SHREAD - KUYRKENDALL & ASSOCIATES, INC.
ENGINEERS • SURVEYORS • PLANNERS
13016 Justice Avenue • Baton Rouge, Louisiana 70816
(225) 296-1335 Email: skaengr@skaengr.com

September 23, 2025

Ms. Joan Rupp
Regional Planning Commission
10 Veterans Memorial Blvd.
New Orleans, LA 70124

RE: STAGE 0 FEASIBILITY STUDY
Barriere Rd. Corridor
Plaquemines Parish
(RPC Task A-3.26PPG; FY-26 UPWP NO UA)

Dear Ms. Rupp,

Shread-Kuyrkendall & Associates (SKA) appreciates the opportunity to submit our qualifications to the Regional Planning Commission (RPC) for the Stage 0 Feasibility Study of the Barriere Road Corridor in Plaquemines Parish.

Our team is committed to delivering a thorough feasibility study that reflects the goals of the RPC and the needs of the local community. SKA brings a strong record of successful Stage 0 studies and corridor planning efforts throughout the region, and we look forward to the possibility of applying that experience to this important project.

Please find our Statement of Qualifications enclosed for your review. Should you need any additional information or clarification, feel free to contact me at 225-296-1335 or gmcclure@skaengr.com

Thank you again for this opportunity. We look forward to the selection process.

Very truly yours,

SHREAD-KUYRKENDALL & ASSOCIATES, INC.

Ripley W. "Gary" McClure, P.E.
enclosures

CONSULTANT SERVICES PROPOSAL

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

Stage 0 Feasibility Study – Barriere Rd. Corridor Plaquemines Parish

RPC Task A-3.26PPG; FY-26 UPWP NO UA

SEPTEMBER 24, 2025

DOTD FORM: 24-102

(Revised December 12, 2024)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

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

1. Contract Name as shown in the advertisement	**Stage 0 Feasibility Study – Barriere Rd. Corridor Plaquemines Parish**
2. Contract Number(s) as shown in the advertisement	RPC Task A-3.26PPG; FY-26 UPWP NO UA
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (**name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20)**	**Shread-Kuyrkendall & Associates, Inc.**
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	EF. 0000767 VF. 0000130
6. Prime consultant mailing address	13016 Justice Ave., Baton Rouge, LA 70816
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	13016 Justice Ave., Baton Rouge, LA 70816
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Ripley W. "Gary" McClure, President (225) 296-1335 shread@skaengr.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Ripley W. "Gary" McClure, President (225) 296-1335 shread@skaengr.com

10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response. **Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.**	 Signature above shall be the same person listed in Section 9: September 23, 2025 Date:

11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.	Firm(s): URBAN SYSTEMS inc.	Firm(s)' %: **21%**

12. Discipline Table

N/A

13. Firm Size

N/A

14. Organizational Chart

LEGEND

* *Has completed traffic control technician requirements.*
* *Has completed traffic control supervisor requirements.*
* *Traffic Flagger*
™ *Traffic Modules 1-3*

PRIME
Shread-Kuyrkendall & Associates, Inc.

PRINCIPAL
**Ripley W. "Gary" McClure, PE

SUPERVISING ENGINEER - QA/QC
**Niccola D. Gill, PE

ROADWAY DESIGN
Lead
**John P. Raymond, PE

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

CADD
Lead
James Partin

Dianna Sherman

TRAFFIC (SUB)
URBAN SYSTEMS, INC.

Principal In Charge of Traffic Engineering Task / QA-QC
™Alison Catarella Michel, P.E.,PTOE,PTP,RSP2i

Project Management, Conceptual Alternatives & Operational Analysis
**™Nicole Stewart, P.E.,PTOE

Data Collection, Traffic Forecasting & Operational Analysis
*™Matthew Morgan, P.E,PTOE

Conceptual Alternatives, Cost Estimation
***™Christine Darrah, P.E.

15. Minimum Personnel Requirements

N/A

16. Staff Experience

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

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

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; Experience dates should cover the years of experience specified in the applicable MPR(s).
	*Mr. McClure, principal managing officer, is responsible for overall financial, personnel and policy management. In addition, he shares responsibility for business development and continues to serve as Principal-in-Charge for contract administration on specific projects. Mr. McClure has over 40 years of experience in environmental, feasibility studies, and the design of roadways and bridges. Additionally, he has experience with DOTD Stage 0 Feasibility Studies and has experience coordinating with stakeholders, including government agencies, local communities, environmental agencies, and development of planning and environmental documents. He is very knowledgeable of DOTD standards and requirements in addition to the Stage 0 Manual of Standard Practice. Mr. McClure completed the Highway Safety Manual Workshop and NEPA Certified (NHI Course No. 142005)*
Stage 0 Feasibility Studies	
08/17 - 05/18	**H.012353.1 / Stage 0 Study / LA 8: Sabine River to US 171:** *Vernon Parish* **–** Mr. McClure served as *Project Manager*. The purpose of this **Stage 0** was to assess and identify alternative project concepts that will address existing and future roadway traffic, safety conditions, and access management strategies along LA 8. Mr. McClure was responsible for overseeing the development of the design alternatives that met the requirement and needs of the area. He met with local and state agencies to determine long-term planning needs and requirements and was responsible for the development of the Stage 0 Feasibility Report.
05/17 - 05/19	**H.012306 / Stage 0 Study / LA 42: Highland Road at Pecue Lane (Intersection):** *East Baton Rouge Parish* – Mr. McClure served as *Supervising Engineer*. The purpose of this **Stage 0** Study was to assess and identify alternatives that will address safety and operation concerns at the intersection of LA 42 (Highland Road) and Pecue Lane. Mr. McClure was responsible for overseeing the development of the design alternatives that meet the requirements and needs of the project. He met with local and state agencies to determine needs and requirements. After developing a purpose and need, Mr. McClure developed alternatives that were acceptable to the community. Mr. McClure was responsible for the development and QA/QC of the Report.
09/09 - 11/10	**700-52-0191 / Stage 0 Study / US 190: LA 1089 (Mandeville) to US 11 (Slidell):** *St. Tammany Parish* **–** Mr. McClure served as *Supervising Engineer*. The **Stage 0** study area of US 190 consists of the intersection of LA 1089 (east of Mandeville, LA) and US 190. The purpose of this study is to assess and identify alternative project concepts that will address existing and future roadway traffic, safety conditions, and access management strategies along US 190 at a point near LA 1089 east of Mandeville to US 11 in the City of Slidell. Mr. McClure was responsible for overseeing the development of the design alternatives that meet the requirements and needs of the project. He met with local and state agencies to determine needs and requirements. After developing a purpose and need, Mr. McClure developed alternatives that were acceptable to the community. Mr. McClure was responsible for the development and QA/QC of the Report.
09/08 - 12/09	**701-65-1057 / Stage 0 Study / US 171 Realignment (DeRidder Bypass):** *Beauregard and Vernon Parishes* – Mr. McClure served as *Supervising Engineer*. The purpose of the **Stage 0** was to investigate the potential realignment of US 171 around the city of DeRidder to reduce traffic congestion and volumes alone existing local streets within the city of DeRidder, as well as along the existing US 171 route. Mr. McClure coordinated all meetings with state and local officials. As head of the design team, Mr. McClure was responsible for alternative routes which were submitted to the public. The location of the

	bypass was an environmentally sensitive as well as a physically sensitive area of Beauregard Parish. As a result, Mr. McClure worked closely with residents and officials to minimize impact to the area.
06/08 - 05/09	**701-65-1046 / Stage 0 Study / US 51B:** *Tangipahoa Parish*– Mr. McClure served as *Supervising Engineer*. The purpose of this **Stage 0** was to investigate potential solutions to the traffic congestion in the US 51 corridor in Hammond, Louisiana generally from Ponchatoula Creek to just north of the I-12 interchange. Mr. McClure was responsible for overseeing the development of the design alternatives that meet the requirements and needs of the project. He met with local and state agencies to determine needs and requirements.
Roadway	
12/20-Present	**MA-22-01/ LA 73 to Bluff Road (LA 928) Connector:** *Ascension Parish* –Mr. McClure serves as *Principal-in-Charge*. This project is **new alignment of a two-lane roadway** from Bluff Road to LA 73. The Connector will become the main method of travel between LA 73 and Bluff Road for this area. On Bluff Road the entrance to the connector will be located between C Braud Rd. and Crestway Ave. On LA 73 the connector will be located between Mission Street and Oak Plaza Ave. SKA was contracted to design the LA 73 Roundabout at Bluff Rd. Connector as part of an additional contract (MA-22-010.
04/14-Present	**H.004435 / LA 3241 (LA 36 to LA 435):** *St. Tammany Parish* – Mr. McClure served as *Lead Bridge Design Engineer*. This project includes three (3) segments of nearly 20 miles of new roadway to connect Interstate 12 to the southern terminus of LA 21 in Bush, LA. SKA's contracted segment consists of approximately eight miles of a new alignment in St. Tammany Parish. This **new roadway is a four-lane freeway** with two new bridges (4 structures total) will be built for this project to span Bayou Lacombe at two different locations, each approximately 500' long, with Type III Girder Spans. 90% of the project corridor is considered wetland which was considered in hydraulic design of the bridges as well as hydraulic analysis of the roadway. Mr. McClure designed the superstructure and substructure for the two new bridges (4 structures total).
05/13 - 02/24	**H.002825 / Stage 1 / Nicholson Drive (LA 30) Brightside Lane to Gourrier Ave:** *East Baton Rouge* – Mr. McClure served as *Supervising Engineer* for this Stage 1 Environmental Study to widen Nicholson Drive from Brightside to Gourrier. Mr. McClure was responsible for the review and QA/QC for the **development of design alternatives** in addition to the preparation of a Line and Grade Study and the development of the Environmental Assessment in accordance with the National Environmental Policy Act (NEPA), the Federal Highway Administration (FHWA), and Louisiana Department of Transportation and Development (LADOTD). This project consisted of an environmental analysis, evaluation, and documentation of the socio-economic and environmental impacts of three (3) alternatives as well as a no-build alternative. MOVEBR projects are developed with an integrated planning approach that includes community input, concept reports, environmental resource review, **water management strategies, resilience planning**, and the **exploration of green infrastructure** solutions to enhance sustainability, mobility, and stormwater performance.
10/12 - Present	**H.009266 / I-10 (LA 73 to LA 30):** *Ascension Parish* – Mr. McClure serves as *Supervising Engineer* and *Lead Bridge Designer*. This project involves the widening of approximately 4.5 miles of Interstate 10 from LA 73 to LA 30, including widening three (3) existing bridge structures within the project limits. Project scope includes widening the interstate from two lanes in each direction to three lanes in each direction. Phased construction of bridges at the LA 73 interchange with I-10 requires diversion crossovers and ramp modifications. Mr. McClure performed existing bridge inspection, evaluation, and reports for bridges at LA 30 and Smith Bayou as well as oversaw *QA/QC.*
10/10 - Present	**H.013579, H.003047, & H.012290 / Pecue Lane / I-10 Interchange:** *East Baton Rouge Parish* – Mr. McClure served as *Supervising Engineer* and *Bridge Design Supervisor*. Mr. McClure provided engineering design support and he developed all of the multiple alternatives during the environmental Stage 1 phase of the project. This project includes a Diverging Diamond Interchange (DDI). The project was ultimately broken into three separate phases and design plans to facilitate federal redistribution funding requirements, and the design team was challenged with an ***accelerated schedule*** as a result. The DDI includes full eastbound and westbound on and off ramps on I-10 and **widens and realigns** Pecue Lane to six lanes with a connector to Rieger Road. To accommodate the ramps, widening of I-10 was necessary. A Final Level 4 TMP was required for this project.
02/04- 11/09	**H.007154, H.007152, H.002303 / Central Thruway:** *East Baton Rouge Parish* – Mr. McClure served as *Supervising Engineer* and *Lead Bridge Design Engineer*. This project involved the design and construction of a **4-lane divided thruway for 5.2 miles on a new alignment** including seven bridges. Also included in the scope of this project was a corridor study, an environmental assessment, topographic surveys, right-of-way maps and property surveys. Mr. McClure designed girders, bents, decks, and guardrail for this project

16. Staff Experience

Firm employed by	**Shread-Kuyrkendall & Associates, Inc.**		
Name	**John P. Raymond, P.E.**	Years of relevant experience with this employer	33
Title	SENIOR ENGINEER	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		B.S. / 1992 / Civil Engineering	
Active registration number / state / expiration date		PE. 0027988 / LA / September 30, 2026	
Year registered	1998	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		*Mr. Raymond's role will be Lead Roadway Engineer*	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; Experience dates should cover the years of experience specified in the applicable MPR(s).
	*Mr. Raymond has been a Project Manager/Road Design Engineer on multiple classes of roadways throughout his 32-year career with Shread-Kuyrkendall & Associates. He has designed and managed multiple roadway projects including pavement preservation projects, widening projects, new alignments, and intersection improvements throughout the state and is very knowledgeable of DOTD standards and requirements. Experienced in applying LADOTD Complete Streets guidelines to deliver context-sensitive, multimodal infrastructure improvements across urban and suburban corridors.*
Stage 0 Feasibility Studies	
05/17 - 05/19	**H.012306 / Stage 0 Study / LA 42: Highland Road at Pecue Lane (Intersection):** *East Baton Rouge Parish* – Mr. Raymond served as *Road Design Engineer*. The preliminary purpose of this **Stage 0** Study was to assess and identify alternatives that will address safety and operation concerns at the intersection of LA 42 (Highland Road) and Pecue Lane. Mr. Raymond designed all the intersection alternatives that meet the requirements and needs of the project.
06/08 - 05/09	**701-65-1046 / Stage 0 Study / US 51B:** *Tangipahoa Parish*– Mr. Raymond served as *Road Design Engineer*. The purpose of this **Stage 0** was to investigate potential solutions to the traffic congestion in the US 51 corridor in Hammond, Louisiana generally from Ponchatoula Creek to just north of the I-12 interchange. Mr. Raymond designed all the alternatives that meet the requirements and needs of the project.
Roadway	
05/21 - Present	**MA-22-01/ LA 73 Roundabout at Bluff Rd. Connector** *Ascension Parish* – Mr. Raymond is *Project and Lead Road Design Engineer*. Mr. Raymond was responsible for the design of the multi-lane roundabout which includes a southbound channelized right turn lane on LA 73, an eastbound channelized right turn lane on the LA 73 at Bluff Rd. Connector, and is a multilane roundabout only in the northbound and southbound directions. This project, LA 73 Roundabout at Bluff Rd. Connector (MA-22-01), will convert an existing section of LA 73 from three lanes to four lanes with a raised median and curb and gutter providing access management. Two bulb-outs will be added for U-turns and control of access at the end of the project limits and a multi-lane roundabout is being designed at the intersection with the future Bluff Road Connector (MA-20-01) and an existing commercial drive. Access Management is being implemented due to the proximity of the roundabout to I-10 at LA 73. Mr. Raymond's responsibilities include project management, geometric and hydraulic design, sequence of construction, earthwork, and tabulation of quantities.
12/20-Present	**MA-22-01/ LA 73 to Bluff Road (LA 928) Connector:** *Ascension Parish* – Mr. Raymond is *Project Engineer and Lead Road Design Engineer*. Mr. Raymond is responsible for the design of a **new alignment of a two-lane roadway** from Bluff Road to LA 73. The Connector will become the main method of travel between LA 73 and Bluff Road for this area. On Bluff Road the entrance to the connector will be located between C Braud Rd. and Crestway Ave. On LA 73 the connector will be located between Mission Street and Oak Plaza Ave. SKA was contracted to design the LA 73 Roundabout at Bluff Rd. Connector as part of an additional contract (MA-22-010.

04/14 - Present	**H.004435 / LA 3241 (LA 36 to LA 435):** *St. Tammany Parish* – Currently in the construction phase**.** Mr. Raymond is *Project and Lead Road Design Engineer*. This project includes three (3) segments of nearly 20 miles of new roadway to connect Interstate 12 to the southern terminus of LA 21 in Bush, LA. SKA's contracted segment consists of approximately eight miles of a new alignment in St. Tammany Parish. This **new alignment is a four-lane freeway** with two new bridges (4 structures total) to span Bayou Lacombe at two different locations, each approximately 500' long. Innovative design alternatives were implemented during design as geometry was restricted to Restricted Crossing U-Turns (RCUT) at the major intersections and implementing J-Turns to accommodate U-turns and intersection thru movements. Mr. Raymond's responsibilities include project management, geometric and hydraulic design, sequence of construction, design of superelevation, earthwork, and tabulation of quantities.
10/12 - Present	**H.009266 / I-10 (LA 73 to LA 30):** *Ascension Parish* – Mr. Raymond is *Project Manager and Lead Road Design Engineer*. This project involves the **widening of approximately 4.5 miles of Interstate 10** from LA 73 to LA 30, including widening three (3) existing bridge structures within the project limits. Project scope includes widening the interstate from two lanes in each direction to three lanes in each direction. Mr. Raymond's responsibilities include project management, geometric and hydraulic design, sequence of construction, earthwork, and tabulation of quantities.
10/10 - Present	**H.013579, H.003047, & H.012290 / Pecue Lane / I-10 Interchange:** *East Baton Rouge Parish* – Mr. Raymond is *Project Manager* and *Lead Roadway Design Engineer* for a Diverging Diamond Interchange (DDI). Mr. Raymond led a team of seven local firms to provide preliminary and final plans for this high-profile project which included City-Parish, DOTD, and Federal involvement and funding. Mr. Raymond designed the proposed roadway and drainage for Pecue Lane. This project includes Louisiana's first Diverging Diamond Interchange (DDI). The project was ultimately broken into three separate phases and design plans to facilitate federal redistribution funding requirements, and the design team was challenged with an **accelerated schedule** as a result. The DDI includes full eastbound and westbound on and off ramps on I-10 and **widens and realigns** Pecue Lane to six lanes with a connector to Rieger Road. To accommodate the ramps, widening of I-10 was necessary.
10/06 - 08/07	**258-31-0015 & 258-33-0006 / Burbank Drive / LA 42 (Bluebonnet to Highland):** *East Baton Rouge Parish* – Mr. Raymond served as *Project Manager and Lead Road Design Engineer*. Mr. Raymond designed and managed the **addition of two new lanes** of rural highway and urban connecting intersections for DOTD and the Baton Rouge Green Light Plan. Designed urban and rural drainage, horizontal and vertical alignments, superelevation, geometrics, joint layouts, graphical grades, sequence of construction, earthwork, and quantities.
11/04-10/06	**014-04-0028 & 014-04-0029 / US 165 (Oberlin to Oakdale):** Allen Parish – Mr. Raymond served as *Project Manager* and *Lead Road Design Engineer* on this project which consisted of widening and improving US 165 between Oberlin and Oakdale, Louisiana. This comprehensive project encompassed over 12 miles of urban and rural roadway in Allen Parish and included the **addition of two new travel lanes**, along with full drainage design and associated infrastructure improvements. Mr. Raymond designed urban and rural drainage, horizontal and vertical alignments, superelevation, geometrics, sequence of construction, earthwork, and quantities.
02/04 - 11/09	**H.007154, H.007152, H.002303 / Stage 1 / Central Thruway:** *East Baton Rouge Parish* – Mr. Raymond served as *Road Design Engineer*. This project involved the design and construction of a **4-lane divided thruway for 5.2 miles on a new alignment** including seven bridges. Also included in the scope of this project was a corridor study, an environmental assessment, topographic surveys, right-of-way maps and property surveys. Mr. Raymond provided engineering design support and he assisted in developing all of the multiple alternatives during the environmental Stage 1 phase of the project
12/98-12/06	**417-01-0015 / LA 28 (LA 121 to LA 465):** Vernon Parish – Mr. Raymond served as *Project Manager* and *Lead Road Design Engineer* on this project which consisted of widening 8.2 miles of LA 28, a rural state highway. The scope of work included the **addition of two new travel lanes**, converting the existing facility into a four-lane highway with a center median, enhancing traffic flow and safety. SKA's responsibilities included full roadway design, all drainage systems and associated infrastructure. Mr. Raymond designed drainage, horizontal and vertical alignments, superelevation, geometrics, 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	23
Title	SENIOR ENGINEER	Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization		B.S. / 2002 / Civil Engineering	
Active registration number / state / expiration date		PE. 0032914 / LA / March 31, 2027	
Year registered	2007	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		*Ms. Gill's role will be Supervising Engineer and oversee QA/QC for this project.*	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; Experience dates should cover the years of experience specified in the applicable MPR(s).
	*Ms. Gill has been a Project Engineer/Design Engineer on multiple classes of roadways and various complex bridge structures for over 20 years with Shread-Kuyrkendall & Associates. Additionally, she has experience with DOTD Stage 0 Feasibility Studies and is proficient in conducting environmental analyses, preparing NEPA documentation, and ensuring project compliance with federal, state, and local environmental regulations. She has experience coordinating with stakeholders, including government agencies, local communities, environmental agencies, and development of planning and environmental documents. She is very knowledgeable of DOTD standards and requirements in addition to the Stage 0 Manual of Standard Practice. Ms. Gill is NEPA Certified (NHI Course No. 142005)*
Stage 0 Feasibility Studies	
08/17 - 05/18	**H.012353.1 / Stage 0 Study / LA 8: Sabine River to US 171:** *Vernon Parish* – Ms. Gill served as *Project Engineer*. The purpose of this **Stage 0** was to assess and identify alternative project concepts that will address existing and future roadway traffic, safety conditions, and access management strategies along LA 8. She met with local and state agencies to determine long term planning needs and requirements. Ms. Gill was responsible for the compilation of the Feasibility Study Report and all Public Meeting material.
05/17 - 05/19	**H.012306 / Stage 0 Study / LA 42: Highland Road at Pecue Lane (Intersection):** *East Baton Rouge Parish* – Ms. Gill served as *Project Engineer*. The purpose of this **Stage 0** Study was to assess and identify alternatives that will address safety and operation concerns at the intersection of LA 42 (Highland Road) and Pecue Lane. Ms. Gill was responsible for overseeing the development of the design alternatives that meet the requirements and needs of the project. She met with local and state agencies to determine needs and requirements. She was responsible for the development of the Stage 0 Feasibility Report.
06/10 - 07/11	**701-65-1404 / Stage 0 Study / LA 447 and I-12 Interchange:** *Livingston Parish* – Ms. Gill served as *Project Engineer*. She evaluated the capacity and safety limitations of LA 447 from Buddy Ellis Road to the Wal-Mart/Winn Dixie signalized intersection just north of Pendarvis Road and offered alternatives for making improvements to the route. Included in these limits is the LA 447 interchange with I-12. Ms. Gill was responsible for the compilation of the **Stage 0** Feasibility Study Report and all Public Meeting material.
09/09 - 11/10	**700-52-0191 / Stage 0 Study / US 190: LA 1089 (Mandeville) to US 11 (Slidell):** *St. Tammany Parish* – Ms. Gill served as *Project Engineer*. The study area of US 190 consists of the intersection of LA 1089 (east of Mandeville, LA) and US 190. The purpose of this **Stage 0** was to assess and identify alternative project concepts that will address existing and future roadway traffic, safety conditions, and access management strategies along US 190 at a point near LA 1089 east of Mandeville to US 11 in the City of Slidell. Ms. Gill was responsible for overseeing the development of the design alternatives that meet the requirements and needs of the project. She met with local and state agencies to determine needs and requirements. She was responsible for the development of the Stage 0 Feasibility Report and all Public Meeting material.
12/08 - 11/09	**700-55-0118 / Stage 0 Study / Replacement of the Houma Tunnel:** *Terrebonne Parish* – Ms. Gill served as *Project Engineer*. She was responsible for developing design alternatives that met the requirements of the area. She met with the South Central Planning & Development Commission to

	determine long term planning needs and requirements. After developing purpose and need, Ms. Gill developed alternatives that are acceptable to the community. Ms. Gill was responsible for the compilation of the **Stage 0** Feasibility Report and all Public Meeting material.
09/08 - 12/09	**701-65-1057 / Stage 0 Study / US 171 Realignment (DeRidder Bypass):** *Beauregard and Vernon Parishes* – Ms. Gill served as *Project Engineer*. The purpose of the **Stage 0** was to investigate the potential realignment of US 171 around the city of DeRidder to reduce traffic congestion and volumes alone existing local streets within the city of DeRidder, as well as along the existing US 171 route., Ms. Gill coordinated all meetings with the state and local officials. She was responsible for alternative routes which were submitted to the public. The location of the bypass was in an environmentally sensitive as well as a physical sensitive area of Beauregard Parish. As a result, Ms. Gill worked closely with residents and officials to minimize impact to the area.
Roadway	
012/23-Present	**20-CS-HC-0015 / Hennessey Blvd. – Perkins Rd. Connector (Perkins Rd. Improvements):** *East Baton Rouge Parish* – Ms. Gill serves as *Supervising Engineer and oversees the QA/QC* for the Perkins Road Improvements Project, which consists of widening Perkins Rd. from Kenilworth Pkwy to approximately 700 feet east of Erica Stanford under the MOVEBR Program. The purpose of the project is to **improve safety** at the intersection of Perkins Rd. and Kenilworth Pkwy and the intersection of Perkins Rd and One Perkins Place. Additional turn lanes and thru lanes are being provided, along with sidewalks and Access Management is being implemented as part of this project. The design services include subsurface drainage design, geometrics, sidewalks and other tasks associated with completing Final Plans. MOVEBR projects are developed with an integrated planning approach that includes community input, concept reports, environmental resource review, **water management strategies, resilience planning, and the exploration of green infrastructure** solutions to enhance sustainability, mobility, and stormwater performance.
03/21 - 01/25	**H.010155 / US 90: Rail Spur Removal SE of LA 85:** *Iberia Parish* – Ms. Gill served as *Supervising Engineer* for the future I-49**,** this project consists of preliminary and final plans for roadway and two (2) parallel bridge structures over an existing at grade railroad crossing at US 90 in Iberia Parish. The existing at-grade railroad crossing will be replaced with a bridge structure crossing the railroad. The existing frontage road (South) will be improved to carry US 90 traffic on a diversion road during bridge construction.
05/13 - Present	**H.002825 / Stage 1 / Nicholson Drive (LA 30) Brightside Lane to Gourrier Ave:** *East Baton Rouge* – Ms. Gill served as *Project Engineer*. This was a **Stage 1** which consisted of an environmental analysis, evaluation, and documentation of the socio-economic and environmental impacts of three (3) alternatives as well as a no-build alternative. The objective was to provide detailed planning and environmental analysis that result in the documentation of an environmental decision. She was responsible for the development of design alternatives in addition to the preparation of a Line and Grade Study and an Environmental Assessment was in accordance with the National Environmental Policy Act (NEPA), the Federal Highway Administration (FHWA), and Louisiana Department of Transportation and Development (LADOTD). MOVEBR projects are developed with an integrated planning approach that includes community input, concept reports, environmental resource review, **water management strategies, resilience planning, and the exploration of green infrastructure solutions** to enhance sustainability, mobility, and stormwater performance.
10/10 - Present	**H.013579, H.003047, & H.012290 / Stage 1 / Pecue Lane / I-10 Interchange:** *East Baton Rouge Parish* – Ms. Gill served as *Environmental Support* for a Diverging Diamond Interchange (DDI). The DDI includes full eastbound and westbound on and off ramps on I-10 and **widens and realigns** Pecue Lane to six lanes with a connector to Rieger Road. To accommodate the ramps, widening of I-10 was necessary. Ms. Gill provided engineering/environmental design support during the environmental Stage 1 phase of the project. She was responsible for the hydraulic design needed for the Wetlands Permit.
02/04- 11/09	**H.007154, H.007152, H.002303 / Central Thruway:** *East Baton Rouge Parish* – Ms. Gill assisted in the engineering design support and she assisted in developing all of the multiple alternatives during the environmental Stage 1 phase of the project. This project involved the design and construction of a **4-lane divided thruway for 5.2 miles on a new alignment** including seven bridges. Also included in the scope of this project was a corridor study, an environmental assessment, topographic surveys, right-of-way maps and property surveys.

16. Staff Experience

Firm employed by	**Shread-Kuyrkendall & Associates, Inc.**		
Name	**Darrell J. Moore, P.E.**	Years of relevant experience with this employer	2
Title	SENIOR ENGINEER	Years of relevant experience with other employer(s)	27
Degree(s) / Years / Specialization		B.S. / 1995 / Civil Engineering	
Active registration number / state / expiration date		PE. 0029346 / LA / March 31, 2027	
Year registered	2001	Discipline	Civil Engineering
Contract role(s) / brief description of responsibilities		*Mr. Moore's role will be Road Design Engineer*	

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; Experience dates should cover the years of experience specified in the applicable MPR(s).
	*Mr. Moore has 29 years of experience in project management, design, bidding, and construction support of roadway plans with DOTD. He has served as fact witness and technical expert in roadway design in tort cases against DOTD. He has represented DOTD in meetings with consultants, contractors, local, state, and federal agencies including public meetings and hearings. He has designed multiple roadway projects including pavement preservation projects, widening projects, new alignments, and intersection improvements throughout the state and is very knowledgeable of DOTD standards and requirements. Experienced in applying LADOTD Complete Streets guidelines to deliver context-sensitive, multimodal infrastructure improvements across urban and suburban corridors.*
	Roadway
012/23-Present	**20-CS-HC-0015 / Hennessey Blvd. – Perkins Rd. Connector (Perkins Rd. Improvements):** *East Baton Rouge Parish* – Mr. Moore serves as *Road Design Engineer* for the Perkins Road Improvements Project, which consists of widening Perkins Rd. from Kenilworth Pkwy to approximately 700 feet east of Erica Stanford under the MOVEBR Program. The purpose of the project is to **improve safety** at the intersection of Perkins Rd. and Kenilworth Pkwy and the intersection of Perkins Rd and One Perkins Place. Additional turn lanes and thru lanes are being provided, along with sidewalks and Access Management is being implemented as part of this project. Mr. Moore's responsibilities include all design services including subsurface drainage design, geometrics, sidewalks and other tasks associated with completing Final Plans. MOVEBR projects are developed with an integrated planning approach that includes community input, concept reports, environmental resource review, **water management strategies, resilience planning, and the exploration of green infrastructure solutions** to enhance sustainability, mobility, and stormwater performance.
08/23-Present	**MA-22-01/ LA 73 Roundabout at Bluff Rd. Connector:** *Ascension Parish* – Mr. Moore serves as *Road Design Engineer*. Mr. Moore assisted in the design of the multi-lane roundabout which includes a southbound channelized right turn lane on LA 73, an eastbound channelized right turn lane on the LA 73 at Bluff Rd. Connector, and is a multilane roundabout only in the northbound and southbound directions. This project, LA 73 Roundabout at Bluff Rd. Connector (MA-22-01), will convert an existing section of LA 73 from three lanes to four lanes with a raised median and curb and gutter providing access management. Three bulb-outs will be added for U-turns and control of access at the end of the project limits and a multi-lane roundabout is being designed at the intersection with the future Bluff Road Connector (MA-20-01) and an existing commercial drive. Access Management is being implemented due to the proximity of the roundabout to I-10 at LA 73. Mr. Moore's responsibilities include geometric and hydraulic design, sequence of construction, earthwork, and tabulation of quantities.
02/02-08/04	**H.000707 (SP 019-30-0016) / LA 964: LA 64 – E. Feliciana P.L.:** *East Baton Rouge Parish* – Mr. Moore was the *Engineer of Record* for the reconstruction of 4.2 miles of LA 964 with the addition of left turn lanes at Rollins and Plains Port Hudson Roads. The project also involved

	approximately 0.5 mile of subsurface drainage and 3.9 miles of sidewalk. Special design consideration was required to avoid impacts at Buhler Plains and Azaela Rest Cemeteries.
01/06-06/13	**H.001263 (SP 052-30-0014) / LA 1: Mansura – Marksville:** *Avoyelles Parish* – Mr. Moore was the *Project Manager and Engineer of Record* for the 3.8 mile widening of LA 1 to a five-lane section. The project included approximately 1.2 miles of subsurface drainage and sidewalks, traffic signals, and was bid with a Portland cement concrete alternate. **Special consideration** and involvement were required with the Tunica-Biloxi Tribe, FHWA and the BIA as LA 1 traverses tribal land near the Paragon Casino. The Tribe and Wal-Mart were also in the process of developing a Cultural Resource Center and a new store, respectively, and coordination was required with their consultants to ensure the needs of all parties were met.
01/18-07/23	**H.002337 / LA 327-S: Bayou Fountain:** *East Baton Rouge Parish* – Mr. Moore was the *Project Manager* and supervised the design of 0.7 mile of subsurface drainage and sidewalk for LA 327-S (Gardere Lane). The project scope originally involved a bridge replacement, but an additional scope of 1.8 miles of overlay, subsurface and sidewalks was added as part of the Road Transfer Program. A CEA with the City/Parish of EBR was required to utilize a detour on local streets.
05/2018-07/23	**H.010815 & H.012842 / LA 124 Extension (Segments 1, 2 and 3):** *Catahoula Parish* – Mr. Moore was the *Project Manager* and supervised the design of the first two projects of **new State Highway LA 124**, as part of the DOTD Road Transfer Program. The entire LA 124 corridor will entail 12.2 miles across four projects. Segments 1, 2 and 3 involve upgrading an existing 3.3 mile private drive, 1.7 miles of existing LA 3102, and 2.6 miles of Parish Road to current DOTD design criteria. The hydraulic design presented challenges as there are rivers in the area and is subject to frequent backwater conditions. There is also a Larto Lake drawdown structure that required coordination with WLF. Other special environmental concerns impacting the design are present with WRP and CRP lands.
08/15-05/17	**H.011897 / LA 30: Ashland Rd to Tanger Blvd and H.011873 / LA 30: Left TL @ Veterans Blvd:** *Ascension Parish* – Mr. Moore was the *Project Manager* and supervised the concurrent design of two projects for interim alleviation of traffic congestion on LA 30. The first project consisted of a one mile continuous right turn lane near Tanger Mall involving traffic signals and was subsequently selected as an Asphalt Pilot Project. The second project was a left turn lane at Veterans Boulevard. The final roundabout configurations was designed by others.
10/20-07/23	**H.010795 / LA 42: Roundabout at Joe Sevario Rd:** *Ascension Parish* – Mr. Moore was the *Project Manager* and supervised the design of a single lane roundabout with subsurface drainage at the intersection of LA 42 and Joe Sevario Road.

16. Staff Experience

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

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

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

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; Experience dates should cover the years of experience specified in the applicable MPR(s).
	*Mr. Shread has experience working as Surveyor and Roadway Design Engineer. Mr. Shread's survey projects consist of topographic surveys, boundary surveys, control surveys, right-of-way surveys, and hydrographic surveys working with various municipalities and various agencies including USCOE, LADOTD, Parish Governments, and Police Juries, He is also a registered Professional Engineer with experience in roadway, including roadway widening projects, new alignments, and pavement preservation and reconstruction projects throughout the state and is very knowledgeable of DOTD standards and requirements.*

Roadway

06/22 - Present	**H.014412 / Jean Lafitte Pkwy: LA 39 to Hermitage Dr.:** *St. Bernard Parish* – Mr. Shread serves as *Project Engineer* and *Road Designer* for this project which consists of full reconstruction of the existing roadway, spot replacement of damaged sidewalks, replacement of ADA street corners, and some minor drainage, water and sewer design.
09/21 - On-Hold	**H.011706 / Baldwin Railroad Crossing Safety Improvements:** *St. Mary Parish* – Mr. Shread serves as *Project Engineer* and *Road Designer* for this project. This project is currently on hold due to utility conflicts. This project involves designing a **new roadway** parallel to the railroad and will eliminate crossing conflict points in an effort to improve safety. The project is approximately 0.47 miles long. Mr. Shread was involved in the geometric design, hydraulic design, quantities, and sequence of construction of the project.
04/21 - 08/22	**H.014051 / Lakewood Dr. Reconstruction:** *St. Charles Parish* – The Lakewood Dr. Reconstruction is the reconstruction of an urban minor collector. Mr. Shread performed the survey for the project. Mr. Shread also assisted with the drainage analysis and design. The purpose was to investigate observed insufficiencies in the subsurface drainage system along the Lakewood Dr. corridor. The study used LADOTD HYDRWIN programs to confirm the capabilities of the existing drainage system along Lakewood Dr.
11/20 - Present	**Port of South Louisiana Road and Parking Area Improvements:** *St. John the Baptist Parish* – Mr. Shread serves as the *Project Engineer* for this project and performed the topographic survey and design for several roadways and parking area improvements located at the Port of South Louisiana Globalplex facility. Mr. Shread also managed the construction administration for the projects that have been completed thus far. This project, although not a LA DOTD project, was done to the LA DOTD's 2016 Standards and Specifications for Roads and Bridges.

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

16. Staff Experience

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

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

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

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

Roadway

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

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

16. Staff Experience

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

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

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

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

Roadway	
03/21 - 01/25	**H.010155 / US 90: Rail Spur Removal SE of LA 85:** *Iberia Parish* – Mr. Partin provided *CADD work* for the future I-49**,** this project consists of preliminary and final plans for roadway and two (2) parallel bridge structures over an existing at grade railroad crossing at US 90 in Iberia Parish. The existing at-grade railroad crossing will be replaced with a bridge structure crossing the railroad. The existing frontage road (South) will be improved to carry US 90 traffic on a diversion road during bridge construction.
05/21 - Present	**MA-22-01/ LA 73 Roundabout at Bluff Rd. Connector** *Ascension Parish* – Mr. Partin provided *CADD work* for the design of the multi-lane roundabout which includes a southbound channelized right turn lane on LA 73, an eastbound channelized right turn lane on the LA 73 at Bluff Rd. Connector, and is a multilane roundabout only in the northbound and southbound directions. This project, LA 73 Roundabout at Bluff Rd. Connector (MA-22-01), will convert an existing section of LA 73 from three lanes to four lanes with a raised median and curb and gutter providing access management. Two bulb-outs will be added for U-turns and control of access at the end of the project limits and a multi-lane roundabout is being designed at the intersection with the future Bluff Road Connector (MA-20-01) and an existing commercial drive. Access Management is being implemented due to the proximity of the roundabout to I-10 at LA 73.
06/20 - 05/22	**H.012588, H.012169, H.012587/ I-10 (Atchafalaya Basin Bridge to LA 415):** *West Baton Rouge and Iberville Parishes* – Mr. Partin provided *CADD work* for these improvements which involved the overlay and raising of the grade by 8". The asphalt paving was tapered at bridges to allow for smooth transitions. DOTD design guidelines were followed to bring the interstate up to the guideline standards. Fill was used on fore slopes to tie in and match the new 8" overlay. Guardrail was replaced using MASH special details. Existing cable barrier was removed and replaced closer to the shoulder to improve maintenance. Underdrains and cross drains were modified as needed. These roadways were pavement preservation/restoration projects.
04/14 - Present	**H.004435 / LA 3241 (LA 36 to LA 435):** *St. Tammany Parish* – Mr. Partin provided *CADD work* for this project which includes three (3) segments of nearly 20 miles of **new alignment** to connect Interstate 12 to the southern terminus of LA 21 in Bush, LA. SKA's contracted segment consists of approximately eight miles of a new alignment in St. Tammany Parish. This new roadway is a four-lane freeway with two new bridges (4 structures total) to span Bayou Lacombe at two different locations, each approximately 500' long. Innovative design alternatives were implemented during design as geometry was restricted to Restricted Crossing U-Turns (RCUT) at the major intersections and implementing J-Turns to accommodate U-turns and intersection thru movements.
10/10 - Present	**H.013579, H.003047, & H.012290 / Stage 1 / Pecue Lane / I-10 Interchange:** *East Baton Rouge Parish* – Mr. Partin provided *CADD work* for a Diverging Diamond Interchange (DDI). The DDI includes full eastbound and westbound on and off ramps on I-10 and **widens and realigns** Pecue Lane to six lanes with a connector to Rieger Road. To accommodate the ramps, widening of I-10 was necessary. Mr. Partin was responsible for creating all the layouts and presentation material associated with the Plans during the environmental Stage 1 phase of the project.
08/10 - 01/15	**H.003107 / French Branch Bridge – West Pearl River Bridge (I-10 / I-12 / I-59):** *St. Tammany Parish* – Mr. Partin provided *CADD work* for this project which included the pavement preservation of the I-10 / I-12 / I-59 Interchange. The improvements and repairs included rubblization, pavement replacement, and overlay for cross slope correction. ***This project was a pavement preservation/restoration project and awarded the DOTD 2016 Transportation Excellence Award.***
10/12 - Present	**H.009266 / I-10 (LA 73 to LA 30):** *Ascension Parish* – This project includes widening approximately 4.5 miles of Interstate 10 from LA 73 to LA 30. Project scope includes widening the interstate from two lanes in each direction to three lanes in each direction, existing bridge widening at three locations within the project limits. Phased construction of bridges at the LA 73 interchange with I-10 requires diversion crossovers and ramp modifications. Mr. Partin is assisting in the CADD work for construction plans, which include typical sections, details, quantity calculations, alignment plan and profile sheets, drainage maps, geometric details, bridge plans and details, and cross sections.

16. Staff Experience

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

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

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

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

	the project limits and a multi-lane roundabout is being designed at the intersection with the future Bluff Road Connector (MA-20-01) and an existing commercial drive. Access Management is being implemented due to the proximity of the roundabout to I-10 at LA 73.
06/20 - 05/22	**H.012588, H.012169, H.012587/ I-10 (Atchafalaya Basin Bridge to LA 415):** *West Baton Rouge and Iberville Parishes* – Ms. Sherman provided *CADD work* for these improvements which involved the overlay and raising of the grade by 8". The asphalt paving was tapered at bridges to allow for smooth transitions. DOTD design guidelines were followed to bring the interstate up to the guideline standards. Fill was used on fore slopes to tie in and match the new 8" overlay. Guardrail was replaced using MASH special details. Existing cable barrier was removed and replaced closer to the shoulder to improve maintenance. Underdrains and cross drains were modified as needed. These roadways were pavement preservation/restoration projects.
12/19 - On-Hold	**MA-17-02/ Roddy Road Widening:** *Ascension Parish* – Ms. Sherman provided *CADD work*. This project consisted of widening Roddy Road in Ascension Parish. Ms. Sherman assisted with the process of creating working drawings, using topographic data, and as built drawings to create an accurate layout for plan and profile sheets, typical sections, and geometric layout. As well as creating clearing and grubbing and right of way plans.
06/17 - On Hold	**H.011923 / Hooper Rd Roundabout at Sullivan Rd (LA 408 at LA 3034):** *East Baton Rouge Parish* – Ms. Sherman provided *CADD work*. Shread-Kuyrkendall & Associates designed project plans for the implementation of a multi-lane roundabout with right turn slip lanes at the intersection at Hooper Rd (LA 408) at Sullivan Rd (LA 3034) in Central. The roundabout is being designed in conjunction with planned improvements to both Hooper and Sullivan Roads to improve safety and operation of the intersection. Ms. Sherman assisted with the process of creating working draws for plan and profile sheets, typical sections, and geometric layout. Due to environmental concerns, this project has been put on hold.
10/16 - Present	**H.009266 / I-10 (LA 73 to LA 30):** *Ascension Parish* – Ms. Sherman provided *CADD work*. This project includes widening approximately 4.5 miles of Interstate 10 from LA 73 to LA 30. Project scope includes widening the interstate from two lanes in each direction to three lanes in each direction, existing bridge widening at three locations within the project limits. Phased construction of bridges at the LA 73 interchange with I-10 requires diversion crossovers and ramp modifications. Ms. Sherman is assisting with the process of creating working drawings, using topographic data to create an accurate layout for plan and profile sheets, typical sections, striping, and signage plans.

16. Staff Experience

Firm employed by URBAN SYSTEMS inc.

Alison C. Michel, P.E., PTOE, PTP, RSP2i
President/Transportation Engineer

Years of relevant experience with this employer	24
Years of relevant experience with other employer(s)	2

Degree(s) / Years / Specialization			BS / 1997 / Civil Engineering
Active registration number / state / expiration date			30261 / Louisiana / 03/31/2027
Year registered	2002	Discipline	Professional Engineer: Civil Engineering
Active registration number / state / expiration date			1023 / Louisiana / 11/06/2026- Professional Traffic Operations Engineering
Active registration number / state / expiration date			626/ 11/20/2026- Professional Transportation Planner
Active registration number / state / expiration date			148/ 03/20/2026 - Road Safety Professional 2i
Contract role(s) / brief description of responsibilities			**Professional In Charge of Traffic Engineering Tasks/ QA-QC**

	Ms. Michel is a leading expert in Traffic Engineering and Transportation Planning. Ms. Michel has extensive design experience that includes permanent and temporary traffic signals, traffic control devices for work zones, intelligent transportation systems, signage and striping. She 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), Synchro and SIDRA.
12/19-01/20	**Gretna US 90 Stage 0** The task of determining potential intersection improvements for further study at the intersections of US 90 Business (Westbank Expressway) at LA 23, Lafayette St and Huey P. Long Ave was managed by Ms. Michel. She coordinated the deployment of traffic data collection equipment and conducted a field visit for geometric reviews and collection and queue/unmet demand data. She reviewed existing conditions capacity analysis of the intersections US 90 Business (Westbank Expressway) at LA 23 and Lafayette St. The data collection, results of capacity analysis and potential intersection improvements were summarized and included in the overall **Stage 0 Feasibility** report for the New Orleans Regional Planning Commission.
01/09-04/10	**Houma-Thibodaux to LA 3127 Connection Environment Impact Statement** Project Manager for the traffic study portion of a **Stage 0 Feasibility Study** to evaluate alternative traffic control at the intersection of LA 20 (Canal Boulevard/Jackson Street) at Thompson Place/Back Street to provide access to accommodate a proposed east-west connector road through Thibodaux, LA. The subject intersection is a five-legged intersection formed by Jackson Street, Back Street, Thompson Place, and Canal Boulevard. Volume and intersection control data were analyzed using HCS+ software for the unsignalized and signalized intersections and SIDRA software for roundabouts to generate Level of Service and delay estimates for each location. Intersection geometry was modeled using VISSIM software to determine the expected operation. Roundabouts were analyzed using SIDRA software.

01/11-04/12	**Neighborhood Planning Stage 0 Feasibility Study Orleans Parish** Ms. Michel was the project manager for a traffic study and analysis for the Neighborhood Planning **Stage 0 Feasibility Study** for transportation improvements along St. Bernard Avenue between I-610 and Filmore Avenue in the Bayou District neighborhood in New Orleans, LA. The study included data collection, conceptual development plans and a comparative analysis of standard intersections, and roundabouts design using VISSIM modeling. The study was conducted with community involvement that included a planning charette and PAC in an effort to support livable community goals.
08/09-06/11	**Widen US 190 from LA 1089 to US 11 Stage 0 Feasibility Study and Environmental Inventory** Ms. Michel was project manager for a **Stage 0 Feasibility** traffic study of existing and projected future traffic operations for the widening of US 190, from LA 1089 near Southeast Louisiana Hospital to US 11 in Slidell, approximately 18 miles. Traffic scenarios were developed for multiple Build alternatives which included three lanes, divided and five lane sections. The traffic study included: data acquisition; trip generation, traffic assignments and forecasting; and traffic analysis using Highway Capacity Software, (HCS+).
01/14-08/19	**US 90 (I-49 South) Albertson's Parkway to Ambassador Caffery Design-Build Project** Ms. Michel was a member of the key personnel for this design-build project as the Traffic Engineer. The project included converting US 90 to a controlled access facility by converting at-grade intersections to an interchange. The bridge structure had to span the intersection and railroad. She supervised the design and analysis and performed QA-QC for temporary and permanent signal plans, permanent signage plans, temporary traffic control plans and the Transportation Management Plan. Signal plans were prepared using the DOTDs latest TSI format. Analysis included developing design hour volumes for the design year and modeling signals in Synchro. Phasing and timing were developed for both permanent and temporary signal operation. Ms. Michel supervised staff and assisted with services during construction including responding to inquiries and preparing adjusted Traffic Control Plans for unforeseen conditions during construction.
09/09-06/12	**LA39/Judge Perez Drive Corridor, St. Bernard Parish Metropolitan Transportation Plan Refinement** Ms. Michel was the project manager on the St. Bernard Parish, LA Metropolitan Transportation Plan Refinement, specifically for this task order, a Stage "0" Feasibility Study, LA 39 /Judge Perez Drive at LA 47/Paris Road, Chalmette, LA. The feasibility of implementing proposed improvements including a westbound right turn lane and an additional southbound left turn lane at the intersection of LA 39 (Judge Perez Drive) and LA 47 (Paris Road) was evaluated. Ms. Michel presented the conclusions and recommendations to the St. Bernard Parish Council and the Regional Planning Commission.
01/17-08/17	**UPWP Land Use and Transportation Study: East LaPlace Sub-Area Analysis** This land use and transportation study in East Laplace, Louisiana was conducted to analyze traffic and related data to recommend new or improved policies to enhance traffic circulation, walkability, ADA accessibility and safety for all transportation modes. Tasks included the review of crash data for trends and comparisons to statewide averages; the analysis of a potential roundabout, transportation hub, shared use path and the evaluation of various alternatives for the ped-bike route. Ms. Michel managed the staff working on the project and performed QA-QC.

16. Staff Experience

Firm employed by URBAN SYSTEMS inc.

Nicole Stewart, P.E., PTOE
Vice President / Transportation Engineer

Years of relevant experience with this employer	19.5
Years of relevant experience with other employer(s)	1.5

Degree(s) / Years / Specialization			BS / 2004 / Civil Engineering
Active registration number / state / expiration date			34750 / Louisiana / 09/30/2027
Year registered	2009	Discipline	Professional Engineer: Civil Engineering
Active registration number / state / expiration date			2923 / Louisiana / 08/14/2027- Professional Traffic Operations Engineering
Contract role(s) / brief description of responsibilities			**Traffic Engineer/Design Analysis**

	Ms. Stewart offers broad expertise in Traffic Engineering and Transportation Planning and is a Professional Traffic Operations Engineer. Ms. Stewart has extensive experience in planning studies for government agencies, local jurisdictions and private developers. She has designed numerous Traffic Control Devices Plans to meet LADOTD and MUTCD standards. Ms. Stewart has experience in conducting corridor studies, safety studies and traffic impact studies. She has completed technical training for a wide variety of topics including designing streets for bicycle safety and designing pedestrian facilities for safety and accessibility. She has completed the LADOTD sponsored Highway Safety Manual Workshop, Traffic Signal Operations Specialist (TSOS) Refresher Course, and Traffic Engineering Analysis Process & Report (TEPR) Modules 1, 2, & 3.
10/15-06/15	**MacArthur Interchange Completion Phase II TMP** The design team was led by Ms. Stewart for the preliminary traffic signal design and the Traffic Management Plan (TMP) for proposed interchange modifications on US 90 (Westbank Expressway). Tasks for this work include conducting capacity analysis, safety analysis, detour analysis and developing proposed mitigations where applicable. Ms. Stewart was responsible for the QA/QC for this stage of the project.
01/09-07/10	**Stage 0 Feasibility Study and Environmental Inventory I-10 from I-610 to Twin Spans Increase Capacity and Raise to Prevent Flooding** 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.
07/18-01/19	**US 90 at Collins Diboll Drive** Ms. Stewart was the Principal in Charge for the signal modification plans for the widening of the Ochsner Hospital driveway/ Collins Diboll Drive in Luling, Louisiana. This modification included upgraded video detection, push button activated pedestrian signals as well as new timing

	and phasing. The signal modification plans were prepared using the latest LADOTD TSI format. Ms. Stewart also prepared the LADOTD signal permit application on behalf of Ochsner.
10/13-06/14	**US 11 Access Management and Complete Street Improvements Stage 0 Feasibility Study** The safety analysis of the US 11 corridor in Slidell, LA **Stage 0 Feasibility Study** was conducted by Ms. Stewart. This included applying the Highway Safety Manual's Crash Modification Factor's (CMFs) to the proposed alternatives to estimate the change in crash rate that could be expected with each. Ms. Stewart also calculated the number of conflict points for each type of intersection included in the No Build and Build alternatives including all driveways and cross streets. The conflict points were presented in graphical form and the number of conflict points for the entire corridor were compared to estimate the potential safety benefits of each alternative.
09/14-05/20	**I-49 South (Raceland to the Westbank Expressway)** 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 collections report and traffic distributions for thirteen proposed interchanges.
03/10-01/14	**Houma-Thibodaux to I-10 Connection North-South Corridor Environmental Impact Statement** Ms. Stewart evaluated new alignments to connect US 90 to LA 3127 to establish a new north-south corridor to link the existing interstate system to the future I-49 South and provide an alternate route during hurricane evacuations. Ms. Stewart conducted an analysis to evaluate traffic operations for the various alternatives and to recommend lane configurations for the terminal intersections. At the completion of the study Ms. Stewart performed the QA/QC for the Level 2 Transportation Management Plan that was prepared for the final corridor alignment.
10/06-07/11	**Motiva Facility Traffic Safety Assessment** Ms. Stewart was the Lead Engineer for a traffic safety assessment of the operation of the main entrance to the Shell Chemical/Motiva Facility, Norco, LA in St. Charles Parish. The entrance is a signalized intersection at US 61 (Airline Highway) and 9th Street. At this intersection, the operation of the security gate, truck scale, vehicular, bicycle and pedestrian access was observed identifying existing safety issues and potential short term and long-term improvements.
05/23-08/24	**Establishment of an Overlay Zone for the US 90 Corridor** As the lead Traffic Engineer, Ms. Stewart identified access management techniques to improve traffic flow on US 90 within the study area. She made recommendations based on a review of LADOTD Policies, and the strategic placement of median openings and U-turns to improve capacity and reduce conflict points on the corridor. Ms. Stewart attended public meetings to present concepts and respond to comments regarding traffic and safety.

16. Staff Experience

Firm employed by URBAN SYSTEMS inc.

Christine M. Darrah, P.E.
Transportation Engineer

Years of relevant experience with this employer	10
Years of relevant experience with other employer(s)	20

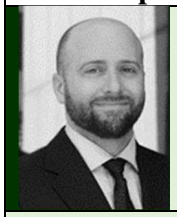
Degree(s) / Years / Specialization			BS / 1997 / Civil Engineering
Active registration number / state / expiration date			25828 / Louisiana / 09/30/2027
Year registered	1999	Discipline	Professional Engineer: Civil Engineering
Contract role(s) / brief description of responsibilities			**Conceptual Alternatives, Cost Estimation**

	Ms. Darrah has experience in Transportation/Civil Engineering including maintenance of traffic, roadway design plans and specifications, construction management and quality control. She is proficient in the use of AutoCAD, Adobe Illustrator, and Highway Capacity Software (HCS). She also has experience using MicroStation and TransCAD. Ms. Darrah is also skilled in developing temporary striping and signage plans for various conditions including lane closures, road closures, flagging operations and full detour plans. Ms. Darrah has experience in preparing traffic signal design plans in LADOTD and EBR formats. This includes timing/phasing analysis, Data Collection, Safety studies, Crash Data Analysis, and Pedestrian Accommodations. Her many years and wide variety of experiences are valuable during studies, design development and especially QA/QC. She has conducted QA/QC for roadway plan preparation, drainage design, signal design, and calculating quantities for cost estimates based on LADOTD, East Baton Rouge Parish and/or City of New Orleans standards. Ms. Darrah is *Water Wise NOLA certified Green Infrastructure Professional 1* by the Louisiana Urban Stormwater Coalition.
09/14-08/16	**LA 415 Stage 0 Corridor Study** 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 to 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, and development of projected models for each alternative. She also managed the sub-consultant who prepared the geometric layouts.
07/23- ongoing	**MDOT Low Cost Safety Improvement Project (District 7, MS)** Ms. Darrah conducted the initial inspection of nine rural intersections to identify potential safety improvements in District 7. She utilized MDOT signage templates to select the most appropriate signage and striping to increase the visibility of the intersection to motorists on the state highway. She also reviewed the quantities calculated for each intersection that will later be used for cost estimation.
03/16-01/19	**I-10/Loyola Environmental Assessment Interchange Improvements** Ms. Darrah assisted the project team that prepared for 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 preparing the Data Collections Report ,preparing presentations used for three public outreach events, and performing QA/QC for traffic volumes.

08/20-11/20	**Carencro Distribution Center Traffic Impact Study** 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.
06/21-10/21	**MSY Entrance Road Capacity, North Terminal Louis Armstrong New Orleans International Airport** Ms. Darrah prepared temporary and permanent striping and signage plans for the widening of the Southbound Airport Access Roadway, realignment of TNC Road, and widening of Northbound Airport Access Rd. As part of this project, she performed a comprehensive review of the adjacent Airport Access Rd Improvements included in the I-10/Loyola Interchange Improvement project. The proposed improvements required temporary closure of one lane of the airport roundabout, roundabout slip lane and right lane of Northbound Airport Access Rd.

16. Staff Experience

Firm employed by URBAN SYSTEMS inc.



Matthew H. Morgan, P.E., PTOE
Transportation Engineer

Years of relevant experience with this employer	12
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 / 03/31/2027
Year registered	2022	Discipline	Professional Engineer: Civil Engineering
Active registration number / state / expiration date			5893 / 3/19/2028 – Professional Traffic Operations Engineer
Contract role(s) / brief description of responsibilities			**Data Collection , Traffic Forecasting & Operational Analysis**

	Mr. Morgan has experience with Traffic Engineering/ Transportation planning projects that ranges from starting as a Data Collection Manager while in college to an E.I and a P.E. and now a PTOE. 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 Studies, Transportation Management Plans, and a variety of other studies. Mr. Morgan's design experience includes traffic signal,signage and striping . He has been heavily involved in complete streets projects with a focus on bike/ pedestrian facilities. Morgan's wide range of experience will bring creativity and innovation to roadway projects when traditional methods won't meet the unique needs of the community. He is proficient in the following software: PetraPro, TraxPro, MetroCount, Excel, AutoCAD, SIDRA, HCS, SIDRA, VISSIM, CORSIM, and Adobe Suite.
01/22-01/23	**Manchac Greenway** Mr. Morgan conducted the traffic study for the New Orleans Regional Planning Commission and communicated progress to a Project Management Committee (PMC) composed of sub-consultants, St. John The Baptist Parish, LADOTD, representatives from LaPlace, LA, and Friends of the Manchac Greenway. Mr. Morgan conducted in-person site observations of the study area which included assessment of current multi-modal facilities, potential areas for future multi-modal facilities, vehicular traffic patterns as well as any other factors that could impact the development of conceptual alternatives for the greenway. Mr. Morgan coordinated the data collection effort to collect 7-day 24-hour vehicular, pedestrian, and bicycles volumes, vehicular and bicycle turning movement counts, vehicular driveway counts and speed data throughout the study area. Multiple concepts to extend the Manchac Greenway and increase interconnectivity between neighborhoods near the proposed greenway corridor were developed by Mr. Morgan.
03/16-08/18	**Future I-49 South Study (Raceland to Westbank Expressway), Stage 1** The study area spanned US 90 from Raceland to Westbank Expressway. 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

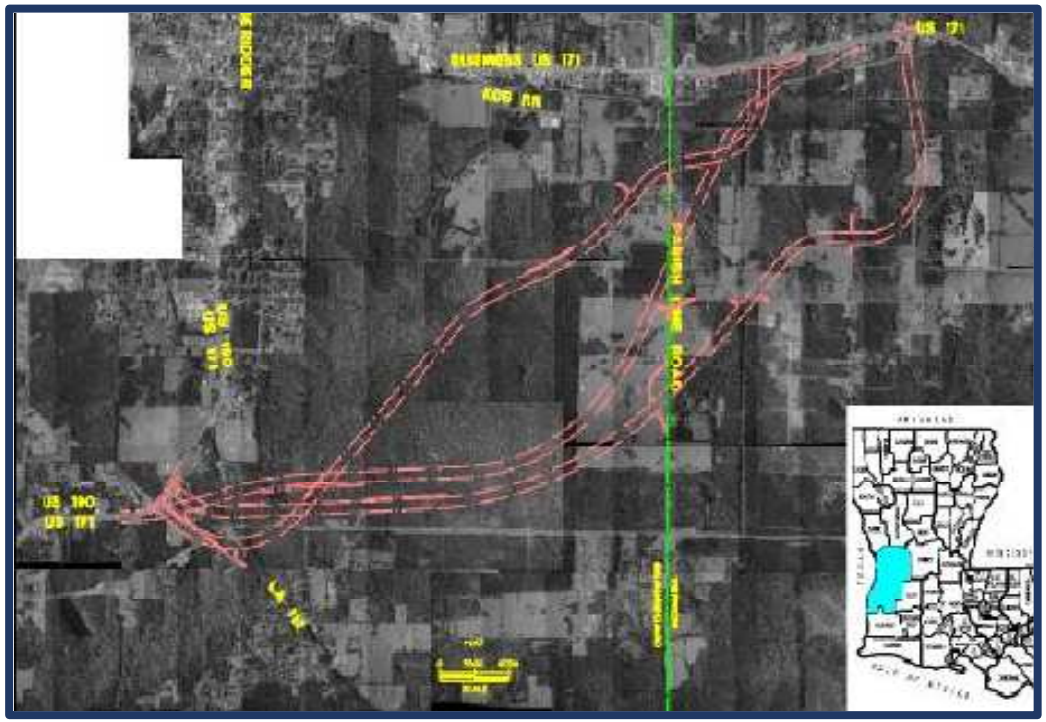
	development of figures and tables to present the data. He utilized LADOTD's resources and tools during the study phase for analysis of existing conditions.
03/19-04/20	**St Charles Parish - Economic Impact Analysis for Hwy 90** The objective of the St Charles Parish Economic Impact Analysis for Hwy 90 was to assess the economic impact caused by the LOSS of use of Hwy 90 from Des Allemands to Jefferson Parish due to a flood event. Mr. Morgan led in the data collection and analysis effort which included visually classifying vehicles, determining origin destination routes, collecting weekly vehicle flow data, and creation of data tables.
07/22-05/24	**LA 3127 Widening** Mr. Morgan conducted in-person site observations at study intersections during the critical peaks of traffic to identify queuing, circulation, and driving patterns, as well as any other factors that impact traffic operations. He coordinated the data collection effort to obtain 7-day, 48-hour and, turning movement counts as well as speed data on the study corridor. Mr. Morgan summarized the traffic data collected, the observations, existing study area conditions, and the projected growth rate for the area in Appendix A, Appendix B, and Chapter 1 format following the TEPR. These and Chapter 2 with Appendices C & D which summarized the Existing Safety Analysis and the Existing Conditions Capacity Analysis have been approved by LADOTD. Ongoing tasks include identifying potential **improvements at the intersections** of LA 3127, LA 3213 and at LA 20.
06/20-03/21	**Destrehan TIA** The objective of the Destrehan TIA was to assess the impact of a proposed mix use development on LA 44 in St. Charles Parish, LA. Mr. Morgan led in the analysis effort which included preparing trips generated by the proposed development, distributing project trips to the study area, analyzing the proposed project driveways with Highway Capacity Software, determining lane configurations for the proposed project driveways, and summarizing all findings and data into a draft report.
03/19-04/22	**LA 3127 Extension Stage 0** Mr. Morgan led data collection efforts on the **Stage 0** study area roadways. He organized obtaining flow and turning movement counts and report guidelines using video cameras and pneumatic tubes. He also assisted in the collection of speed data using hand-held radar devices. Mr. Morgan conducted warrant analysis for turn lanes and traffic signals. He performed travel time runs and assisted with report preparation.

17. Firm Experience

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

100% of work was performed in Louisiana

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



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

17. Firm Experience

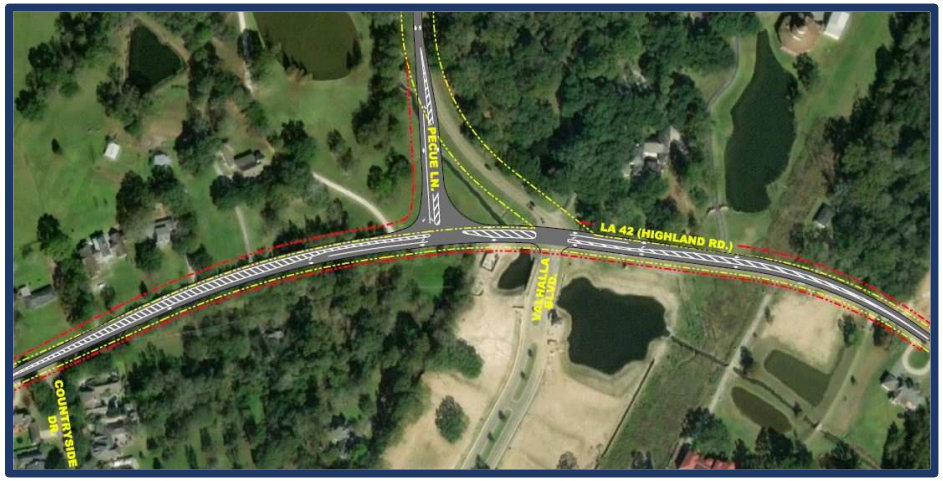
Firm name	**Shread-Kuyrkendall & Associates, Inc.**		Past Performance Evaluation Discipline(s)*	Planning	
Project name	**Stage 0 Study / LA 42: Highland Road at Pecue Lane (Intersection)**		Firm responsibility (prime or sub?)	Prime	
Project number	H.012306.1	Owner's name	LADOTD		
Project location	East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

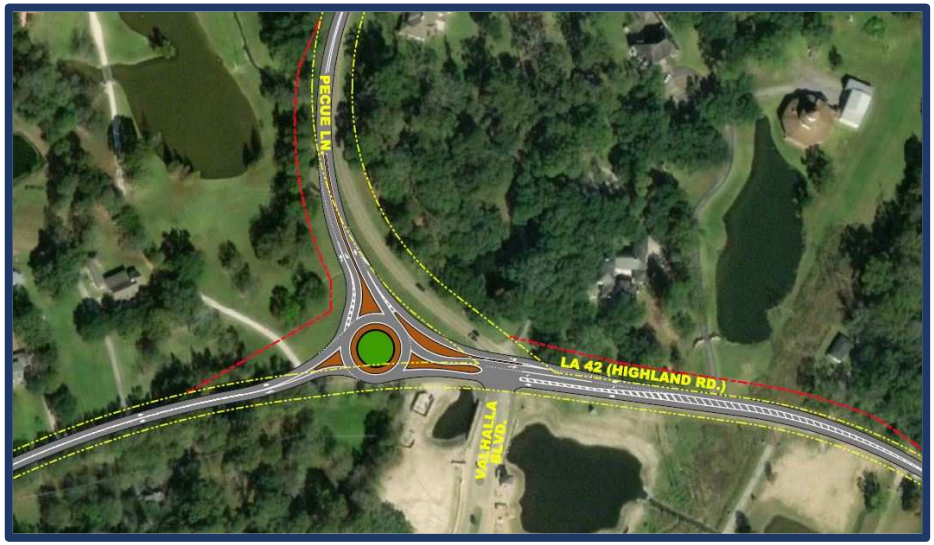
100% of work was performed in Louisiana

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

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

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





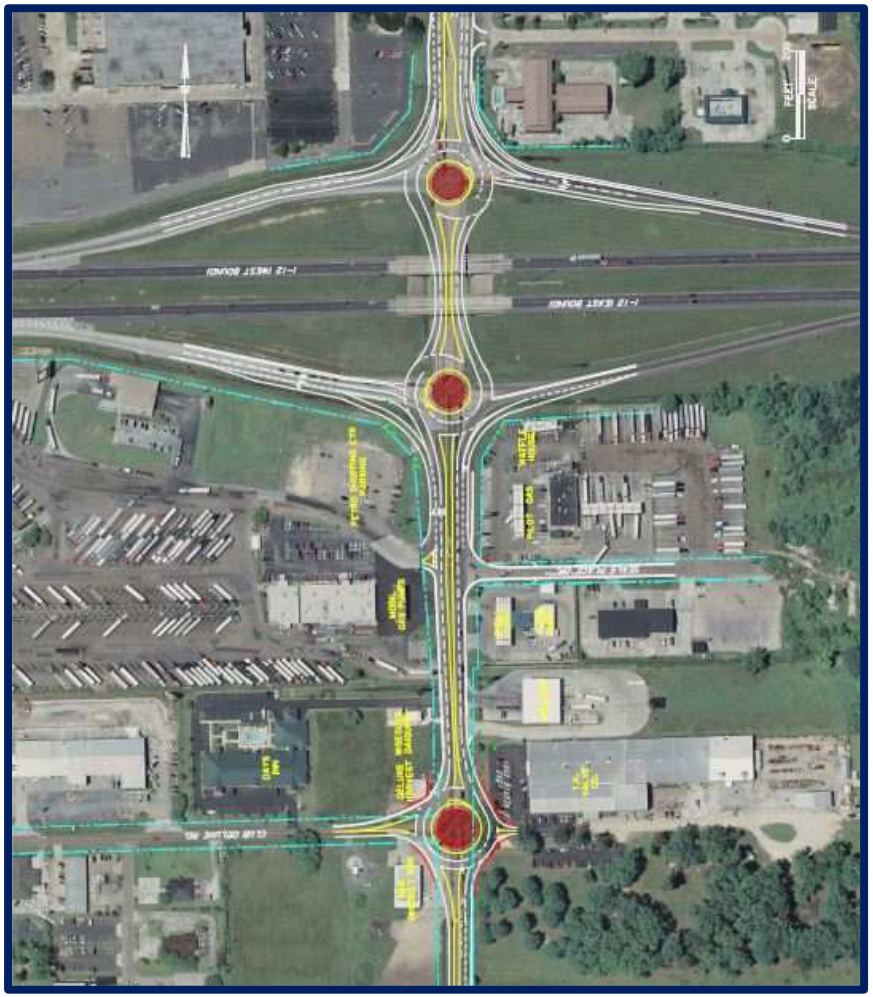
Firm Members Involved:
Ripley W. "Gary" McClure, P.E.
John P. Raymond, P.E.
Niccola D. Gill, P.E.
James Partin

17. Firm Experience

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

100% of work was performed in Louisiana

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

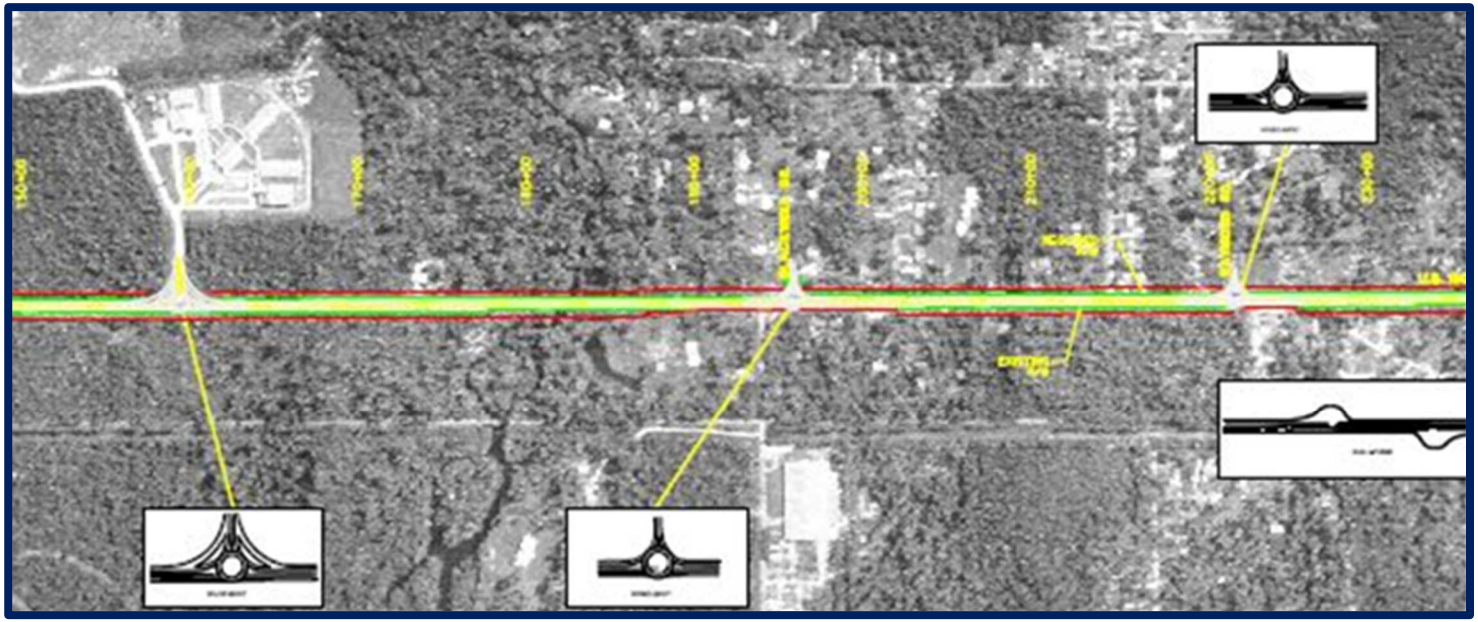


Firm Members Involved:
Ripley W. "Gary" McClure, P.E.
John P. Raymond, P.E.
James Partin

17. Firm Experience

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

100% of work was performed in Louisiana



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

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

14. Firm Experience

Firm name	**Shread-Kuyrkendall & Associates, Inc.**		Firm responsibility (prime or sub?)		Prime
Project name	**LA 73 to Bluff Road (LA 928) Connector**				
Project number	MA-20-01	Owner's name	Ascension Parish		
Project location	Ascension Parish		Owner's Project Manager	Jeff Burst, P.E.	
Owner's address, phone, email	615 Worthy St., Gonzales, LA 70737/ (225)368-2869 / Jburst@hntb.com				
Services commenced by this firm (mm/yy)	12/20	Total consultant contract cost ($1,000's)			$ 603
Services completed by this firm (mm/yy)	Present	Cost of consultant services provided by this firm ($1,000's)			$ 451

100% of work was performed in Louisiana

The LA 73 corridor in Ascension Parish is experiencing significant congestion problems due to changes in population and land use in the area resulting in increased traffic volumes. In 2018, a **traffic and feasibility study** were initiated to improve operations along this corridor from LA 74 to LA 621. In 2022, Shread-Kuyrkendall & Associates (SKA) completed final design for the LA 73 to Bluff Road (LA 928) **Connector Project** (MA-20-01), with a scheduled letting summer 2024. This project is **new alignment** of a two-lane roadway from Bluff Road to LA 73. The Connector will become the main method of travel between LA 73 and Bluff Road for this area. On Bluff Road the entrance to the connector will be located between C Braud Rd. and Crestway Ave. On LA 73 the connector will be located between Mission Street and Oak Plaza Ave. SKA was contracted to design the LA 73 Roundabout at Bluff Rd. Connector as part of an additional contract.

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

17. Firm Experience					
Firm name	URBAN SYSTEMS inc.		Discipline(s)*	Traffic	
Project name	**LA 3234 Extension from LA 1065 - Hammond Airport**			Firm responsibility (prime or sub?)	Sub
Project number	Contract no. 4400005890 Task Order No. H. 012345.1	Owner's name	LADOTD		
Project location	Union Parish, LA		Owner's Project Manager	LaDarien Beene	
Owner's address, phone, email	1201 capital Access Road Baton Rouge, LA , 70802, 225.379.1232, Ladarien.beene@LA.Gov				
Services commenced by this firm (mm/yy)	03/15		Total consultant contract cost ($1,000's)	Unknown	
Services completed by this firm (mm/yy)	11/19		Cost of consultant services provided by this firm ($1,000's)	$132.1	

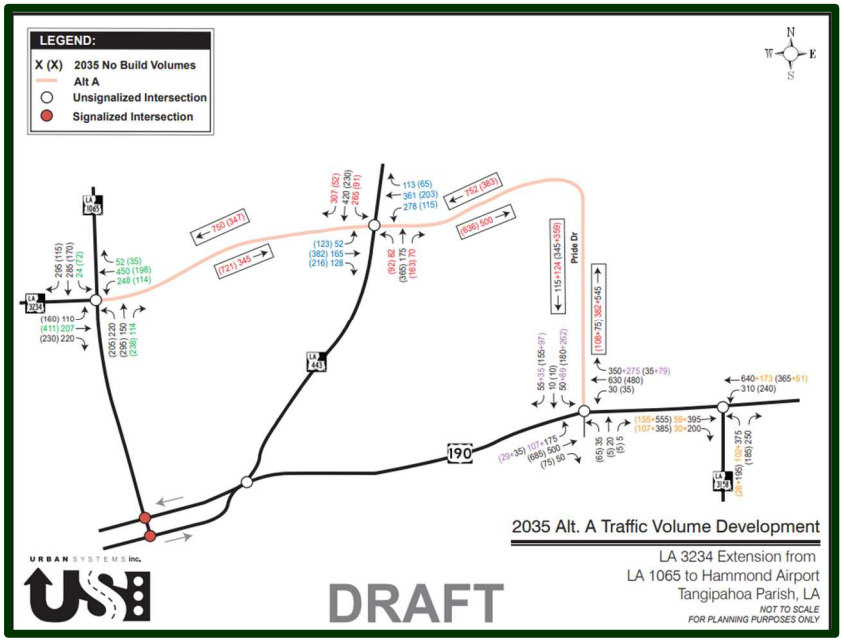
100% of work was performed in Louisiana

Urban Systems conducted a traffic study to analyze the existing and projected future traffic conditions of **proposed extensions** of LA 3234 from LA 1065 to the Hammond Airport in Hammond, LA. The study was a continuation of a previous **Stage 0** to analyze additional intersections not studied in the Stage 0.

Urban Systems' role included collecting updated data regarding the existing traffic system. The tasks included the evaluation of collected traffic volumes and inventory of existing roadway geometric features. Initial and Final Data Collection Reports were prepared summarizing the data collection methodology, peak period determination and field observations.

USI developed future traffic volumes using updated traffic data and TransCAD data for projected growth. Crash histories were reviewed and diagrammed to evaluate safety concerns. Safety, capacity and geometric analysis were performed to establish existing issues as a baseline to judge the impact of the alignments and future growth. The average daily traffic from each alternative TransCAD model was used to determine the appropriate roadway cross section. A VISSIM model is being developed to show the alignments visually.

USI staff conducted public outreach via a Public Hearing.



Firm Members Involved:
Alison Catarella Michel
Nicole Stewart
Christine Darrah
Percina Weathersby

17. Firm Experience					
Firm name	URBAN SYSTEMS inc.		Past Performance Evaluation Discipline(s)*	Traffic	
Project name	**Stage 0 Feasibility Study – City of Gretna Westbank Expressway (US 90) Access Roads and Primary Intersection Improvements**		Firm responsibility (prime or sub?)	Sub	
Project number	RPC Task A-2.18;FY-18 UPWP	Owner's name	Regional Planning Commission		
Project location	New Orleans, LA		Owner's Project Manager	Jeff Roesel	
Owner's address, phone, email	110 Veterans Memorial Blvd, New Orleans, LA 70124, 504.483.8555, jroesel@norpc.org				
Services commenced by this firm (mm/yy)	12/19	Total consultant contract cost ($1,000's)		$50	
Services completed by this firm (mm/yy)	04/20	Cost of consultant services provided by this firm ($1,000's)		$24	

100% of work was performed in Louisiana

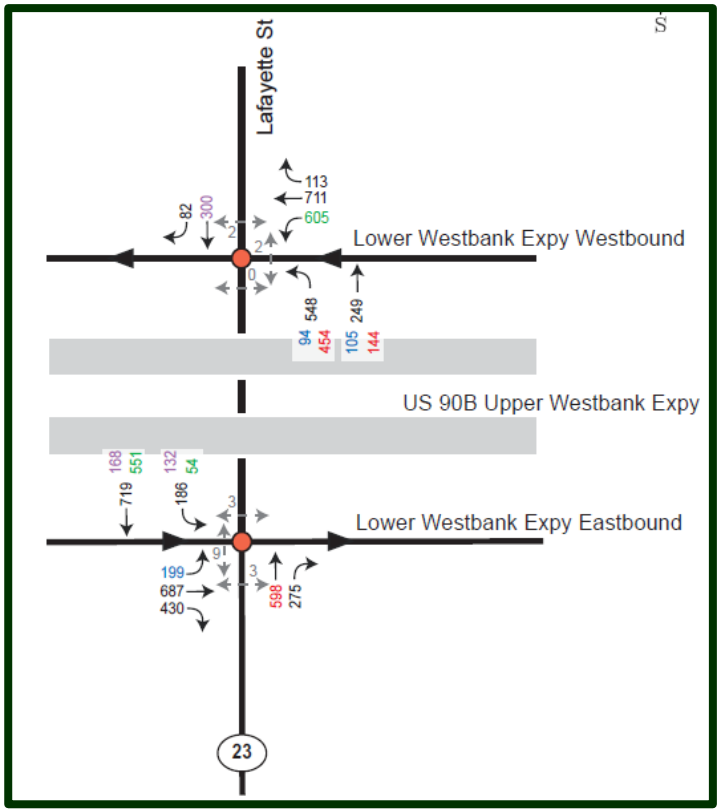
Urban Systems was tasked with providing Professional Traffic Engineering services for a **Stage 0 Feasibility Study** in the City of Gretna.

Urban Systems' role in the project began with collecting traffic data at the intersections of US 90 Business (Westbank Expressway) at LA 23 and Lafayette St. Forty-eight hour approach counts and turning movement counts were both collected. Urban Systems personnel collected queue and unmet demand counts in the field and conducted geomatric field checks to review existing Traffic Signal Inventories.

A unique part of the traffic data collection was the determination of origin/destination counts. The close proximity of the signalized intersections made the vehicle origin/destination information very important.

Urban Systems also conducted existing conditions capacity analysis of the US 90 Business (Westbank Expressway) at LA 23 and Lafayette St intersections. The existing conditions capacity analysis was conducted to aide in determining potential intersection improvements to improve operating conditions.

A review of the field observations and existing conditions capacity analysis led to multiple low cost intersection improvements to be studied in more detail in Stage 1.



Firm Members Involved:
Alison Catarella Michel
Matthew Morgan

17. Firm Experience					
Firm name	URBAN SYSTEMS inc.			Past Performance Evaluation Discipline(s)*	Traffic
Project name	**I-49 South (Raceland to Westbank Expy)**			Firm responsibility (prime or sub?)	Sub
Project number	**15-027**	Owner's name	LADOTD		
Project location	Lafourche, St. Charles & Jefferson Parishes		Owner's Project Manager	Jay Leblanc	
Owner's address, phone, email	4171 Essen Lane, Baton Rouge, LA 70809				
Services commenced by this firm (mm/yy)	03/16	Total consultant contract cost ($1,000's)		Unknown	
Services completed by this firm (mm/yy)	01/19	Cost of consultant services provided by this firm ($1,000's)		$218.3	

100% of work was performed in Louisiana

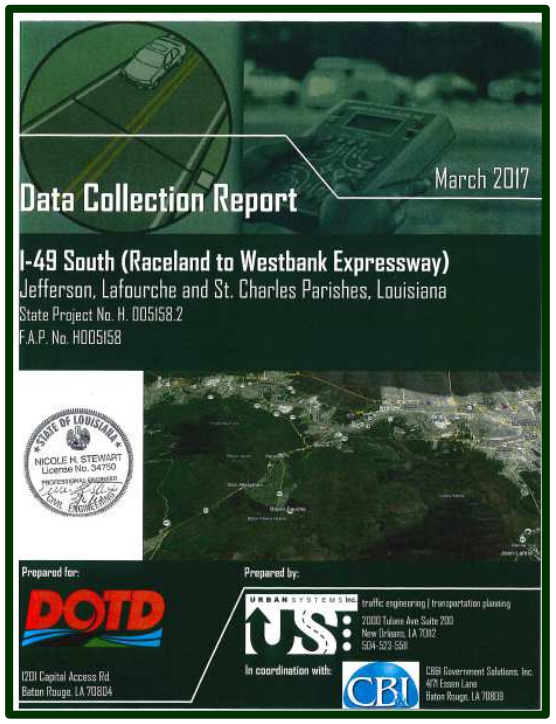
The purpose of this project was to conduct a Line and Grade study and a Supplemental Environmental Impact Statement (SEIS), beginning at the interchange of US 90 with the LA 1/LA 308 Interchange in Lafourche Parish, and extending eastward to the elevated Westbank Expressway in Jefferson Parish.

As a sub-consultant Urban Systems role included traffic data collection and assisting with a Tier 1 Interchange analysis for the thirteen (13) proposed interchanges.

The initial data collection efforts included seventeen (17) seven-day volume counts with classification and one-hundred ninety-one (191) 48-hour volume counts. The data was reviewed to identify the hours for the collection of peak periods turning movement counts. Following the approval of the peak period times turning movement counts were collected at sixty-seven (67) locations and fifteen-minute spot counts were collected at ninety-three (93) locations.

Speed data was collected at eighteen (18) locations. Speed data was reviewed and the 95th, 85th and 15th percentile speeds, and the 10 miles per hour pace speed range were determined. Figures presenting the traffic and speed data were prepared for inclusion in the Data Collection Report.

The rerouting of traffic volumes was estimated for modification of the existing US 90 corridor to the proposed access controlled I-49 S corridor based on the proposed interchange locations. The volumes were forecast to the design year. The growth rate was developed using LADOTD historical daily traffic volumes and the methodology outlined in the LADOTD *Traffic Engineering Analysis Report Requirements* for *Growth Rate Forecasting without a Model*.



Traffic Signal Warrant analysis was conducted for the existing signalized intersections per the LADOTD EDSM.Various interchange configurations were evaluated based on design year traffic volumes using CAP-X software. Other factors considered included volume of critical movements, operation of critical movements and access to I-49 to determine a traffic operations ranking for inclusion in the Tier 1 Matrix.

Firm Members Involved:
Alison Catarella Michel
Nicole Stewart
Matthew Morgan

18. Approach and Methodology

EXPERIENCE

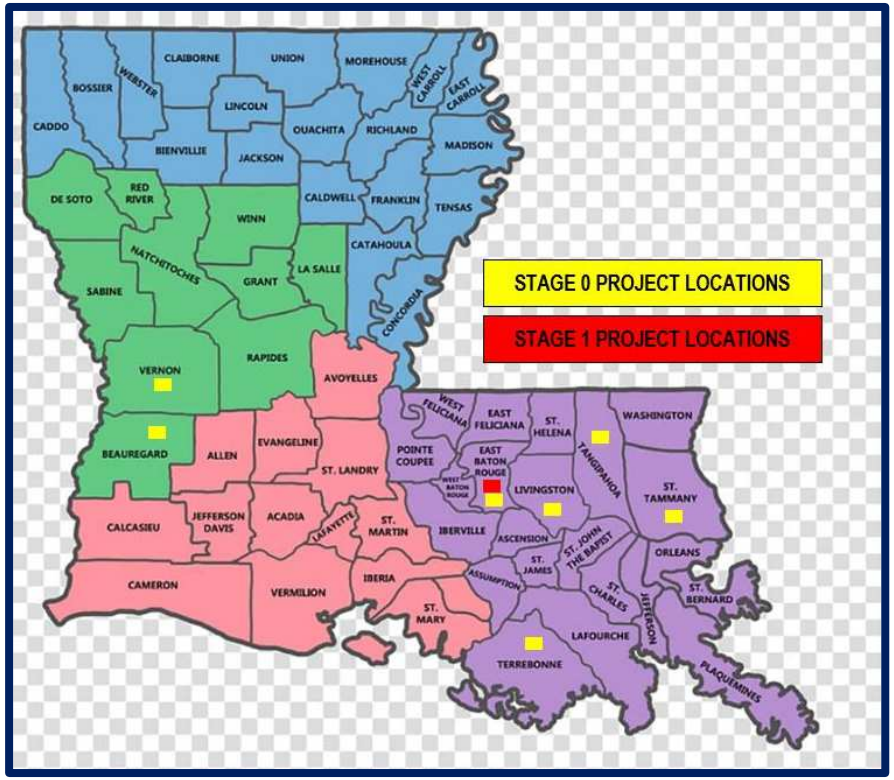
Shread-Kuyrkendall & Associates, Inc. (SKA) has over 40 years of successful LADOTD experience and has worked closely with LADOTD on multiple types of projects for roadway, bridge, safety, **Stage 0 Feasibility Studies** and pavement preservation for both Interstate and Non-Interstate Roadways. SKA utilizes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

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

UNDERSTANDING

Having consulted with LADOTD on multiple **Stage 0 Feasibility Studies**, SKA understands that the LADOTD Stage 0 Feasibility Study Contracts serve as a critical first step in the project development process, evaluating the need, feasibility, and potential impacts of proposed transportation improvements. These studies are conducted in accordance with LADOTD's Stage 0 Manual, ensuring compliance with federal and state requirements for environmental review, public involvement, and interagency coordination. SKA is fully prepared to deliver comprehensive feasibility studies that address purpose and need, alternatives analysis, traffic and safety considerations, environmental constraints, and stakeholder engagement, ultimately supporting informed decision-making and a seamless transition to subsequent project development phases. SKA in conjunction with USI has experience in multiple Stage 0 Contracts with LADOTD varying from roadway, bridges, tunnels, and roundabouts as shown below:

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



APPROACH

Our goal is to deliver a high-quality product that meets the needs of LADOTD and all project stakeholders. SKA takes pride in our ability to maintain project schedules and collaborate closely with LADOTD's Project Manager throughout the process. Our current workload allows us the flexibility to provide staff availability as needed to begin work promptly. SKA's team has extensive experience with numerous Stage 0 contracts, providing consistency and continuity that benefit future project phases. Most of our staff have been with SKA for over 20 years, with many of our managers serving even longer. This longevity reflects not only our team's deep experience but also our strong understanding of the Stage 0 Delivery Process and our commitment to supporting LADOTD's goals. SKA will utilize **Niccola Gill, PE** as Supervising Engineer overseeing QA/QC. Ms. Gill has over 20 years of experience with SKA as well as working with LADOTD. SKA's approach for delivering a quality stage 0 feasibility report is summarized as follows:

ESTABLISH A CLEAR UNDERSTANDING OF LADOTD'S REQUIREMENTS AND GOALS

During the scoping phase, **Ms. Gill** will establish open communication with the Project Management Team, provide a detailed schedule, and provide a preliminary coordination plan to assist LADOTD with managing the project. Establishing a clear scope and understanding expectations will assist with maintaining the schedule.

18. Approach and Methodology

PROMPT CONTRACT EXECUTION SKA has an advantage when it comes to prompt contract execution because of our efficient internal processes and experienced staff. We are very familiar with LADOTD's contract requirements, which helps us move quickly from contract award to project start. Our team is prepared to respond without delay, ensuring that work begins on schedule and projects stay on track from the beginning.

STAKEHOLDERS The stakeholders include the Project Management Team (PMT), which comprises the Regional Planning Commission (RPC), Plaquemines Parish, the LADOTD District 02 Traffic Operations Engineer or their designee, and representatives from NASJRB. Additional stakeholders such as permitting agencies, utilities, and local government entities will be identified as needed to ensure open communication, improve coordination, and minimize the risk of misunderstandings.

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

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

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

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

METHODOLOGY

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

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

  Kick-off Meeting with The Project Management Team to get a clear understanding of their goals and to discuss any concerns they may have is an important step in the process to provide a comprehensive feasibility study. The Kick-off meeting will be used

to develop a hierarchy for communication, determine deliverables for the Feasibility Study and to discuss the Measure of Effectiveness (MOE) to be compared for analysis. Any stakeholder information would be gathered, if available, to assist with the study/design approach. As part of the "kick-off meeting", the PM, EOR, and other necessary personnel will discuss and/or establish:

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

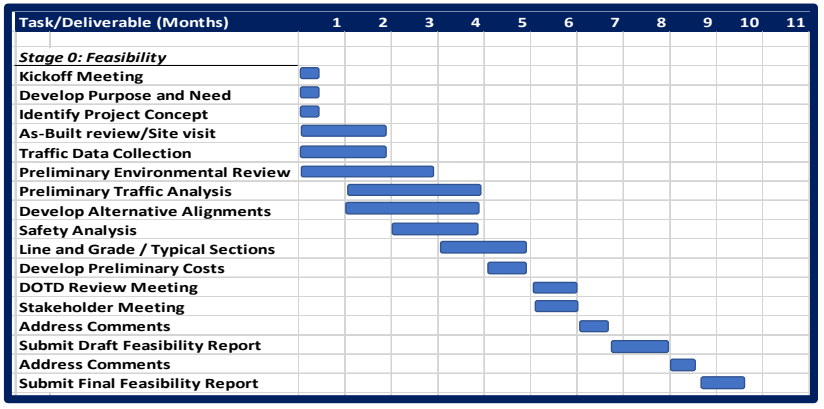
Additional Meetings may include:

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

➢ **Stage 0 Feasibility Report:**

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

SCHEDULE



19. Workload

Firm(s)	Past Performance Evaluation Discipline(s)	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance
Shread-Kuyrkendall & Associates, Inc.	Road	44-8671 H.009266	I-10 (LA 73 to LA 30) Route I-10, Ascension Parish	$ 14,325
	Bridge	44-8671 H.009266	I-10 (LA 73 to LA 30) Route I-10, Ascension Parish	$ 48,814
	CE&I/OV	44-4665 H.004435	I-12 to Bush, LA 3241 (LA 36 – LA 435), St. Tammany Parish	$ 51,891
	CE&I/OV	No Contract No. H.011152	I-12 Widening (sub to T. Baker Smith)	$ 5,457
	CE&I/OV	44-14913 H.010155	US 90: Railroad Overpass SE of LA 85	$ 96,378
	Road	44-17438 H.013284	MRB South GBR: LA 1 to LA 30 Connector (sub to Atlas)	$ 61
	Road	44-17438 H.013284	MRB South GBR: LA 1 to LA 30 Connector (sub to Atlas) SA#3	$ 103,211
	CE&I/OV	44-5615 H.000710.6	Comite River Diversion Bridge at LA 964	$ 50,467
	Road	44-24831 H.0148830.5	LA 14 at LA 674 Intersection Improvements	$ 6,946
	Road	44-24831 H.010222.5	LA 97: LA 98 – LA368 (Acadia Parish)	$ 194,954
	Road	44-24831 H.016291.5	LA 10: PALMETTO – US 71 (St. Landry Parish)	$ 161,796
	Road	44-24831 H.016460.5	LA 92: LA 91 – LA 13 (Acadia Parish)	$ 238,770
	Road	44-27211 H.0145510.5	Iberia St. Pavement Preservation and Bike Improvements	$ 109,172
URBAN SYSTEMS inc.	Traffic	44-22581 H011221.5, H.011222.5	I-10: N.O. CBD3 (Poydras- Louisa) & I-10:N.O CBD4 (Louisa – I-510)	$32,773.16
	Traffic	44-24185 H.016046.5	US 190: Atchafalaya R @ K'Sprngs Repairs	$7,615.50
	Traffic	44-26585 H.006226.5	Pointe-a-La-Hache Ferry Landing Replacement	$5000.00

DO NOT SUM

20. Certifications/Licenses

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

State of Louisiana Secretary of State

COMMERCIAL DIVISION
225.925.4704

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

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

Previous Names

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

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

Domicile Address

13016 JUSTICE AVENUE
BATON ROUGE, LA 70816

Mailing Address

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

Principal Office Address

13016 JUSTICE AVENUE
BATON ROUGE, LA 70816

Status

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

Registered Agent(s)

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

Officer(s)

Additional Officers: No

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

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

Amendments on File (6)

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

Print

State of Louisiana Secretary of State

COMMERCIAL DIVISION
225.925.4704

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

Name	Type	City	Status
URBAN SYSTEMS ASSOCIATES, INC.	Business Corporation	NEW ORLEANS	Active

Previous Names

Business: URBAN SYSTEMS ASSOCIATES, INC.
Charter Number: 30812980D
Registration Date: 11/12/1974

Domicile Address

2000 TULANE AVENUE
SUITE 200
NEW ORLEANS, LA 70112

Mailing Address

2000 TULANE AVENUE
SUITE 200
NEW ORLEANS, LA 70112

Principal Office Address

2000 TULANE AVENUE
SUITE 200
NEW ORLEANS, LA 70112

Status

Status: **Active**
Annual Report Status: **In Good Standing**
File Date: 11/12/1974
Last Report Filed: 10/21/2024

Type: Business Corporation

Registered Agent(s)

Agent:	ALISON MICHEL
Address 1:	2000 TULANE AVE
Address 2:	SUITE 200
City, State, Zip:	NEW ORLEANS, LA 70112
Appointment Date:	12/31/2019

Officer(s)

Additional Officers: No

Officer:	ALISON C. MICHEL
Title:	President
Address 1:	877 CHAPELLE STREET
City, State, Zip:	NEW ORLEANS, LA 70124

Officer:	NICOLE STEWART
Title:	Secretary, Vice-President
Address 1:	8454 BEECHWOOD COURT
City, State, Zip:	NEW ORLEANS, LA 70127

Amendments on File (12)

Description	Date
Revoked	5/13/1982
Reinstatement	10/29/1986
Disclosure of Ownership	2/24/1993
Disclosure of Ownership	7/15/1994
Disclosure of Ownership	5/2/1995
Disclosure of Ownership	7/10/2002
Appointing, Change, or Resign of Officer	4/18/2012
Restated Articles	9/7/2012
Domicile, Agent Change or Resign of Agent	5/15/2013
Disclosure of Ownership	9/10/2014
Restated Articles	1/16/2015

Domicile, Agent Change or Resign of Agent	12/31/2019

Print

LOUISIANA UNIFIED CERTIFICATION PROGRAM

Disadvantaged Business Enterprise Program (DBE)

Small Business Element (SBE)

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

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 2025 to February 2026

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

Alison Catarella Michel, P.E., PTOE, PTP, RSP2i

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

PE.0030261

Status: Active

Exp Date: 03/31/2027

DISPLAY THIS CERTIFICATE PROMINENTLY • NOTIFY AGENCY WITHIN 10 DAYS OF ANY CHANGE

Commonwealth of Pennsylvania
Department of State
Bureau of Professional and Occupational Affairs
PO BOX 2649 Harrisburg PA 17105-2649

23 0301518

License Type
Professional Engineer

ALISON M CATARELLA-MICHEL
400 N PETERS SUITE 206
NEW ORLEANS, LA 70130

License Status
Active

Initial License Date
05/10/2006

License Number
PE073472

Expiration Date
09/30/2025

Acting Commissioner Arion R. Claggett

Signature

ALTERATION OF THIS DOCUMENT IS A CRIMINAL OFFENSE UNDER 18 PA.C.S.S. 4911

DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
DOTD

DESTINATION ZERO DEATHS

This certificate of training is presented to

ALISON MICHEL

In Recognition of Attending

Highway Safety Manual Workshop

Baton Rouge, Louisiana

Elizabeth Wemple, PE
Eric Tang, PE
Instructor

18.0 Professional Development Hours

Nov 30—Dec 2, 2011
Date

STATE OF ALABAMA
BOARD OF LICENSURE FOR PROFESSIONAL
ENGINEERS AND LAND SURVEYORS

ALISON CATARELLA-MICHEL

Is duly licensed as a
PROFESSIONAL ENGINEER

BELS

License Number: PE27740
Status: Active
Expire Date
12/31/2025

William R. Huett
Executive Director

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, DC, U.S.A.

11/20/17

Michael K. Park
Chair

PTP
PROFESSIONAL TRANSPORTATION PLANNER

Jeffrey F. Paniati
Executive Director

PTP 626

Exp. Date 11/20/2026

Find Licensee
Contact Us

Licensee Details

Name: Ms.Alison Marie Catarella-Michel
Address: New Orleans, LA 70124
County: La
Phone: 504-931-5241
Email: acmichel@urbansystems.com
Employer: Urban Systems, Inc.

License Type: Professional Engineer
License Number: 16171
Initial License Date: 02/28/2006
Expires on: 12/31/2026

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

DOTD

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

DOTD

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

DOTD

TPCB

The Transportation Professional Certification Board

Certifies that

Ms. Alison Catarella Michel, PE,PTOE,PTP,RSP2I

successfully renewed the Road Safety Professional Infrastructure® (Level 2) certification

Original Certification Date: 3/20/2023

Certification Valid Through: 3/20/2026

Jeffrey F. Paniati,
Executive Director and CEO

Joseph C. Balskus, P.E., PTOE, RSP1
TPCB Chair

Certification Number: 148

U.S. Department Of Transportation
Federal Highway Administration

National Highway Institute

Certificate of Training

NATIONAL HIGHWAY INSTITUTE
Training Solutions for Transportation Excellence

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**

Instructor

Instructor

Allison H. Landry
Local Coordinator

Richard Barnaby, Director
National Highway Institute

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 Infrastructure

unless withdrawn by the Certification Board and subject to the provisions for renewal.
Certificate number 148 issued in Washington, DC, USA

3/20/23

Joseph C. Balskus
Chair

ROAD SAFETY PROFESSIONAL

Jeffrey F. Paniati
Executive Director

TPCB

The Transportation Professional Certification Board

Certifies that

Ms. Alison Catarella Michel, PE,PTOE,PTP,RSP2I

successfully holds the Professional Traffic Operations Engineer® certification

Original Certification Date: 11/6/2002 Certification Valid Through: 11/6/2026

Steve Kuciemba,
Executive Director and CEO

Joseph C. Balskus, P.E., PTOE, RSP1
TPCB Chair

Certification Number: 1023

Christine M. Darrah, P.E.

ATSSA
Safer Roads Save Lives

Christine Darrah

has attended
National Flagger Certification Training Course

Completed: 01-JUL-2024

CEU (If Applicable): 0

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com

ATSSA American Traffic Safety Services Association

This is to affirm that

Christine Darrah

has satisfied the requirements to be designated as a

CERTIFIED FLAGGER

Issue Date 7/1/2024
Exp. Date 6/30/2028
State Issued Louisiana

ATSSA
Instructor Name

Instructor Signature

A1000213222

Verify at Flagger.com

ATSSA
Safer Roads Save Lives

AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION

This is to affirm that
Christine Darrah
has satisfied the requirements to be designated as a
Traffic Control Supervisor

Cert. #: 873755
Issue Date: 2/11/2025
Expiration Date: 2/10/2029

Certification Board

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

Status: Active

Exp Date: 09/30/2027

Certificate of Completion

presented to

Christine Darrah

for completing the

Traffic Engineering Analysis Process & Report
Module 1

Date: October 7, 2020
Location: Baton Rouge, Louisiana

Professional Development Hours (PDH's) Awarded: 2.5

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD

Certificate of Completion

presented to

Christine Darrah

for completing the

Traffic Engineering Analysis Process & Report
Module 2

Date: October 7, 2020
Location: Baton Rouge, Louisiana

Professional Development Hours (PDH's) Awarded: 3.5

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD

Certificate of Completion

presented to

Christine Darrah

for completing the

Traffic Engineering Analysis Process & Report
Module 3

Date: October 8, 2020
Location: Baton Rouge, Louisiana

Professional Development Hours (PDH's) Awarded: 3.5

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD

CERTIFICATE

Louisiana Urban Stormwater Coalition

WATERWISE NOLA

CERTIFIED Design & Construction 1

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

Instructor

LOUISIANA URBAN STORMWATER COALITION

Mississippi Board of Licensure for

Professional Engineers and Surveyors

State of Mississippi

TO ALL TO WHOM THESE PRESENTS SHALL COME, GREETING;

BE IT KNOWN THAT

Christine Mire Darrah

having satisfactorily met the requirements prescribed by law has been duly Licensed as a Professional Engineer, is entitled to all the rights and privileges of a licensed Professional Engineer, is hereby entitled to engage in the practice of Engineering in accordance with the laws of the State of Mississippi, and is issued this certificate of Licensure as a

PROFESSIONAL ENGINEER

IN WITNESS WHEREOF, the Mississippi Board of Licensure for Professional Engineers and Surveyors grants this Certificate under its seal at Jackson, Mississippi
November 1, 2024

President

Secretary

License Number 35630

Louisiana Roads Scholar Program

LTAP

Certificate of Training

PRESENTED BY

Louisiana Local Technical Assistance Program

TO CERTIFY THAT

Christine Darrah

HAS SATISFACTORILY COMPLETED 6 PROFESSIONAL DEVELOPMENT HOURS IN:

Roads Scholar #9: The Road to Better Signing

Director, LTAP

October 26, 2023
Date

New Orleans, LA
Location

Matthew H. Morgan, P.E., PTOE

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

PE.0047060

Status: Active Exp Date: 03/31/2027

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 (PDH) Awarded: 2

DOTD

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 (PDH) Awarded: 3

DOTD

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 (PDH) Awarded: 3

DOTD

TPCB

The Transportation Professional Certification Board

Certifies that

Mr. Matthew Hansen Morgan, P.E., PTOE

successfully holds the Professional Traffic Operations Engineer® certification

Original Certification Date: 3/19/2025

Certification Valid Through: 3/19/2028

Steve Kuciemba,
Executive Director and CEO

Joseph C. Balskus, P.E., PTOE, RSP1
TPCB Chair

Certification Number: 5893

Nicole H. Stewart, P.E., PTOE

PE LS
Texas Board of Professional Engineers and Land Surveyors

Number: 146435
Status: ACTIVE
Expires: 9/30/2025

NICOLE HARRIS STEWART
Texas Licensed Professional Engineer

Signature

Mississippi Board of Licensure
For Professional Engineers and Surveyors

Nicole Harris Stewart
HAS BEEN GRANTED A LICENSE AS A

Professional Engineer **#30182**

Expiration Date: 12/31/2026

SIGNATURE OF LICENSEE

MISSISSIPPI
Board of Licensure for Professional Engineers and Surveyors




Find Licensee
Contact Us

Licensee Details

Name:	Mrs.Nicole Harris Stewart
Address:	New Orleans, LA 70127
County:	Out Of State
Phone:	504-251-5511
Email:	nhstewart@urbansystems.com
Employer:	

License Type:	Professional Engineer
License Number:	30182
Initial License Date:	06/28/2019
Expires on:	12/31/2026

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

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD

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

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD

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

Authorized Instructor | Authorized Instructor | Authorized Instructor

DOTD

21. QA/QC Plan

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

22. Sub-consultant information			
Firm Name (Name must match exactly as registered with Louisiana's Secretary of State (SOS): including punctuation, include screenshot(s) from SOS at the end of Section 20)	**Address**	**Point of Contact and email address**	**Phone Number**
Urban Systems Associates, Inc.	2000 Tulane Ave. Suite 200 New Orleans, LA 70112	Alison Catarella Michel acmichel@urbansystems.com	(504)569-3958

23. Location

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

The work associated with this Stage 0 Feasibility Study will be conducted in the offices listed below:

Shread-Kuyrkendall & Associates, Inc. (main office)
13016 Justice Ave.
Baton Rouge, LA 70816

Shread-Kuyrkendall & Associates, Inc. (branch office)
104 Campus Drive East, Suite 102
Destrehan, LA 70047

Urban Systems Associates, Inc.
2000 Tulane Ave. Suite 200
New Orleans, LA 70112