program, Inc

grants the designation

Professional Wetland Scientist

For

Paul Clifton

In recognition of all the professional requirements approved by the Society of Wetland Scientists Certification Program, Inc. and verified by the Society's Certification Review Panel on 1/9/2021.
Professional Wetland Scientist number 3326. Due to recertify by 1/9/2026.



Kimberly J. Ponzio
Kimberly J. Ponzio, PWS
President

Robert D. Shannon
Robert D. Shannon, Ph.D., PWS
Review Panel Chair



Stephanie Perrault M.A.- Anthropology RPA (Founding)

Registrant ID: 33714583

Renewal date: 1 Jan 2023



The Register
of Professional
Archaeologists

Prime consultant name:





Society of Wetland Scientists
Professional Certification Program, Inc.

grants the designation

Professional Wetland Scientist

For

Taylor Simoneaux

In recognition of all the professional requirements approved by the Society of Wetland Scientists Certification Program, Inc. and verified by the Society's Certification Review Panel on 12/30/2020.
Professional Wetland Scientist number 3321. Due to recertify by 12/30/2025.



Kimberly J. Ponzio
Kimberly J. Ponzio, PWS
President

Robert D. Shannon
Robert D. Shannon, Ph.D., PWS
Review Panel Chair

Richard Chinn Environmental Training, Inc.

certifies that

Taylor Simoneaux

has successfully completed a

38 Hour Army Corps of Engineers Wetland Delineation Training Program

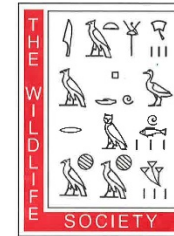
Issued Certificate No. 8010 and 3.8 CEUs, September 19 - 22, 2016, in Baton Rouge, Louisiana.
This course is pre-approved by the Society of Wetland Scientists Professional Certification Program to provide 2.5 Training Credits each for recertification.

Richard Chinn
Richard Chinn, PWS, CET

Richard Chinn Environmental Training, Inc.
804 Cottage Hill Way, Brandon, FL 33511-8098

813.655.7549 • FAX: 813.354.4639 • info@richchinn.com • <http://www.richchinn.com>

This training has been listed as part of the U.S. Army Corps of Engineers Wetland Delineation Training Program. The training is provided for in the training material design in accordance with current version of the Wetland Delineation Training Program. (12/30/2025)



The Wildlife Society

INCORPORATED IN WASHINGTON, D.C.

grants the designation

Certified Wildlife Biologist

to

Taylor Nelson Simoneaux

In recognition of fulfillment of all the professional requirements approved by The Wildlife Society and verified by the Society's Certification Review Board. This designation is valid for 5 years, beginning the first day of October 2019, provided membership in the Society remains in good standing.



Gary C. White
President, The Wildlife Society

Helen C. Williams
Chair, Certification Review Board

Ed R.
Executive Director, The Wildlife Society

Prime consultant name:



I UNITED STATES OF AMERICA XI

DEPARTMENT OF TRANSPORTATION • FEDERAL AVIATION ADMINISTRATION

IV NAME
TANNER DOUGLAS JONES

V ADDRESS 10306 W WINSTON AVE APT 10
 BATON ROUGE LA 70809-2549

VI NATIONALITY USA
IVa D.O.B. 2 SEP 1992
SEX M **HEIGHT** 72 **WEIGHT** 145 **HAIR** BROWN **EYES** BLUE

IX HAS BEEN FOUND TO BE PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF

II REMOTE PILOT
III CERTIFICATE NUMBER 4206841
X DATE OF ISSUE 8 DEC 2018

XIV *OK Ehm*
VII ACTING ADMINISTRATOR

**U
A
S**

TANNER DOUGLAS JONES XII RATINGS **4206841**

REMOTE PILOT
SMALL UNMANNED AIRCRAFT SYSTEM
XIII LIMITATIONS

**U
A
S**

VI SIGNATURE OF HOLDER *Tanner Douglas Jones*

Richard Chinn Environmental Training, Inc.

certifies that

Tanner Jones

has successfully completed a

38 Hour Army Corps of Engineers Wetland Delineation Training Program


issued Certificate No. 8220 and 3.6 CEUs, September 18 - 21, 2017, in Baton Rouge, Louisiana

This course is pre-approved by the Society of Wetland Scientists Professional Certification Program to provide 2.5 Training Credits and/or Points.

Richard Chinn, PWS
 Richard Chinn, PWS

Richard Chinn Environmental Training, Inc.
 804 Cottage Hill Way, Brandon, FL 33511-8098
 813.655.7549 • FAX: 813.354.4659 • info@richardchinn.com • <http://www.richardchinn.com>

This training has been listed as part of the U.S. Army Corps of Engineers Wetland Delineation Manual Technical Report 9-87 (1987 manual), as permitted for in the training materials developed in cooperation with section 107(e) of the Water Resources Development Act of 1986 for the Wetland Delineation Certification Program.



Prime consultant name:

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

22. Sub-consultant information:

Firm Name (as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
Providence Engineering and Environmental Group LLC	1201 Main Street, Baton Rouge, LA 70802	Adam Davis, PE adamdavis@providenceeng.com	225-766-7400
Urban Systems, Inc.	2000 Tulane Ave. Suite 200 New Orleans, LA 70112	Alison Michel acmichel@urbansystems.com	(504) 569-3958

23. Location:

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