DOTD FORM: 24-102

(Revised March 1, 2022)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

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

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

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

1. Contract title as shown in the advertisement	Contract for Off System Highway Bridge Program Libuse Cutoff Road over Flagon Bayou Rapides Parish
2. Contract number(s) as shown in the advertisement	4400025035
3. State Project Number(s), if shown in the advertisement	H.014984.5
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	**Morgan Goudeau & 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)	Engineering: EF.0001118 Surveying: VF.0000183
6. Prime consultant mailing address	1703 West Landry Street Opelousas, LA 70570
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	1703 West Landry Street Opelousas, LA 70570
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Kenneth Boagni, III, P.E., P.L.S., President (337) 948-4222 | kenny@morgangoudeau.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Kenneth Boagni, III, P.E., P.L.S., President (337) 948-4222 | kenny@morgangoudeau.com
10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the	

duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.	Signature (shall be the same person as #9):  Date: December 6, 2022
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): N/A Firm(s)' %: N/A

12. Past Performance Evaluation Discipline Table:

As indicated in the advertisement, insert the completed table here. The percentages for the prime and sub-consultants must total 100% for **each past performance evaluation discipline**, as well as the overall total percent of the contract.

Sub-consultants are allowed to be used for this proposal. Fill in the table by identifying only those evaluation disciplines consistent with the approach and methodology proposed in Section 18 of the DOTD Form 24-102*, the name of each firm that is part of the proposal, and the percentage of work in each past performance evaluation discipline to be performed by that firm. The percentage estimated for each evaluation discipline is for evaluation purposes only and will not control the actual performance or payment of the work. The percentages for the prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as the overall total percent of the contract.

Evaluation Discipline(s)	% of Overall Contract	MGA	Providence	Each Discipline must total to 100%
Bridge	70%	100%	0%	100%
Environmental	5%	20%	80%	100%
Survey	25%	100%	0%	100%
Identify the percentage of work for the **overall contract** to be performed by the prime consultant and each sub-consultant.				
Percent of Contract	100%	96%	4%	------

*The past performance evaluation disciplines are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and/or Other.

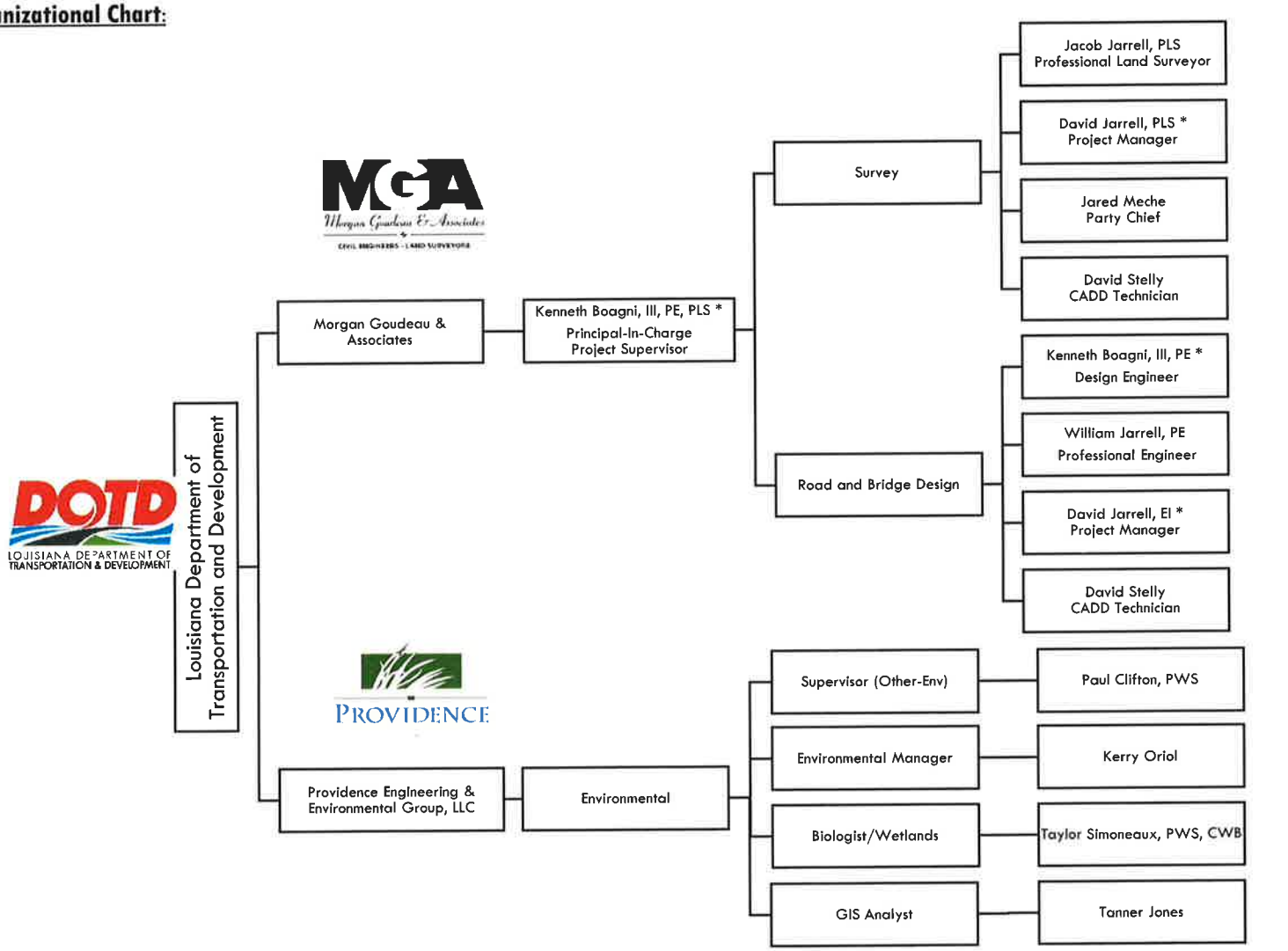
If sub-consultants are used, the prime consultant must perform greater than 50% of the work for the overall contract.

13. Firm Size:

For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify "Other (xxxx)" and include the classification title inside the parentheses. The DOTD Job Classification(s) to be used can be found at the following link:
http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
MGA Morgan Goudeau & Associates CIVIL ENGINEERS - LAND SURVEYORS	Principal/Supervisor Engineer	1	1
	Engineer	1	1
	Engineer Intern	1	2
	Surveyor	2	2
	CADD-Technician	1	2
	Survey Party Chief	1	2
	Instrument Man	1	2
	Administrative	1	2
PROVIDENCE	Environmental Manager	1	1
	GIS Analyst	1	2
	Biologist/Wetlands	1	6
	Supervisor (Other-Env)	1	1
	Rodman	1	2

14. Organizational Chart:



*** ATSSA Certified**

Prime consultant name: **Morgan Goudeau & Associates, Inc.**

15. Minimum Personnel Requirements:

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR.

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license / certification & number	State of license	License / certification expiration date
1,2,3	Kenneth Boagni, III, PE	MGA Morgan Goudeau & Associates CIVIL ENGINEERS • LAND SURVEYORS	Civil Engineer PE-0031312	LA	09/30/2023
4	Jacob Jarrell, PLS		Land Surveyor PLS-5211	LA	09/30/2023
5	Taylor Simoneaux, PWS, CWB	PROVIDENCE	Wetland Scientist PWS-3321	LA	12/30/2025
5	Paul Clifton, PWS		Wetland Scientist PWS-3326	LA	01/09/2026

16. Staff Experience:

Firm employed by	**Morgan Goudeau and Associates, Inc.**			
Name	**Kenny Boagni, III**		*Years of relevant experience with this employer*	22
Title	Principal-in-Charge / Project Supervisor / P.E. / P.L.S.		*Years of relevant experience with other employer(s)*	0
Degree(s) / Years / Specialization			Bachelor of Science / 2000 / Civil Engineering	
Active registration number / state / expiration date			PE-0031312 / Louisiana / 09/30/2023 PLS-0005215 / Louisiana / 09/30/2023	
Year registered	2004 PE / 2019 PLS	*Discipline*	Professional Engineer / Professional Land Surveyor	
Contract role(s) / brief description of responsibilities			**Principal-In-Charge and Project Supervisor** | Kenny will serve this project in both a design and supervisory role and meets MRP#'s 1-3.	

Experience dates (mm/yy–mm/yy)	*Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).*
05-00-Present	**Kenny brings over twenty-two (22) years of civil engineering and land surveying experience to the project and has worked on eighty (80) OSBR projects over the years.**
03/21-Ongoing	**H.014220.5 OSBR (1 structure), Acadia Parish, MGA B#261 –** Principal-in-Charge / Project Supervisor / Design Engineer
03/21-Ongoing	**H.014226.5 OSBR (1 structure), St. Martin Parish, MGA B#265 –** Principal-in-Charge / Project Supervisor / Design Engineer
02/21-Ongoing	**H.014263.5 OSBR (1 structure), Tangipahoa Parish, MGA B#272 –** Principal-in-Charge / Project Supervisor / Design Engineer
02/22-Ongoing	**H.014262.5 OSBR (1 structure), Tangipahoa Parish, MGA B#266 –** Principal-in-Charge / Project Supervisor / Design Engineer
01/21-Ongoing	**H.014232.5 OSBR (1 structure), Ouachita Parish, MGA B#271 –** Principal-in-Charge / Project Supervisor / Design Engineer
01/21-Ongoing	**H.014229.5 OSBR (1 structure), Caddo Parish, MGA B#262 –** Principal-in-Charge / Project Supervisor / Design Engineer
12/18-08/22	**H.013458.5 OSBR (2 structures), Ascension Parish, MGA B#254 –** Principal-in-Charge / Project Supervisor / Design Engineer
09/15-02/19	**H.011544.5 OSBR (3 structure), St. Landry Parish, MGA Project B#219 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
10/15-01/17	**H.011676.5 OSBR (1 structure), Lasalle Parish, MGA Project B#216 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
09/15-10/17	**H.011539.5 OSBR (1 structure), Webster Parish, MGA Project B#215 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
06/15-02/18	**H.011531.5 OSBR (2 structure), Rapides Parish, MGA Project B#209 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
06/15-04/18	**H.011525.5 OSBR (1 structure), Sabine Parish, MGA Project B#207 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
05/14-12/16	**H.010941.5 OSBR (1 structure), Catahoula Parish, MGA Project B#202 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
11/13-05/16	**H.010561.5 OSBR (3 structure), Bienville Parish, MGA Project B#193 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
10/13-12/14	**H.010827.5 OSBR (1 structure), Ouachita Parish, MGA Project B#189 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
10/13-06/15	**H.010659.5 OSBR (2 structure), East Baton Rouge Parish, MGA Project B#185 –** Design Engineer / Hydraulics, Bridge Plans, & Env
06/13-11/15	**H.010592.5 OSBR (3 structure), Grant Parish, MGA Project B#177 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
03/13-04/18	**H.010038.5 OSBR (1 structure), Madison Parish, MGA Project B#173 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
02/13-01/15	**H.010067.5 OSBR (2 structure), Claiborne Parish, MGA Project B#170 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
02/13-07/15	**H.010033.5 OSBR (2 structure), Sabine Parish, MGA Project B#165-B –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
02/13-07/15	**H.010032.5 OSBR (2 structure), Sabine Parish, MGA Project B#165-A –** Design Engineer / Hydraulics, Bridge Plans, & Environmental

01/13-12/14	**H.009979.5 OSBR (1 structure), Caldwell Parish, MGA Project B#161 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
04/11-02/13	**H.006043.5 OSBR (1 structure), Bossier Parish, MGA Project B#148 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
04/11-02/13	**H.005128.5 OSBR (2 structure), West Carroll Parish, MGA Project B#146 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
03/11-02/13	**700-25-0113/H.004315.5 OSBR (2 structure), Jackson Parish, MGA Project B#145 –** Design Engineer / Hydraulics, Bridge Plans, & Env
12/10-02/13	**700-43-0112 OSBR (1 structure), Sabine Parish, MGA Project B#141 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
06/02-01/11	**700-22-0122 OSBR (1 structure), Grant Parish, MGA Project B#131 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
02/07-08/11	**700-21-0112 OSBR (3 structure), Franklin Parish, MGA Project B#121 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
08/06-06/10	**700-16-0118 OSBR (3 structure), Desoto Parish, MGA Project B#112 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
07/06-06/10	**700-43-0109 OSBR (2 structure), Sabine Parish, MGA Project B#108 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
06/06-01/11	**700-35-0136 OSBR (2 structure), Natchitoches Parish, MGA Project B#106 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
08/04-01/08	**700-30-0316 OSBR (3 structure), Lasalle Parish, MGA Project B#97 –** Engineer Intern / Research, Survey, Hydraulics, Pile Design & Env
03/03-08/05	**700-42-0108 OSBR (7 structure), Richland Parish, MGA Project B#90 –** Engineer Intern / Research, Survey, Hydraulics, Pile Design & Env
01/03-01/06	**700-02-0117 OSBR (6 structure), Allen Parish, MGA Project B#87 –** Engineer Intern / Research, Survey, Hydraulics, Pile Design & Env
09/02-01/08	**700-05-0118 OSBR (3 structure), Avoyelles Parish, MGA Project B#85 –** Engineer Intern / Research, Survey, Hydraulics, Pile Design & Env
07/02-11/03	**700-06-0208 OSBR (4 structure), Beauregard Parish, MGA Project B#83 –** Engineer Intern / Research, Survey, Hydraulics, Pile Design & Env
11/00-12/02	**700-58-0114 OSBR (6 structure), Vernon Parish, MGA Project B#80 –** Engineer Intern / Research, Survey, Hydraulics, Pile Design & Env

16. Staff Experience:

Firm employed by	**Morgan Goudeau and Associates, Inc.**				
Name	**David Jarrell**		*Years of relevant experience with this employer*	7	
Title	Principal / Project Manager / E.I. / P.L.S.		*Years of relevant experience with other employer(s)*	0	
Degree(s) / Years / Specialization			Bachelor of Science / 2015 / Civil Engineering		
Active registration number / state / expiration date			PE-0032504 / Louisiana / 03/31/2024 PLS-0005219 / Louisiana / 03/31/2024		
Year registered	2015 EI / 2019 PLS	*Discipline*	Engineer Intern / Professional Land Surveyor		
Contract role(s) / brief description of responsibilities			**Project Manager** | David will serve as the Project Manager for this project coordinating and working on the development of all deliverables.		

Experience dates (mm/yy–mm/yy)	*Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).*
05/15-Present	**David has over seven (7) years of civil engineering and land surveying experience with the firm and with the OSBR Program on seventeen (17) projects. He is a registered PLS and EI, and in his time with the firm, David has acquired a firm grasp and knowledge of every aspect of the OSBR program and has been directly involved in all field and office requirements.**
03/21-Ongoing	**H.014220.5 OSBR (1 structure), Acadia Parish, MGA B#261 –** Project Manager / Topo Survey, Hydraulics, Project Plans & Environmental
03/21-Ongoing	**H.014226.5 OSBR (1 structure), St. Martin Parish, MGA B#265 –** Project Manager / Topo Survey, Hydraulics, Project Plans & Environmental
02/21-Ongoing	**H.014263.5 OSBR (1 structure), Tangipahoa Parish, MGA B#272 –** Project Manager / Topo Survey, Hydraulics, Project Plans & Environmental
02/22-Ongoing	**H.014262.5 OSBR (1 structure), Tangipahoa Parish, MGA B#266 –** Project Manager / Topo Survey, Hydraulics, Project Plans & Environmental
01/21-Ongoing	**H.014232.5 OSBR (1 structure), Ouachita Parish, MGA B#271 –** Project Manager / Topo Survey, Hydraulics, Project Plans & Environmental
01/21-Ongoing	**H.014229.5 OSBR (1 structure), Caddo Parish, MGA B#262 –** Project Manager / Topo Survey, Hydraulics, Project Plans & Environmental
12/18-08/22	**H.013458.5 OSBR (2 structure), Ascension Parish, MGA Project B#254 –** Engineer Intern / Field Survey, Hydraulics, and Plan Development
09/15-02/19	**H.011544.5 OSBR (3 structure), St. Landry Parish, MGA Project B#219 –** Engineer Intern / Field Survey, Hydraulics, and Plan Development
10/15-01/17	**H.011676.5 OSBR (1 structure), Lasalle Parish, MGA Project B#216 –** Engineer Intern / Field Survey, Hydraulics, and Plan Development
09/15-10/17	**H.011539.5 OSBR (1 structure), Webster Parish, MGA Project B#215 –** Engineer Intern / Field Survey, Hydraulics, and Plan Development
06/15-02/18	**H.011531.5 OSBR (2 structure), Rapides Parish, MGA Project B#209 –** Engineer Intern / Field Survey, Hydraulics, and Plan Development
06/15-04/18	**H.011525.5 OSBR (1 structure), Sabine Parish, MGA Project B#207 –** Engineer Intern / Field Survey, Hydraulics, and Plan Development
05/14-12/16	**H.010941.5 OSBR (1 structure), Catahoula Parish, MGA Project B#202 –** Engineer Intern / Field Survey, Hydraulics, and Plan Development

16. Staff Experience:

Firm employed by	**Morgan Goudeau and Associates, Inc.**				
Name	**Jacob Jarrell**		*Years of relevant experience with this employer*	11	
Title	Principal / Surveyor / E.I. / P.L.S.		*Years of relevant experience with other employer(s)*	0	
Degree(s) / Years / Specialization			Bachelor of Science / 2011 / Civil Engineering		
Active registration number / state / expiration date			PE-0032284 / Louisiana / 03/31/2023 PLS-0005211 / Louisiana / 09/30/2023		
Year registered	2004 EI / 2019 PLS	*Discipline*	Engineer Intern / Professional Land Surveyor		
Contract role(s) / brief description of responsibilities			**Professional Land Surveyor** | Jacob will serve as the PLS for this project, fulfilling MPR#4, and will coordinate all field and office efforts in the preparation of topographic survey(s) and servitude/ROW sketch(es).		

Experience dates (mm/yy–mm/yy)	*Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).*
05/11-Present	**Jacob brings over eleven (11) years of land surveying experience to the project, and specifically nine (9) years of experience with OSBR Program on over thirty (30) projects serving as a surveying supervisor.**
03/21-Ongoing	**H.014220.5 OSBR (1 structure), Acadia Parish, MGA B#261 –** Surveying Supervision / Field and Office (Topo Surveys)
03/21-Ongoing	**H.014226.5 OSBR (1 structure), St. Martin Parish, MGA B#265 –** Surveying Supervision / Field and Office (Topo Surveys)
02/21-Ongoing	**H.014263.5 OSBR (1 structure), Tangipahoa Parish, MGA B#272 –** Surveying Supervision / Field and Office (Topo Surveys)
02/22-Ongoing	**H.014262.5 OSBR (1 structure), Tangipahoa Parish, MGA B#266 –** Surveying Supervision / Field and Office (Topo Surveys)
01/21-Ongoing	**H.014232.5 OSBR (1 structure), Ouachita Parish, MGA B#271 –** Surveying Supervision / Field and Office (Topo Surveys)
01/21-Ongoing	**H.014229.5 OSBR (1 structure), Caddo Parish, MGA B#262 –** Surveying Supervision / Field and Office (Topo Surveys)
12/18-08/22	**H.013458.5 OSBR (2 structure), Ascension Parish, MGA Project B#254 –** Surveying Supervision / Field and Office (Topo Surveys)
09/15-02/19	**H.011544.5 OSBR (3 structure), St. Landry Parish, MGA Project B#219 –** Surveying Supervision / Field (Topo Surveys)
10/15-01/17	**H.011676.5 OSBR (1 structure), Lasalle Parish, MGA Project B#216 –** Surveying Supervision / Field (Topo Surveys)
09/15-10/17	**H.011539.5 OSBR (1 structure), Webster Parish, MGA Project B#215 –** Surveying Supervision / Field (Topo Surveys)
06/15-02/18	**H.011531.5 OSBR (2 structure), Rapides Parish, MGA Project B#209 –** Surveying Supervision / Field (Topo Surveys)
06/15-04/18	**H.011525.5 OSBR (1 structure), Sabine Parish, MGA Project B#207 –** Surveying Supervision / Field (Topo Surveys)
05/14-12/16	**H.010941.5 OSBR (1 structure), Catahoula, MGA Project B#202 –** Surveying Supervision / Field (Topo Surveys)
11/13-05/16	**H.010561.5 OSBR (3 structure), Bienville Parish, MGA Project B#193 –** Surveying Supervision / Field (Topo Surveys)
10/13-06/15	**H.010659.5 OSBR (2 structure), East Baton Rouge Parish, MGA Project B#185 –** Surveying Supervision / Field (Topo Surveys)
06/13-11/15	**H.010592.5 OSBR (3 structure), Grant Parish, MGA Project B#177 –** Surveying Supervision / Field (Topo Surveys)
03/13-04/18	**H.010038.5 OSBR (1 structure), Madison Parish, MGA Project B#173 –** Surveying Supervision / Field (Topo Surveys)
02/13-01/15	**H.010067.5 OSBR (2 structure), Claiborne Parish, MGA Project B#170 –** Surveying Supervision / Field (Topo Surveys)
02/13-07/15	**H.010033.5 OSBR (2 structure), Sabine Parish, MGA Project B#165-B –** Surveying Supervision / Field (Topo Surveys)
02/13-07/15	**S.P. H.010032.5 OSBR Program, Sabine Parish, MGA Project B#165-A –** Surveying Supervision / Field (Topo Surveys)

16. Staff Experience:

Firm employed by	**Morgan Goudeau and Associates, Inc.**				
Name	**William Jarrell**		*Years of relevant experience with this employer*	40	
Title	Principal / P.E.		*Years of relevant experience with other employer(s)*	0	
Degree(s) / Years / Specialization			Bachelor of Science / 1982 / Civil Engineering		
Active registration number / state / expiration date			PE-0022819 / Louisiana / 03/31/2024		
Year registered	1987 PE	*Discipline*	Professional Engineer		
Contract role(s) / brief description of responsibilities			**Professional Engineer** | William will serve this project primarily in an administration capacity to ensure DOTD contractual obligations are followed, and in QA/QC reviews.		

Experience dates (mm/yy–mm/yy)	*Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).*
05/82-Present	**William brings over forty (40) years of overall civil engineering experience to the project. Although limited in experience with the OSBR program, William has designed several bridge replacement structures for the City of Opelousas and St. Landry Parish Government. Specifically for this project William's skill as a project administrator and QA/QC review engineer of project deliverables will be utilized.**
03/21-Ongoing	**H.014220.5 OSBR (1 structure), Acadia Parish, MGA B#261 –** Project Administration and QA/QC
03/21-Ongoing	**H.014226.5 OSBR (1 structure), St. Martin Parish, MGA B#265 –** Project Administration and QA/QC
02/21-Ongoing	**H.014263.5 OSBR (1 structure), Tangipahoa Parish, MGA B#272 –** Project Administration and QA/QC
02/22-Ongoing	**H.014262.5 OSBR (1 structure), Tangipahoa Parish, MGA B#266 –** Project Administration and QA/QC
01/21-Ongoing	**H.014232.5 OSBR (1 structure), Ouachita Parish, MGA B#271 –** Project Administration and QA/QC
01/21-Ongoing	**H.014229.5 OSBR (1 structure), Caddo Parish, MGA B#262 –** Project Administration and QA/QC

16. Staff Experience:

Firm employed by	**Morgan Goudeau and Associates, Inc.**		
Name	**Jared Meche**	*Years of relevant experience with this employer*	16
Title	Survey Crew Party Chief	*Years of relevant experience with other employer(s)*	0
Degree(s) / Years / Specialization			
Active registration number / state / expiration date			
Year registered	*Discipline*		
Contract role(s) / brief description of responsibilities	**Party Chief – Land Surveying** | Jared will serve a supervisory role in the field on this project for the collection of topographic data by the survey crew.		

Experience dates (mm/yy–mm/yy)	*Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).*
05/06-Present	**Jared has over 16 years of experience with our firm on the field survey crew. He began as a Rodman in his first few years and quickly moved up to be the lead Instrument Man. In late 2020, Jared became a Party Chief and has experience in that role on the past six (6) OSBR projects. As shown below, Jared has been a critical member of the survey crew field operations on over fifty (50) OSBR projects.**
03/21-Ongoing	**H.014220.5 OSBR (1 structure), Acadia Parish, MGA B#261 –** Party Chief / Field Survey Crew
03/21-Ongoing	**H.014226.5 OSBR (1 structure), St. Martin Parish, MGA B#265 –** Party Chief / Field Survey Crew
02/21-Ongoing	**H.014263.5 OSBR (1 structure), Tangipahoa Parish, MGA B#272 –** Party Chief / Field Survey Crew
02/22-Ongoing	**H.014262.5 OSBR (1 structure), Tangipahoa Parish, MGA B#266 –** Party Chief / Field Survey Crew
01/21-Ongoing	**H.014232.5 OSBR (1 structure), Ouachita Parish, MGA B#271 –** Party Chief / Field Survey Crew
01/21-Ongoing	**H.014229.5 OSBR (1 structure), Caddo Parish, MGA B#262 –** Party Chief / Field Survey Crew
12/18-08/22	**H.013458.5 OSBR (2 structure), Ascension Parish, MGA B#254 –** Instrument Man / Field Survey Crew
09/15-02/19	**H.011544.5 OSBR (3 structure), St. Landry Parish, MGA B#219 –** Instrument Man / Field Survey Crew
10/15-01/17	**H.011676.5 OSBR (1 structure), Lasalle Parish, MGA B#216 –** Instrument Man / Field Survey Crew
09/15-10/17	**H.011539.5 OSBR (1 structure), Webster Parish, MGA B#215 –** Instrument Man / Field Survey Crew
06/15-02/18	**H.011531.5 OSBR (2 structure), Rapides Parish, MGA B#209 –** Instrument Man / Field Survey Crew
06/15-04/18	**H.011525.5 OSBR (1 structure), Sabine Parish, MGA B#207 –** Instrument Man / Field Survey Crew
05/14-12/16	**H.010941.5 OSBR (1 structure), Catahoula, MGA B#202 –** Instrument Man / Field Survey Crew
11/13-05/16	**H.010561.5 OSBR (3 structure), Bienville Parish, MGA B#193 –** Instrument Man / Field Survey Crew
10/13-12/14	**H.010827.5 OSBR (1 structure), Ouachita Parish, MGA B#189 –** Instrument Man / Field Survey Crew
10/13-06/15	**H.010659.5 OSBR (2 structure), East Baton Rouge Parish, MGA B#185 –** Instrument Man / Field Survey Crew
06/13-11/15	**H.010592.5 OSBR (3 structure), Grant Parish, MGA B#177 –** Instrument Man / Field Survey Crew
03/13-04/18	**H.010038.5 OSBR (1 structure), Madison Parish, MGA B#173 –** Instrument Man / Field Survey Crew
02/13-01/15	**H.010067.5 OSBR (2 structure), Claiborne Parish, MGA B#170 –** Instrument Man / Field Survey Crew

02/13-07/15	**H.010033.5 OSBR (2 structure), Sabine Parish, MGA B#165-B –** Instrument Man / Field Survey Crew
02/13-07/15	**H.010032.5 OSBR (2 structure), Sabine Parish, MGA B#165-A –** Instrument Man / Field Survey Crew
01/13-12/14	**H.009979.5 OSBR (1 structure), Caldwell Parish, MGA B#161 –** Instrument Man / Field Survey Crew
04/11-02/13	**H.006043.5 OSBR (1 structure), Bossier Parish, MGA B#148 –** Instrument Man / Field Survey Crew
04/11-02/13	**H.005128.5 OSBR (2 structure), West Carroll Parish, MGA B#146 –** Instrument Man / Field Survey Crew
03/11-02/13	**700-25-0113/H.004315.5 OSBR (2 structure), Jackson Parish, MGA B#145 –** Instrument Man / Field Survey Crew
12/10-02/13	**700-43-0112 OSBR (1 structure), Sabine Parish, MGA B#146 –** Instrument Man / Field Survey Crew
06/02-01/11	**700-22-0122 OSBR (1 structure), Grant Parish, MGA B#146 –** Rodman / Field Survey Crew
02/07-08/11	**700-21-0112 OSBR (3 structure), Franklin Parish, MGA B#146 –** Rodman / Field Survey Crew
08/06-06/10	**700-16-0118 OSBR (3 structure), Desoto Parish, MGA B#146 –** Rodman / Field Survey Crew
07/06-06/10	**700-43-0109 OSBR (2 structure), Sabine Parish, MGA B#146 –** Rodman / Field Survey Crew
06/06-01/11	**700-35-0136 OSBR (2 structure), Natchitoches Parish, MGA B#146 –** Rodman / Field Survey Crew

16. Staff Experience:

Firm employed by	**Morgan Goudeau and Associates, Inc.**				
Name	**David Stelly**			*Years of relevant experience with this employer*	42
Title	CADD Technician			*Years of relevant experience with other employer(s)*	0
Degree(s) / Years / Specialization			N/A		
Active registration number / state / expiration date			N/A		
Year registered	N/A	*Discipline*	N/A		
Contract role(s) / brief description of responsibilities			**CADD Technician – Engineering and Land Surveying** / David will serve as the lead CADD Technician on this project.		

Experience dates (mm/yy–mm/yy)	*Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).*
01/88-Present	**David has over 42 years of experience as a CADD Operator/Technician with our firm, and more particularly he has 34 years of direct involvement in the OSBR Program in the replacement of over 120 bridge structures as shown below.**
03/21-Ongoing	**H.014220.5 OSBR (1 structure), Acadia Parish, MGA B#261 –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketches
03/21-Ongoing	**H.014226.5 OSBR (1 structure), St. Martin Parish, MGA Project B#265 –** Prep of Topo Survey, Drainage Map, Bridge Plan & Servitude/ROW Sketch
02/21-Ongoing	**H.014263.5 OSBR (1 structure), Tangipahoa Parish, MGA Project B#272 –** Prep of Topo Survey, Drainage Map, Bridge Plan & Servitude/ROW Sketch
02/22-Ongoing	**H.014262.5 OSBR (1 structure), Tangipahoa Parish, MGA Project B#266 –** Prep of Topo Survey, Drainage Map, Bridge Plan & Servitude/ROW Sketch
01/21-Ongoing	**H.014232.5 OSBR (1 structure), Ouachita Parish, MGA Project B#271 –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketch
01/21-Ongoing	**H.014229.5 OSBR (1 structure), Caddo Parish, MGA Project B#262 –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketches
12/18-08/22	**H.013458.5 OSBR (2 structures), Ascension Parish, MGA Project B#254 –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketch
09/15-02/19	**H.011544.5 OSBR (3 structures), St. Landry Parish, MGA Project B#219 –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketch
10/15-01/17	**H.011676.5 OSBR (1 structures), Lasalle Parish, MGA Project B#216 –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketches
09/15-10/17	**H.011539.5 OSBR (1 structures), Webster Parish, MGA Project B#215 –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketches
06/15-02/18	**H.011531.5 OSBR (2 structures), Rapides Parish, MGA Project B#209 –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketches
06/15-04/18	**H.011525.5 OSBR (1 structures), Sabine Parish, MGA Project B#207 –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketches
05/14-12/16	**H.010941.5 OSBR (1 structures), Catahoula Parish, MGA Project B#202 –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketch
11/13-05/16	**H.010561.5 OSBR (3 structures), Bienville Parish, MGA Project B#193 –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketches
10/13-12/14	**H.010827.5 OSBR (1 structures), Ouachita Parish, MGA Project B#189 –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketches
10/13-06/15	**H.010659.5 OSBR (2 structures), East Baton Rouge Parish, MGA Project B#185 –** Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW
06/13-11/15	**H.010592.5 OSBR (3 structures), Grant Parish, MGA Project B#177 –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketches
03/13-04/18	**H.010038.5 OSBR (1 structures), Madison Parish, MGA Project B#173 –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketches
02/13-01/15	**H.010067.5 OSBR (2 structures), Claiborne Parish, MGA Project B#170 –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketch
02/13-07/15	**H.010033.5 OSBR (2 structures), Sabine Parish, MGA Project B#165-B –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketches
02/13-07/15	**H.010032.5 OSBR (2 structures), Sabine Parish, MGA Project B#165-A –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketches
01/13-12/14	**H.009979.5 OSBR (1 structures), Caldwell Parish, MGA Project B#161 –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketches
04/11-02/13	**H.006043.5 OSBR (1 structures), Bossier Parish, MGA Project B#148 –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketches

04/11-02/13	**H.005128.5 OSBR (1 structure), West Carroll Parish, MGA Project B#146 –** Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketches
03/11-02/13	**700-25-0113/H.004315.5 OSBR (1 structure), Jackson Parish, MGA Project B#145 –** Topo Survey, Drainage Map, Bridge Plan & Servitude/ROW Sketch
12/10-02/13	**700-43-0112 OSBR (1 structure), Sabine Parish, MGA Project B#141 –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketches
06/02-01/11	**700-22-0122 OSBR (1 structure), Grant Parish, MGA Project B#131 –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketches
02/07-08/11	**700-21-0112 OSBR (1 structure), Franklin Parish, MGA Project B#121 –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketches
08/06-06/10	**700-16-0118 OSBR (3 structures), Desoto Parish, MGA Project B#112 –** Topo Survey, Drainage Map, Bridge Plans & Servitude/ROW Sketch
07/06-06/10	**700-43-0109 OSBR (2 structures), Sabine Parish, MGA Project B#108 –** Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketch
06/06-06/10	**700-35-0136 OSBR (2 structures), Natchitoches Parish, MGA Project B#106 –** Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW
08/04-01/08	**700-30-0316 OSBR (3 structures), Lasalle Parish, MGA Project B#97 –** Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketch
03/03-08/05	**700-42-0108 OSBR (7 structures), Richland Parish, MGA Project B#90 –** Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketch
01/03-01/06	**700-02-0117 OSBR (6 structures), Allen Parish, MGA Project B#87 –** Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketches
09/02-01/08	**700-05-0118 OSBR (3 structures), Avoyelles Parish, MGA Project B#85 –** Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW
07/02-11/03	**700-06-0208 OSBR (4 structures), Beauregard Parish, MGA Project B#83 –** Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW
11/00-12/02	**700-58-0114 OSBR (6 structures), Vernon Parish, MGA Project B#80 –** Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketch
02/97-06/01	**700-01-0106 OSBR (8 structures), Acadia Parish, MGA Project B#73 –** Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketches
01/96-05/02	**700-49-0106 OSBR (4 structures), St. Landry Parish, MGA Project B#72 –** Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW
10/95-10/00	**700-01-0103 OSBR (3 structures), Acadia Parish, MGA Project B#71 –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW
03/93-04/97	**700-30-0133 OSBR (10 structures), St. Landry Parish, MGA Project B#68 –** Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW
12/90-05/95	**700-28-71 OSBR (4 structures), St. Landry Parish, MGA Project B#67 –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW
08/92-08/99	**700-28-61 OSBR (2 structures), Evangeline Parish, MGA Project B#66 –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW
10/90-10/02	**700-27-22 OSBR (1 structures), Rapides Parish, MGA Project B#65 –** Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketches
10/88-08/99	**700-26-34 OSBR (4 structures), Acadia Parish, MGA Project B#63 –** Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketches
08/88-06/02	**700-26-29 OSBR (4 structures), St. Landry Parish, MGA Project B#62 –** Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW Sketch
01/88-11/91	**700-19-88 OSBR (4 structures), St. Landry Parish, MGA Project B#56 –** Prep of Topo Surveys, Drainage Maps, Bridge Plans & Servitude/ROW

16. Staff Experience:

Firm employed by	**Providence Engineering and Environmental Group LLC**				
Name	**Kerry Oriol**		*Years of relevant experience with this employer*	22	
Title	National Environmental Policy Act (NEPA) Project Manager		*Years of relevant experience with other employer(s)*	11	
Degree(s) / Years / Specialization			Bachelor of Science / 1989 / Fish and Wildlife Biology		
Active registration number / state / expiration date			N/A		
Year registered	N/A	*Discipline*	N/A		
Contract role(s) / brief description of responsibilities			**Project Manager**		

Experience dates (mm/yy–mm/yy)	*Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).*
01/20-Ongoing	**Environmental Project Manager:** ***Belle Chasse Bridge and Tunnel Replacement, Plaquemines Parish, LA.*** The preparation of a Comprehensive Environmental Protection Plan (CEPP) for the implementation of a LA DOTD transportation project. This first in the state plan requested by the LA DOTD involved the preparation of a master document designed to ensure commitments made in project's Environmental Assessment and permits as well as other applicable environmental regulatory requirements would be met before, during, and immediately after project construction. Multiple individual plans and training modules were developed to be housed within the CEPP with the goal of having no violations of environmental permits, mitigations, commitments, or regulations. **Responsibilities:** Development of the plan format and content, preparation of multiple sections and training materials, consistency review, and quality review. The plan was completed and accepted by the client and LA DOTD in May 2021 with Providence team members providing construction oversight and inspection that will continue through completion of construction.
01/17-Ongoing	**Environmental Project Manager:** ***Mississippi River Bridge GBR: LA 1 to LA 30 Connector, EBR, WBR, Ascension, Iberville, LA.*** A reevaluation of an existing EA for a LA 1/LA 415 Connector involving a new bridge over the Gulf Intracoastal Waterway, necessary to consider a change in bridge height and possible relocation of approved right-of-way. Efforts include a vessel study and reevaluation of traffic data to assess design modifications and potential right-of-way modifications. **Responsibilities:** Management of project schedule, NEPA process and NEPA document revision, including revision of supporting technical studies, coordination with state agencies, environmental, analyses, organization of agency meetings, and development of public information and agency involvement plans.
09/11-Ongoing	**Environmental Project Manager:** ***I-49 Inner Connector Stage 1 Environmental Impact Statement, Shreveport, Caddo Parish, LA.*** Environmental Impact Statement (EIS) and interchange reports for the proposed I-49 Inner City Connector. Project involves all necessary engineering and environmental investigations to obtain environmental clearance on construction of a connector linking the existing I-49 to future I-49 North around Shreveport. **Responsibilities:** Management of project schedule, NEPA process and NEPA document development, development of the purpose and need statement, environmental and alternatives analyses, environmental justice analysis, organization of agency meeting, public outreach, involvement meetings and materials, development of public information and agency involvement plans, and coordination of public events, development of relocation plan, preparation of decision documents.
01/17-02/21	**Environmental Project Manager:** ***I-10 Corridor Study: LA 415 to Essen on I-10 and I-12, Stage 1 Environmental Assessment, East and West Baton Rouge Parishes, LA.*** A study of Interstate 10 (I-10) through Baton Rouge to develop feasible improvements and to obtain an environmental decision to implement improvements to I-10 and I-12 from the LA 415 interchange to the I-10 and I-12 interchanges at Essen Lane. Efforts include the analysis of existing conditions along I-10 along with implementation of various concepts to recommend a preferred alternative.

	Various concepts include widening existing infrastructure and revising interchanges. Extensive public outreach efforts are also included in this project to ensure public input is received throughout the process. **Responsibilities:** Management of project schedule, NEPA process and NEPA document development, coordination of all work with six sub-consultants, environmental and alternatives analyses, environmental justice analysis, organization of agency meetings, public outreach/involvement meetings and materials, development of public information and agency involvement plans, and coordination of public events, development of relocation plan, preparation of decision documents.
Kerry Oriol *has over 32 years of multidisciplinary experience in the environmental field. She has expertise in project management, NEPA documents and public outreach requirements, including Environmental Impact Statements (EIS), Environmental Assessments (EA), and mitigation planning and implementation for project specific impacts. Ms. Oriol's pre-consulting experience involved working in the former Water Pollution Control Division of the Louisiana Department of Environmental Quality's (LDEQ) Office of Water Resources and as a research associate with Louisiana State University (LSU). Kerry is certified in* ***NEPA and Transportation and Decision-Making Process (NHI Course #142005)***	

16. Staff Experience:

Firm employed by	**Providence Engineering and Environmental Group LLC**				
Name	**Paul Clifton, PWS**		*Years of relevant experience with this employer*	18	
Title	Impact Assessment Group Managing Director		*Years of relevant experience with other employer(s)*	13	
Degree(s) / Years / Specialization			MS / 1986 / Forestry BS / 1982 / Forestry		
Active registration number / state / expiration date			3326 / Louisiana / 01/09/2026		
Year registered	2012	*Discipline*	Professional Wetland Scientist		
Contract role(s) / brief description of responsibilities			**QA/QC Officer**		

Experience dates (mm/yy–mm/yy)	*Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).*
06/19-Ongoing	**Project Manager:** ***Louisiana Department of Transportation and Development (LADOTD), Belle Chasse Bridge and Tunnel Replacement Project. Jefferson and Plaquemines Parish, LA.*** As a subconsultant to Traylor Massman – Joint Venture, Providence is providing environmental compliance assistance to the first public/private/partnership transportation project in Louisiana. Providence has developed a Comprehensive Environmental Protection Plan (CEEP) for the project. Providence has also provided Stormwater Pollution Prevention Plans (SWPPP) and Spill Prevention Control/Spill Prevention Control and Countermeasures (SPC/SPCC) plans/guidance and developed training modules for construction personnel regarding sensitive resources. Providence is also providing on-site inspection services throughout the project's construction cycle. **Responsibilities:** Project Manager for the environmental compliance component of the project. Responsible for assisting the client in environmental training and compliance, assistance with local, state, and federal permitting; sensitive species and wetland surveys, Stormwater Pollution Prevention and Control Plans, audits, and inspections.
2020	**Project Manager:** ***Coastal Protection and Restoration Authority, West Grand Terre Beach Nourishment and Stabilization Project (BA-0197) Jefferson Parish, LA.*** Conducted field surveys for nesting birds and/or species of conservation concern for three months during the demolition phase of a beach nourishment project on West Grand Terre Island. Providence biologists coordinated the progress/observations with the US Fish and Wildlife Service, the Louisiana Department of Wildlife and Fisheries, and the CPRA project manager. **Responsibilities:** Fieldwork, Species Identification, Reporting, Data management.
2017	**Wetlands Task Manager:** ***Louisiana Department of Transportation and Development (LADOTD), I-10:415 To Essen Lane on I-10 and I-12, State Project No.H.004100.2; Federal Aid Project No.H004100, East and West Baton Rouge Parishes.*** Managed wetland analysis fieldwork and reporting for a 550-acre corridor for the widening of I-10 and I-12 in East and West Baton Rouge Parishes. **Responsibilities:** Project oversight, resource allocation, and personnel management.
2017	**Project Manager:** ***St. Helena Parish Bridge Replacements, St. Helena Parish Police Jury (Subconsultant to Aucoin & Associates.)*** Wetland delineations, jurisdictional determination requests, and U.S. Army Corps of Engineers Nationwide Permitting for six bridge replacement projects in St. Helena Parish. **Responsibilities:** Project management, resource allocation, and quality assurance/quality control.
2016	**Project Coordinator:** ***East Baton Rouge Parish Department of Public Works, Lemon Road Bridge Replacement Project, East Baton Rouge Parish, LA.*** Wetlands and ecological compliance assistance. Development and submittal of a wetland data report/jurisdictional determination

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

16. Staff Experience:

Firm employed by	**Providence Engineering and Environmental Group LLC**				
Name	**Taylor Simoneaux, CWB, PWS**		*Years of relevant experience with this employer*	7	
Title	Environmental Scientist		*Years of relevant experience with other employer(s)*	1	
Degree(s) / Years / Specialization			MS / 2015 / Forest Resources, concentration in Wildlife Biology BSF / 2012 / Forestry BS / 2012 / Natural Resource Ecology and Management		
Active registration number / state / expiration date			3321 / LA / 12/30/2025		
Year registered	2020	*Discipline*	Professional Wetland Scientist		
Contract role(s) / brief description of responsibilities			Biologist/Wetlands		

Experience dates (mm/yy–mm/yy)	*Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).*
03/20-12/21	**Project Manager:** ***Sunny Point Aggregates, LLC, Port Lake Sand Mine, Caddo and Bossier Parishes, LA.*** Regulatory project manager for creation of an industrial sand mining facility and dredge operation adjacent to the Red River near Shreveport, LA. This included leading a wetland delineation/threatened/endangered species survey, completing a wetland data report/request for preliminary jurisdictional determination, securing Section 408 authorization, Section 10/404 compliance, and managing multiple subcontractors to complete topographic surveys, Phase I archaeological surveys (maritime and terrestrial), geotechnical soil borings, and slope stability analyses.
03/20-05/20	**Lead Biologist:** ***Coastal Protection and Restoration Authority, West Grand Terre Structure Removal and Demolition, Jefferson Parish, LA.*** Conducted pre-construction nest searches for shorebirds, wading birds, and other coastal nesting bird species prior to demolition of the Louisiana Department of Wildlife and Fisheries structures on West Grand Terre.
02/19-11/19	**Project Manager:** ***Coastal Protection and Restoration Authority, Goose Point/Pointe Platte and Bayou Bonfouca Maintenance Project, St. Tammany Parish, LA.*** Secured the necessary environmental permits for a marsh creation maintenance project.
07/17-09/18	**Project Manager:** ***Performance Proppants, LLC, River Ridge Sand Mining Project, Miller County, AR.*** Conducted a wetland delineation and threatened/endangered species survey, completed a wetland data report and secured a preliminary jurisdictional determination, and secured a Section 404 and 408 permit for a sand mining operation. Completed environmental inspections during construction to advise on Best Management Practices.
05/18-12/18	**Project Manager:** ***Pointe Coupee Parish Police Jury, False River Ecosystem Project, Pointe Coupee Parish, LA.*** Conducted a wetland delineation, completed a Nationwide Permit 27 permit application, and conducted soil sampling for a proposed False River Dredge project.
07/17-09/17	**Wetlands/Permitting:** ***Louisiana Department of Transportation and Development, Interstate 10 Widening Project, East Baton Rouge and West Baton Rouge Parishes, LA.*** Conducted a wetland delineation and wetland data report for a proposed Interstate 10 widening project in East Baton Rouge and West Baton Rouge Parishes, LA.
02/17-06/17	**Wetlands/Permitting:** ***Bayou Lafourche Freshwater District, Mississippi River Reintroduction into Bayou Lafourche, Assumption and Lafourche Parishes, LA.*** Conducted a wetland delineation and completed a wetland data report/request for preliminary jurisdictional determination for a proposed Mississippi River reintroduction into Bayou Lafourche.

02/17-04/17	**Wetlands/Permitting:** ***East Baton Rouge Parish Department of Public Works, Nicholson Drive Improvements, East Baton Rouge Parish, LA.*** Conducted a wetland delineation project for the extension of Nicholson Drive in Baton Rouge, LA. Prepared a wetland data report/request for preliminary jurisdictional determination for submittal to the USACE New Orleans District.
05/16-06/16	**Wetlands/Permitting:** ***I-49 Inner Connector Stage 1 Environmental Impact Statement, Shreveport, Caddo Parish, LA.*** Conducted a wetland delineation and completed a wetland summary of findings for submittal to the North Louisiana Council of Governments to advise them on regulatory compliance associated with an interstate connection project in Shreveport, LA.
07/16-12/16	**Wetlands/Permitting:** ***West Feliciana Parish, Department of Public Works, West Feliciana Parish, LA.*** Participated in a wetland delineation project for the replacement of the Jacock Road Bridge near St. Francisville, LA. Prepared a wetland data report/request for preliminary jurisdictional determination for submittal to the USACE.
10/16-12/16	**Wetlands/Permitting:** ***St. James Parish Government, Barras Road Extension, St. James Parish, LA.*** Participated in a wetland delineation project for the extension of Barras Road near St. James, LA. Prepared a wetland data report/request for preliminary jurisdictional determination for submittal to the USACE.
Taylor Simoneaux, CWB, PWS *has worked as an Environmental Scientist with Providence since February 2016. His areas of focus are wetlands, coastal, and ecological regulatory permitting/compliance, threatened and endangered species, wetland delineations, environmental inspections, and project management. His experience in environmental and ecological compliance assistance includes: wetland delineations and reporting; U.S. Army Corp of Engineers (USACE) Section 10/404/408 permitting, Louisiana Department of Natural Resources (DNR) Office of Coastal Management (OCM) Coastal Use Permitting; FEMA Floodplain Permitting; U.S. Fish and Wildlife Service (USFWS) Section 7 consultations; State Historic Preservation Office (SHPO) Section 106 consultations; Environmental Inspections per standard Best Management Practices (BMPs) and Federal Energy Regulatory Committee (FERC) Plans and Procedures, and many local/Parish/municipal permitting requirements. He is actively involved in all phases of environmental permitting/compliance and project management for clients in industrial, commercial, governmental, and private sectors.* ***Taylor has also completed Richard Chinn Environmental Training, 38-Hour USACE Wetland Delineation Training Program.***	

16. Staff Experience:

Firm employed by	**Providence Engineering and Environmental Group LLC**				
Name	**Tanner Jones**		*Years of relevant experience with this employer*	5	
Title	GIS Manager		*Years of relevant experience with other employer(s)*	2	
Degree(s) / Years / Specialization			Bachelor of Science / 2016 / Natural Resource Ecology and Management		
Active registration number / state / expiration date			4206841 / Louisiana / 12/31/2022		
Year registered	2018	*Discipline*	**GIS Analyst**		
Contract role(s) / brief description of responsibilities			William will serve as Project Manager and Supervisor and assist in ensuring DOTD and contractual regulations and obligations are followed.		

Experience dates (mm/yy–mm/yy)	*Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).*
08/20-Ongoing	**Wildlife Biologist/GIS Specialist:** ***Traylor Bros. Inc. LLC, Belle Chasse Bridge and Tunnel Replacement, Plaquemines and Jefferson Parishes, LA.*** Performed field inspections for wetland impacts and migratory bird habitat around bridge structure. Created maps and figures for a Storm Water Pollution Prevention plan. **Responsibilities:** Data management, creation of figures.
06/20-Ongoing	**GIS Specialist:** ***Atlas Technical Consultants, LLC, Mississippi River Bridge GBR: LA 1 to LA 30 Connector, Ascension, Assumption, and East Baton Rouge Parishes, LA.*** Created various figures for a study of LA 1/LA 30 Connector Project for DOTD looking at a possible route for a new Mississippi River crossing around Baton Rouge, Louisiana. Created a common spatial data portal for coordination and facilitation of project data across multiple firms working on study. **Responsibilities:** Data management, figures.
04/20-Ongoing	**GIS Specialist:** ***LA DOTD, LA 1/LA 415 Connector, West Baton Rouge Parish, LA.*** Created various figures for an LA 1/LA 415 Connector involving a new bridge over the Gulf Intracoastal Waterway. Evaluated environmental, social, and cultural constraints. **Responsibilities:** Data management, creation of figures, identification of key constraints.
03/21-05/21	**Wildlife Biologist/GIS Specialist:** ***Kinder Morgan, Multiple Mississippi and Alabama Counties, MS and AL.*** Conducted Gopher Tortoise Burrow surveys across multiple pipeline systems for over 300 miles of pipeline ROW, as well as coordinated and managed data collection across field personnel and maintained progress tracking via an online project-specific GIS dashboard. **Responsibilities:** Fieldwork, reporting, data management, figures.
03/20-04/20	**Drone Pilot:** ***Coastal Protection and Restoration Authority, West Grand Terre Beach Nourishment and Stabilization-Structure Demolition and Removal Project, Jefferson Parish, LA.*** Flew unmanned aerial vehicle to document pre-project site conditions. **Responsibilities:** Drone flight planning, remote piloting, data management.
10/19-03/20	**GIS Specialist:** ***Enterprise Products Company, Statewide, Coastal LA.*** Performed a desktop analysis for Enterprise Products pipeline assets in Louisiana's Coastal Zone to evaluate potential environmental permitting needs based on a variety of environmental spatial datasets. **Responsibilities:** Data management, desktop spatial analysis, reporting.
07/19	**GIS Specialist:** ***Cheniere Environmental Consulting, LLC, St. Bernard and Orleans Parishes, LA.*** Created maps and figures for a biological assessment pertaining to two March Creation Projects around Lake Borgne with CPRA. **Responsibilities:** Data management, creation of figures necessary for biological assessment.

Tanner Jones *is a GIS Manager/Specialist with sever years of experience. Since joining Providence in 2017, Mr. Jones has assisted with the data collection and spatial components of projects across all Providence service lines, ranging from basic data collection and figure production for permit applications to custom GIS-based solutions for automated business processes. Mr. Jones is proficient with a variety of GIS solutions, including mapping, data management, online and mobile based application development for data communication or collection, and geospatial analysis or desktop surveys. In addition to supporting the GIS needs to Providence and its clients, Mr. Jones also holds a small unmanned aerial vehicle operator certification with the Federal Aviation Administration. He has flown drone missions for a variety of projects including structural inspections, site mapping, environmental surveys, project documentation, permit compliance, and site monitoring. Tanner has completed the* ***Richard Chinn Environmental Training, 38-Hour USACE Wetland Delineation Training Program.***

17. Firm Experience:

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

Firm name	**Morgan Goudeau & Associates, Inc.**		Past Performance Evaluation Discipline(s)*	**Bridge**	
Project name	**Rozena Road / Billeaux Road / Judson Walsh Bridges** **MGA Project B#219**		Firm responsibility (prime or sub?)	**Prime**	
Project number	**H.011544.5 (H.013291.5)**	Owner's name	**LA DOTD**		
Project location	**St. Landry Parish**		Owner's Project Manager	**Gary Pentek**	
Owner's address, phone, email	**1201 Capital Access Road Baton Rouge, LA 70802 / (225) 379-1232 / gary.pentek@la.gov**				
Services commenced by this firm (mm/yy)	**09/15**	Total consultant contract cost ($1,000's)		**$152**	
Services completed by this firm (mm/yy)	**02/19**	Cost of consultant services provided by this firm ($1,000's)		**$146**	

In 2015, Morgan Goudeau and Associates, Inc. became the prime consultant for the replacement of three (3) bridges in St. Landry Parish and provided all the required engineering and land surveying services in the contract. The existing four (4) span, 61.33' X 17.86', timber bridge on Rozena Road crossing Bayou Mallet was replaced with a three (3) span, 120' X 24' (clear roadway), concrete slab bridge (Quad Beam). The existing three (3) span, 48.76' X 22.51', timber bridge on Billeaux Road over Bayou Carencro was replaced with 3 – 10' X 10' X 55' reinforced concrete box culverts with a 24' clear roadway. The existing two (2) span, 37.83' X 37.61', concrete bridge on Judson Walsh Drive crossing a Drainage Bayou was replaced with 4 – 10' X 10' X 54' reinforced concrete box culverts with a 24' clear roadway. MGA performed and developed the following for this project: topographic survey, drainage map, hydraulic studies, preliminary and final design plans (inclusive of plan/profile, general bridge plan, typical sections and details, cross-sections, and summary of estimated quantities), right-of-way and servitude sketches and descriptions, solicitation of views and environmental review record. Wetland studies were completed by a sub-consultant coordinated by MGA.

Key Staff Members Highlighted in this project: **Kenny Boagni, David Jarrell, Jacob Jarrell, David Stelly, and Jared Meche**

Firm name	**Morgan Goudeau & Associates, Inc.**		Past Performance Evaluation Discipline(s)*	**Bridge**	
Project name	**Dixie Church Road and Setliff Road Bridges** **MGA Project B#209**		Firm responsibility (prime or sub?)	**Prime**	
Project number	**H.011531.5**	Owner's name	**LA DOTD**		
Project location	**Rapides Parish**		Owner's Project Manager	**Gary Pentek**	
Owner's address, phone, email	**1201 Capital Access Road Baton Rouge, LA 70802 / (225) 379-1232 / gary.pentek@la.gov**				
Services commenced by this firm (mm/yy)	**06/15**	Total consultant contract cost ($1,000's)		**$110**	
Services completed by this firm (mm/yy)	**02/18**	Cost of consultant services provided by this firm ($1,000's)		**$106**	

In 2015, Morgan Goudeau and Associates, Inc. became the prime consultant for the replacement of two (2) bridges in Rapides Parish and provided all the required engineering and land surveying services on the contract. The existing two (2) span, 48.57' X 20.90', timber bridge on Setliff Road over Bayou Pierre Tributary was replaced with a four (4) span, 80' X 24' (clear roadway), concrete slab bridge. The existing three (3) span, 56.57' X 19.79', concrete bridge on Dixie Church over Cypress Bayou was replaced with a three (3) span, 60' X 24' (clear roadway), concrete slab span bridge. MGA performed and developed the following for this project: topographic survey, drainage map, hydraulic studies, preliminary and final design plans (inclusive of plan/profile, general bridge plan, typical sections and details, cross-sections, and summary of estimated quantities), right-of-way and servitude sketches and descriptions, solicitation of views and environmental review record. Wetland studies were completed by a sub-consultant coordinated by MGA.

Key Staff Members Highlighted in this project: **Kenny Boagni, David Jarrell, Jacob Jarrell, David Stelly, and Jared Meche**

Firm name	**Morgan Goudeau & Associates, Inc.**		Past Performance Evaluation Discipline(s)*	**Bridge**	
Project name	**Percy Burns Road** **MGA Project B#215**		Firm responsibility (prime or sub?)	**Prime**	
Project number	**H.011539.5**	Owner's name	**LA DOTD**		
Project location	**Webster Parish**		Owner's Project Manager	Gary Pentek, P.E.	
Owner's address, phone, email	**1201 Capital Access Road, Baton Rouge, LA 70802 / (225) 379-1232 / gary.pentek@la.gov**				
Services commenced by this firm (mm/yy)	**09/15**	Total consultant contract cost ($1,000's)		**$75**	
Services completed by this firm (mm/yy)	**10/17**	Cost of consultant services provided by this firm ($1,000's)		**$75**	

In 2015, Morgan Goudeau and Associates, Inc. became the prime consultant for the replacement of a bridge on Percy Burns Road in Webster Parish. MGA provided all the required engineering and land surveying services in the contract for the replacement of the existing four (4) span concrete bridge with a three (3) span, 120' in length, concrete slab bridge (Quad Beam). MGA performed and developed the following for this project: topographic survey, drainage map, hydraulic studies, preliminary and final design plans (inclusive of plan/profile, general bridge plan, typical sections and details, cross-sections, and summary of estimated quantities), right-of-way and servitude sketches and descriptions, solicitation of views and environmental review record. Wetland studies were completed by a sub-consultant coordinated by MGA.

Key Staff Members Highlighted in this project: **Kenny Boagni, David Jarrell, Jacob Jarrell, David Stelly, and Jared Meche**

Firm name	**Morgan Goudeau & Associates, Inc.**	Past Performance Evaluation Discipline(s)*	**Bridge**
Project name	**Tendal North Road/ Drain to Tensas Bayou** **MGA Project B#173**	Firm responsibility (prime or sub?)	**Prime**
Project number	**H.010038.5**	Owner's name	**LA DOTD**
Project location	**Madison Parish**	Owner's Project Manager	**Gary Pentek**
Owner's address, phone, email	**1201 Capital Access Road Baton Rouge, LA 70802 / (225) 379-1232 / gary.pentek@la.gov**		
Services commenced by this firm (mm/yy)	**03/13**	Total consultant contract cost ($1,000's)	**$58**
Services completed by this firm (mm/yy)	**04/18**	Cost of consultant services provided by this firm ($1,000's)	**$55**

In 2013, Morgan Goudeau and Associates, Inc. became the prime consultant for the replacement of a bridge on Tendal North Road in Madison Parish. MGA provided all the required engineering and land surveying services in the contract for the replacement of the existing seven (7) span, 131.80' X 28.44' timber bridge, with a seven (7) span, 140' X 28' (clear roadway), concrete slab span bridge. MGA performed and developed the following for this project: topographic survey, drainage map, hydraulic studies, preliminary and final design plans (inclusive of plan/profile, general bridge plan, typical sections and details, cross-sections, and summary of estimated quantities), right-of-way and servitude sketches and descriptions, solicitation of views and environmental review record. Wetland studies were completed by a sub-consultant coordinated by MGA.

Key Staff Members Highlighted in this project: **Kenny Boagni, Jacob Jarrell, David Stelly, and Jared Meche**

Firm name	**Morgan Goudeau & Associates, Inc.**		Past Performance Evaluation Discipline(s)*	**Bridge**	
Project name	**Sneed Road Bridge** **MGA Project B#207**		Firm responsibility (prime or sub?)	**Prime**	
Project number	**H.011525.5**	Owner's name	**LA DOTD**		
Project location	**Sabine Parish**		Owner's Project Manager	**Gary Pentek**	
Owner's address, phone, email	**1201 Capital Access Road Baton Rouge, LA 70802 / (225) 379-1232 / gary.pentek@la.gov**				
Services commenced by this firm (mm/yy)	**06/15**	Total consultant contract cost ($1,000's)		**$58**	
Services completed by this firm (mm/yy)	**04/18**	Cost of consultant services provided by this firm ($1,000's)		**$55**	

In 2015, Morgan Goudeau and Associates, Inc. became the prime consultant for the replacement of a bridge on Sneed Road over Toro Creek in Sabine Parish. MGA provided all the required engineering and land surveying services in the contract for the replacement of the existing two (2) span, 32.08' X 18.38', timber bridge, with a three (3) span, 60' X 24' (clear roadway), concrete slab span bridge. MGA performed and developed the following for this project: topographic survey, drainage map, hydraulic studies, preliminary and final design plans (inclusive of plan/profile, general bridge plan, typical sections and details, cross-sections, and summary of estimated quantities), right-of-way and servitude sketches and descriptions, solicitation of views and environmental review record. Wetland studies were completed by a sub-consultant coordinated by MGA.

Key Staff Members Highlighted in this project: **Kenny Boagni, David Jarrell, Jacob Jarrell, David Stelly, and Jared Meche**

Firm name	**Providence Engineering and Environmental Group LLC**		Past Performance Evaluation Discipline(s)*		**ENV**
Project name	**LA 70 Bypass, Stage 1 – Environmental Assessment**		Firm responsibility (prime or sub?)		**Prime**
Project number	**S.P. H.010571.2**	Owner's name	**LA DOTD**		
Project location	**Assumption Parish**		Owner's Project Manager	**Noel Ardoin**	
Owner's address, phone, email	**PO Box 94245, Baton Rouge, LA 70804-9245, (225) 242-4501, noel.ardoin@la.gov**				
Services commenced by this firm (mm/yy)	**05/13**	Total consultant contract cost ($1,000's)			**$1,254**
Services completed by this firm (mm/yy)	**07/15**	Cost of consultant services provided by this firm ($1,000's)			**$873**

The Louisiana Highway 70 (LA 70) project was the prepare the Stage 1 documents necessary to implement the construction of a proposed bypass and an emergency runaround of LA 70 near is intersection with LA 69 in Assumption Parish, LA. The LA 70 Bypass was proposed due to public safety concerns that have resulted in the closure of LA 70 numberous times in the last decade. These safety concerns are associated with failures of the Napoleonville Salt Dome, which has caused surface instabilitiy and the formation of a sinkhole south of the highway. While a long-term solution was being developed, further failure of the integrity of the Napoleonville Salt Dome could result in need to close LA 70. An Emergency Runaround would allow traffic to resume on this important route until a more permanent solution is implemented. For this reason, two Environmental Assessment (EA) documents were to be prepared under this project: one for the LA 70 Bypass and one for the Emergency Runaround. **Providence staff conducted wetland delineation, analysis, and data report, threatened and endangered species survey and report, and permitting assistance for the construction of the detour route of LA 70. Prepared wetland and jurisdictional determination request- USACE New Orleans District. A finding of No Significant Impact (FONSI) was issued following the Environmental Assessment (EA).**

Key Staff Members Highlighted in this project: Kerry Oriol, Paul Clifton, PWS

Firm name	**Providence Engineering and Environmental Group LLC**		Past Performance Evaluation Discipline(s)*	**ENV**	
Project name	**Environmental and Permitting Services Retainer Contract No. 700-99-0439 – Fort Buhlow Bridge and Approaches**		Firm responsibility (prime or sub?)	**Prime**	
Project number	**S.P. H.008273 F.A.P. IM-1709 (507)**	Owner's name	**LA DOTD**		
Project location	**Rapides Parish**		Owner's Project Manager	**Robert Lott, PE**	
Owner's address, phone, email	**PO Box 94245, Baton Rouge, LA 70804-9245, (225) 242-4504, Robert.lott@la.gov**				
Services commenced by this firm (mm/yy)			Total consultant contract cost ($1,000's)		
Services completed by this firm (mm/yy)	**00/12**		Cost of consultant services provided by this firm ($1,000's)	**$28**	

The Fort Buhlow Bridge project was part of a retainer contract that included environmental and permitting services for 62 road and bridge projects throughout the state, involving coordination with all relevant federal, state, and local agencies. The proposed bridge and approaches project included replacement of the 0.6-mile-long O.K. Allen Bridge over Lake Buhlow and the widening and reconstruction of 1.3 miles of roadway approaches/additional travel lanes. Neither the bridge nor the approach roadways had sufficient width to accommodate existing or projected traffic demand; the project intended to provide accommodations for anticipated traffic increases, reduce accidents, and meet current safety standards. **Providence staff completed wetland delineations, analysis, and data reports. Staff prepared and submitted Section 10/404 permit application to the U.S. Army Corps of Engineers (USACE) and filed the U.S. Coast Guard (USCG) bridge permit and Red River, Atchafalaya, and Bayou Boeuf Levee District permit applications. Upon the start of construction, the LA DOTD requested additional workspace associated with the construction of the new bridge. A wetland delineation was done on the additional area and permit amendments were filed with all relevant state and federal agencies.**

Key Staff Members Highlighted in this project: Kerry Oriol, Paul Clifton, PWS

Firm name	**Providence Engineering and Environmental Group LLC**		Past Performance Evaluation Discipline(s)*	**ENV**	
Project name	**Off-System Highway Bridge Program Crawford Road/Tiger Branch**		Firm responsibility (prime or sub?)	**Sub**	
Project number	**S.P. H.014229.5**	Owner's name	**Morgan Goudeau and Associates, Inc.**		
Project location	**Caddo Parish**		Owner's Project Manager	**Kenneth Boagni**	
Owner's address, phone, email	**1703 West Landry Street, Opelousas, LA, (337) 948-4222, kenny@morgangoudeau.com**				
Services commenced by this firm (mm/yy)	**08/21**	Total consultant contract cost ($1,000's)		**$205**	
Services completed by this firm (mm/yy)	**02/22**	Cost of consultant services provided by this firm ($1,000's)		**$5**	

The Louisiana Department of Transportation and Development requested a Wetland Findings Report for an existing bridge in Caddo Parish, Louisiana as part of a larger off-system bridge replacement project. As a subconsultant to Morgan Goudeau and Associates, **Providence was contracted to conduct a wetland delineation and provide a wetlands report for the bridge replacement project.** Providence biologists documented existence of potential jurisdictional wetlands and regulated other waters of the United States at all sites, including access points and temporary workspaces. Providence biologists delineated the areas in accordance with the 1987 Corps of Engineers Wetland Manual and guidance from the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region (U.S. Army Corps of Engineers, Wetland Regulatory Assistance Program 2010). After the wetlands assessments, Providence staff prepared Wetland Findings Reports which included discussions of existing wetlands, vegetation communities, and soils based on published soil surveys and soil sampling. Data sheets, photographs, and wetland mapping were included in the Wetland Findings Reports. Wetland impact areas quantified by type were also reported. **Providence staff completed a similar scop e of work for other bridge replacements included in the Off-System Bridge Replacements project, including bridges in Ouachita (H.014232), St. Martin (H.014226), and Tangipahoa (H.014262, H.014263) Parishes.**

Key Staff Members Highlighted in this project: Paul Clifton, PWS, Taylor Simoneaux, PWS, CWB

18. Approach and Methodology:

Introduction - Morgan Goudeau and Associates Resources

The staff of Morgan Goudeau and Associates, Inc. (MGA) offers over 34 years of Off-System Bridge (OSBR) experience invested across the State of Louisiana making this firm one of the state's oldest and most experienced in DOTD Federal-Aid program Off-System Bridge (OSBR) Program, crediting direct involvement with the OSBR program since 1988. MGA has an extensive track record for designing and overseeing DOTD projects, having delivered engineering and surveying-related services in over 30 parishes and municipalities on over 120 OSBR sites.

MGA is one of the state's oldest engineering and land surveying firms bringing over **120** years of professional engineering and land surveying experience. The MGA Team includes the key management, surveying, design, and graphics personnel referenced on the staffing plan and included within Section 15.

Over the past **34** years MGA has performed a range of engineering and OSBR services including topographic surveys, hydraulic analysis, preliminary and final plans for **120** structures in **30** parishes **(**Acadia, Allen, Ascension, Avoyelles, Beauregard, Bienville, Caddo, Caldwell, Calcasieu, Caldwell, Cameron, Claiborne, Catahoula, DeSoto, East Baton Rouge, Evangeline, Franklin, Grant, Jackson, Lafourche, LaSalle, Madison, Natchitoches, Ouachita, Rapides, Richland, St. Landry, St. Martin, Sabine, Tangipahoa, Tensas, Vernon, Webster, West Carrol**).** Design services included multi-barrel culverts and box culverts, standard slab spans, standard quad beam girder bridges, and moderate special detail slab spans.

MGA key staff members have gained the experience required to implement this project accurately and efficiently for the DOTD Off-System Bridge Replacement Program and staff. MGA maintains an excellent team representing staff experience to assist the DOTD Off-System Bridge Replacement Program effectively and efficiently with implementation of bridge replacement projects. MGA has been involved in this program since 1988 and has worked closely with DOTD project managers to maintain program quality and integrity.

The Morgan Goudeau and Associates, Inc. team ensures all services provided will be performed in strict adherence with the DOTD OSBR Program Guidelines Manual. MGA will utilize the valuable resources of a staff extremely experienced with the OSBR program in conjunction with the DOTD OSBR guideline manual, to produce high-quality deliverables throughout the project plan development process. MGA team's collective experience with the DOTD OSBR program includes surveying and preparing plans for both standard and non-standard structures in accordance with all DOTD procedures and manuals for roadway and bridge design.

Methodology

The general scope of work for the project will consist of performing topographic surveys, hydraulic analysis and design, preliminary roadway and bridge design, solicitation of views and categorical exclusion clearance documentation required for environmental clearance, wetlands studies, wetlands permitting, right-of-way sketches and agreements for Parish acquisition, and final roadway and bridge design. Detailed descriptions of how the various tasks will be performed and their schedules are described below.

Morgan Goudeau and Associates manages project delivery with a philosophy that is built on strong communication and ensuring team understanding of work scope resulting in timely submission of reports, schedules, and deliverables as well as QA/QC of deliverables. Kenny Boagni, PE will be the principal-in-charge of this project. MGA will immediately reach out to the DOTD project manager (PM) upon contract execution to schedule a project kickoff meeting with lead MGA staff members to briefly review contract management policy and procedures and establish an understanding of management procedural preferences from the DOTD PM. This meeting will also serve to address strategies to address possible unique site and project challenges with consideration for the project needs and timeline. As such, MGA will submit a proposed project schedule to DOTD PM for consideration with a timeline beginning with the anticipated Notice to Proceed [NTP) date. Quality and Assurance (Q&A) will include the DOTD PM in correspondence with any other DOTD Section. All invoices shall be submitted to DOTD in accordance with the Standard Operating Procedure Consultant Contract Invoice Processing.

Topographic Survey

Upon execution of the contract and issuance of the Notice to Proceed (NTP), the principal-in-charge, project manager, land surveyor and design engineer will review aerial images and perform a desktop and initial field survey of the bridge site, while collecting project information (location map, project number request from, traffic counts, and survey field books) from DOTD OSBR staff.

The project PLS and PLS staff will ensure field supervision & Quality Control and Quality Assurance (QC/QA) according to specifications of the OSBR (Off-System Bridge Replacement) program manual. PLS will provide field supervision and QA/QC of survey procedures and data collection throughout the topographic survey process.

MGA will submit the DOTTIE (One Call) request to identify all buried utility locations and markings for the property/area to be surveyed. The process will likely include MGA survey crew duplicating utilities and location markings to ensure thorough communication and enhanced data collection within the limits of the surveyed area.

On the same day that the topographic survey is initiated, MGA will meet with a Parish roadways representative at the bridge site to confirm correct bridge identification for the replacement project. Bridge identification will match stenciled bridge number with structure number listed in the contract and on the replacement schedule. Desktop review will include available aerial imagery, street view imagery, property maps and data, topographic maps, elevation data (Light Detection and Ranging LiDAR and Digital Elevation Models [DEM]), and Natural Resource Conservation Service (NRCS) parish soil data. The information will be used to identify potential questions to discuss with Parish personnel and residents familiar with drainage at the bridge sites. Fieldwork will also include a centerline survey. Upon completion of the data collection and desktop review, the MGA survey team will provide the topographic survey for the project. The topographic survey will be based on the surveyed centerline. The information gathered will be used to define drainage areas and flow patterns to identify potential issues for review with Parish personnel and residents familiar with the bridge site.

DOTD OSBR Manual will guide the survey limits and data acquisition parameters, which will be gathered with strict adherence. The horizontal survey will be based on the Louisiana State Plane Coordinate System in North American Datum (NAD-83). The vertical control survey will be tied to the North American Vertical Datum (NAVD-88). GPS Rover and Total Station options are available to provide updated topographic data collection, depending on actual terrain. Upon completion of the survey field work, MGA CAD staff will prepare an existing plan profile sheet and existing drainage map under the direction of MGA project design engineer.

MGA will review all drawings and reports in strict accordance with the Off-System Highway Bridge Program Guidelines and submit them to the DOTD Off-System Bridge staff for review and approval. It is anticipated the topographic survey work will be completed within 30 days of receipt of the NTP from DOTD.

Hydraulic Analysis

Upon notice of approval of the topographic survey and receipt of NTP, MGA will issue Notice of Inquiry Letters and Maps to the NRCS (Soil Conservation Service), U.S. Army Corps of Engineers, the Parish Department of Public Works Office, and the Parish Floodplain Administrator to rule out any potential timeline or project conflicts such as pending projects or developments by other agencies that could affect the proposed bridge replacement project. In strict adherence with the DOTD hydraulics manual and OSBR program manual, MGA will perform hydraulic analysis to determine viable structural and drainage replacement alternatives. Analysis will include a careful review of existing soil data, storm water discharge rate calculations and existing stream water surface modeling in consideration of viable alternative replacement structures such as a bridge reinforced concrete box, or large diameter culvert cross drain utilizing methods. MGA will collect high water marks and other data and reports from recent events and storms from residents, Parish roadways personnel and site-specific FEMA base flood elevations to calibrate existing stream water surface modeling. In addition to the collected data, MGA will perform hydraulic calculations using the DOTD HYDRWIN Hydraulics Programs and the U.S. Army Corps of

Engineers HEC-RAS program to model the water surface profiles along the channel and bridge structures. The hydraulic results along with the specific measurements of viable structures analyzed as well as the recommended replacement structure, size, type, and location with justification of alternatives declined and recommended will be reflected in the resulting report. Pile scour calculations will be performed and included in the Report during final plans should the recommended replacement structure be a bridge. The estimated completion time for the hydraulics study work and submission to DOTD Hydraulic section and OSBR staff will be 45 days from receipt of NTP.

Preliminary Plan Development

Upon receipt of the approved hydraulics report from DOTD, MGA will develop preliminary plans and design criteria for the bridge site following strict adherence with DOTD local road design criteria for the assigned roadway classification as required within the OSBR program manual. Any deviation from the DOTD design criteria will require preparation of a design exception by MGA for submittal to the DOTD PM for presentation for consideration of approval by the DOTD chief engineer.

MGA will provide preliminary plan-in-hand plans for review and comment as a 90% submittal to the DOTD PM. Upon implementation of the pre plan-in-hand comments, MGA will then issue plan-in-hand print deliverables to the DOTD PM for the scheduling of an on-site, plan-in-hand review with DOTD, Parish and MGA staff. The plan-in-hand comments will be incorporated into the preparation of final preliminary plans by MGA.

Servitude and ROW Sketch and Agreement

From the limits of construction established from the cross sections of the final preliminary plans, the required right-of-way, limits shall be determined and developed. The MGA PLS will then prepare any required right-of-way or servitude sketch and agreement in accordance with the provisions outlined in the OSBR manual.

GEOTECHNICAL INVESTIGATION & REPORT

Upon completion of final preliminary plans, MGA will prepare and submit a boring request form to the DOTD PM for the relative replacement structure.

Following completion of the subsurface investigation and with strict compliance under the direction of the OSBR program manual for geotechnical investigation and design, MGA will prepare and submit the pile design, sheet pile wall design, and embankment settlement request forms to the DOTD PM.

WETLAND DELINEATION

MGA will engage Providence to conduct an onsite wetland delineation and complete wetland findings report to accompany the required USACE sketches, SOV packet and environmental checklist.

Solicitation of Views and Categorical Exclusion Clearance Documentation Required for Environmental Clearance

Immediately following approval of the approved replacement structure within the hydraulic report, MGA shall obtain an appropriate SOV mailing list for the appropriate parish from the DOTD environmental section. MGA will prepare relative project descriptions and location maps to be submitted with the SOB letter mail outs to each entity listed on the SOV mailing list. MGA will assemble responses received from the SOV requests along with right-of-way sketch, wetland delineation, Corps of Engineers permit sketches, and any other related environmental information gathered or created into a hard and digital copy to be submitted to the DOTD PM for further processing.

Final Roadway and Bridge Design

Upon receipt of the environmental clearance for this project, the Morgan Goudeau and Associates Professional Land Surveying and Engineering team will prepare the final plans for the project, to include the summary of estimated quantities and standard plans

Quality Control and Quality Assurance (QC/QA)

Throughout each phase of this project, Morgan Goudeau and Associates will perform a Quality Control and Quality Assurance (QC/QA) review of each submittal in accordance with the OSBR program included in this proposal, Section 21.

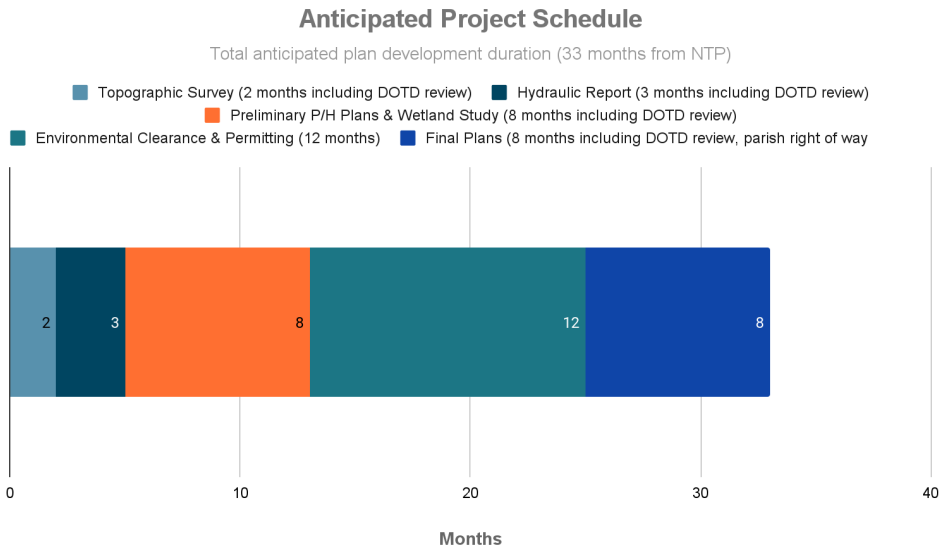
FINAL PLAN DEVELOPMENT

Upon receipt of environmental clearance, the DOTD PM shall issue an NTP date for final plan preparation. MGA will prepare Pre ACP and ACP plans in strict adherence with directions provided in the OSBR program manual.

Final Tracings

Upon completion of the above-described services, MGA will prepare the final plan tracings in accordance with DOTD OSBR guidelines. Final tracings will be sealed, signed, and dated by the MGA engineer and surveyor of record.

Anticipated Project Schedule



Prime consultant name: **Morgan Goudeau & Associates, Inc.**

19. Workload:

For all contracts where a firm on the team is a prime consultant or sub-consultant and where a) the consultant selection was made by DOTD, and b) a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

1) one of the team's firms is responsible for the performance of the work;
2) authorization to perform the work has been provided, as provided in the contract between the consultant and the contracting entity;
3) the work has not yet been performed and invoiced; and
4) the work is not currently suspended for an indefinite period of time.

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually.
List only the portion of the fees attributable to firms on the team.

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
MGA Morgan Goudeau & Associates CIVIL ENGINEERS - LAND SURVEYORS	Bridge	H.014220.5	Nation Road / Coulee Duralde Acadia Parish	$0.00
	Bridge	H.014229.5	Crawford Road / Tiger Branch Caddo Parish	$0.00
	Bridge	H.014226.5	Auguillard Road over Coulee St. Martin Parish	$0.00
	Bridge	H.014262.5	Randall Road over Yellow Water River Tangipahoa Parish	$16,859
	Bridge	H.014232.5	Ruffin Dr. Drain over Youngs Bayou Ouachita Parish	$15,506
	Bridge	H.014263.5	N. Hoover Road over Unnamed Creek Tangipahoa Parish	$17,998
PROVIDENCE	CE&I/OV Road	H.004634	IDIQ Contract for Construction Engineering **TASK 1** Management and Staff Augmentation Services for District 62 St. Helena, Livingston, St. John, St. Tammany, Tangipahoa and Washington Parishes	$1,132,795
	CE&I/OV Road	H.000464	IDIQ Contract for Construction Engineering Management and Staff Augmentation Services for District 62 St. Helena, Livingston, St. John, St. Tammany, Tangipahoa and Washington Parishes	$1,136,188
	Environmental	H.004791	Belle Chasse Bridge and Tunnel Replacement Public – Private Partnership Project	$889,710
	CE&I/OV Road	H.011670	Loyola Drive/Interstate 10 (I-10) Interchange to New Airport Terminal (LANOIA) Design-Build Project (Subconsultant)	$166,626
	Environmental Planning Traffic	H.005121	SPN H.005121.5 LA 1/LA 415 Connector Route LA 1/LA 415 West Baton Rouge Parish (Supplemental Agreement No 1, Contract 4400007803)	$133,534

PROVIDENCE	Environmental	H.003968.5	SPN 700-10-0115; I-10 Calcasieu River Bridge, Sampson St. Interchange **TASK 1** Environmental and Litigation Support for EDC Contamination	$106,904
	Survey Road	H.013340	Valhi Blvd. Multi-Use Trail, Phase 1	$85,861
	CE&I/OV Road	H.010100	Pesson Elementary Sidewalks Safety Route to School Project: IDIQ Contract for CE&I Services (SPN/FAP H.010100 / Task Order No. H.010100.06)	$48,963
	CE&I/OV Road	H.012235	White Castle Sidewalks Safe Routes to School Project: IDIQ Contract for CE&I Services (SPN/FAP H.012235 / Task Order No. H.012235.6)	$15,025
	Environmental/Planning	H.013284	MRB South GBR: LA 1 to LA 30 Connector	$17,093

(Add rows as needed) DO NOT SUM

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

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

20. Certifications/Licenses:

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

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

Name:
Morgan Goudeau & Associates, Inc.

Public Address:
1703 West Landry Street
Opelousas, Louisiana 70570

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0001118	Active	12/10/1984	09/30/2024	Mr. William Hamilton Jarrell III # PE.0022819 ; Mr. Kenneth Boagni III # PE.0031312

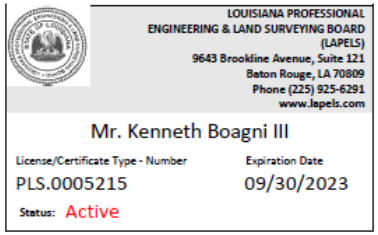
The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

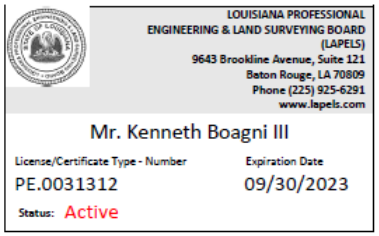
Name:
Morgan Goudeau & Associates, Inc.

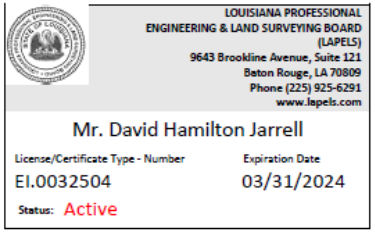
Public Address:
1703 West Landry Street
Opelousas, Louisiana 70570

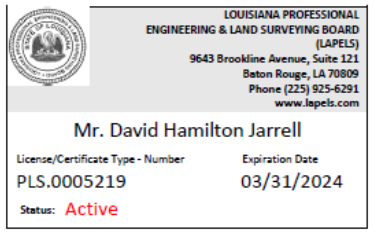
License/Certificate Information w/ Supervision

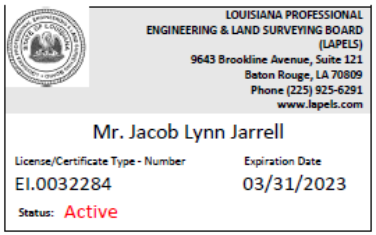
License	Status	First Issuance Date	Expiration Date	Supervisor(s)
VF.0000183	Active	12/10/1984	09/30/2024	Mr. Jacob Lynn Jarrell # PLS.0005211

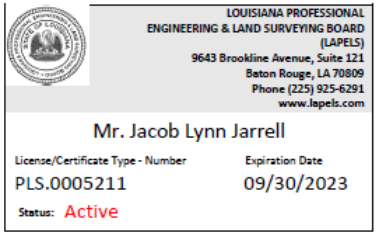

LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com
Mr. Kenneth Boagni III
License/Certificate Type - Number: PLS.0005215
Expiration Date: 09/30/2023
Status: Active

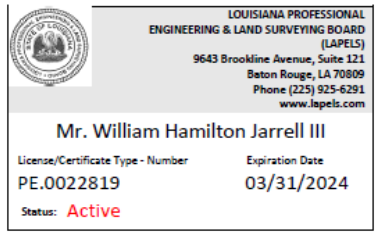

LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com
Mr. Kenneth Boagni III
License/Certificate Type - Number: PE.0031312
Expiration Date: 09/30/2023
Status: Active


LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com
Mr. David Hamilton Jarrell
License/Certificate Type - Number: EI.0032504
Expiration Date: 03/31/2024
Status: Active


LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com
Mr. David Hamilton Jarrell
License/Certificate Type - Number: PLS.0005219
Expiration Date: 03/31/2024
Status: Active


LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com
Mr. Jacob Lynn Jarrell
License/Certificate Type - Number: EI.0032284
Expiration Date: 03/31/2023
Status: Active


LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com
Mr. Jacob Lynn Jarrell
License/Certificate Type - Number: PLS.0005211
Expiration Date: 09/30/2023
Status: Active


LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com
Mr. William Hamilton Jarrell III
License/Certificate Type - Number: PE.0022819
Expiration Date: 03/31/2024
Status: Active

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Kenny Boagni
has attended
Traffic Control Supervisor-LA State Specific
Training Course

4/27/2022 to 4/27/2026
Training Valid Through

Baton Rouge, LA
Location

Director of Training
President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Kenny Boagni
has attended
Traffic Control Technician-LA State Specific
Training Course

4/26/2022 to 4/26/2026
Training Valid Through

Baton Rouge, LA
Location

Director of Training
President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

David Jarrell
has attended
Traffic Control Supervisor-LA State Specific
Training Course

4/27/2022 to 4/27/2026
Training Valid Through

Baton Rouge, LA
Location

Director of Training
President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

David Jarrell
has attended
Traffic Control Technician-LA State Specific
Training Course

4/26/2022 to 4/26/2026
Training Valid Through

Baton Rouge, LA
Location

Director of Training
President, CEO

ATSSA provides training and certification but neither constitutes employment by ATSSA.

American Traffic Safety Services Association ATSSA.com

Society of Wetland Scientists
Professional Certification Program, Inc

grants the designation

Professional Wetland Scientist

For

Paul Clifton

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

Kimberli J. Ponzio, PWS
President

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

Certificate of Attendance

presented to

Kerry Higgins

for attending the

National Environmental Policy Act (NEPA)
and Transportation Decision Making

and for having been awarded 18 Professional Development Hours

December 3- 5, 2002	Baton Rouge, LA	Sandra Ramirez
Date	Location	Authorized By

LTRC
Louisiana Transportation Research Center

Society of Wetland Scientists
Professional Certification Program, Inc

grants the designation

Professional Wetland Scientist

For

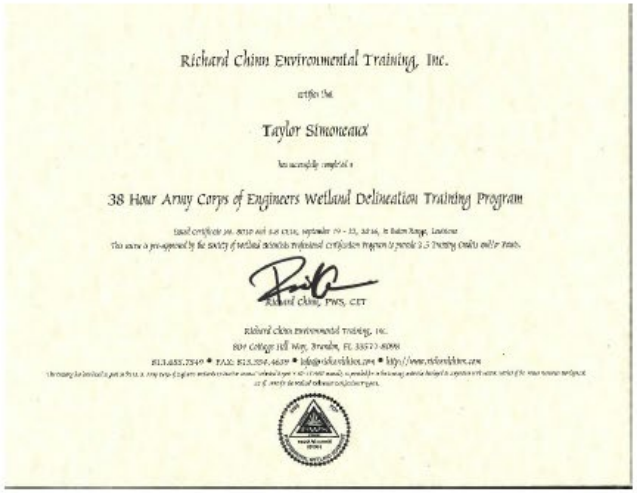
Taylor Simoneaux

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

Kimberli Poiencot

Kimberli Poiencot, PWS
President

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



Richard Chinn Environmental Training, Inc.

certifies that

Taylor Simoneaux

has successfully completed a

38 Hour Army Corps of Engineers Wetland Delineation Training Program

Said certificate no. 2016 and 1.6 CEUs, September 19 - 23, 2016, in Baton Rouge, Louisiana
This course is pre-approved by the SOCIETY of Wetland Scientists Professional Certification Program to provide 3.5 Training Credits and/or Points.

Richard Chinn, PWS, CET

Richard Chinn Environmental Training, Inc.
804 College Hill Way, Brandon, FL 33573-8008
813.655.7349 • FAX: 813.324.4639 • info@richardchinn.com • http://www.richardchinn.com

The Wildlife Society
INCORPORATED IN WASHINGTON, D.C.

grants the designation

Certified Wildlife Biologist

to

Taylor Nelson Simoneaux

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

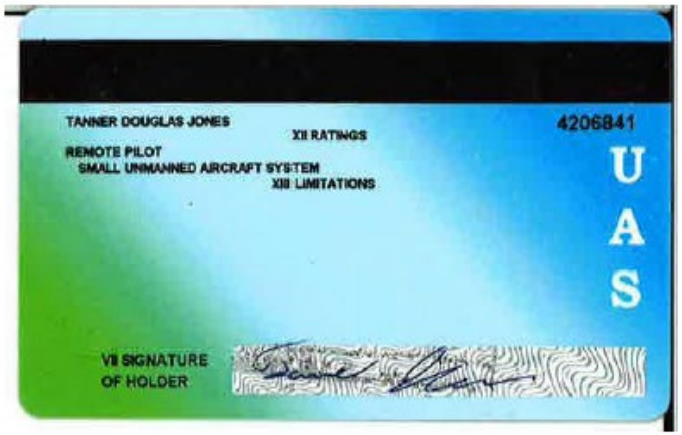
Gary C. White
President, The Wildlife Society

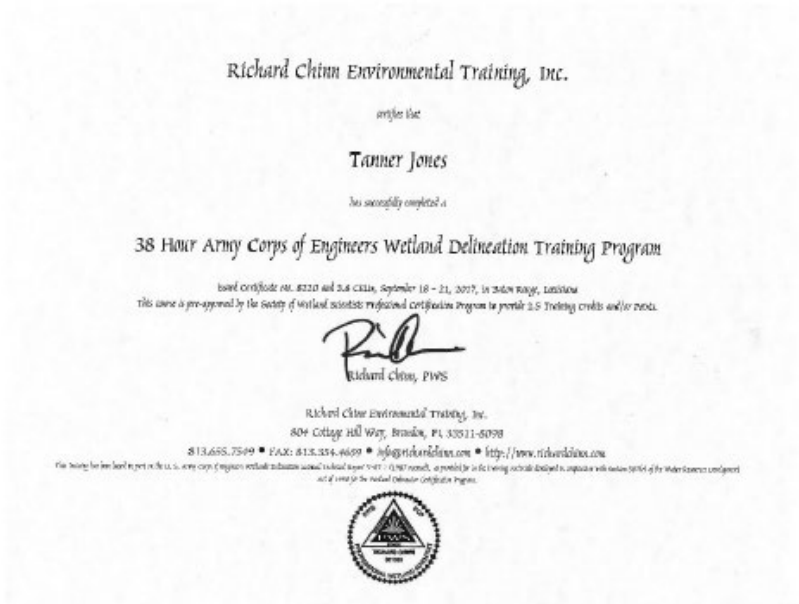
Chair, Certification Review Board

Executive Director, The Wildlife Society

Prime consultant name: **Morgan Goudeau & Associates, Inc.**

MGA
Morgan Goudeau & Associates
CIVIL ENGINEERS - LAND SURVEYORS





Richard Chinn Environmental Training, Inc.

certifies that

Tanner Jones

has successfully completed a

38 Hour Army Corps of Engineers Wetland Delineation Training Program

Issued Certificate no. 8220 and 3.8 CEUs, September 18 - 21, 2017, in Baton Rouge, Louisiana
This course is pre-approved by the Society of Wetland Scientists Professional Certification Program to provide 2.5 Training credits and/or PDUs.

Richard Chinn, PWS

Richard Chinn Environmental Training, Inc.
804 Cottage Hill Way, Brandon, FL 33511-6098
813.655.7549 • FAX: 813.334.4659 • info@richardchinn.com • http://www.richardchinn.com

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

QUALITY ASSURANCE/QUALITY CONTROL PLAN

In order to continue this agenda, this Quality Assurance/Quality Control Plan is being developed to ensure that the highest quality design and standards are achieved for the benefit of the public and its safety. This plan will address procedures for checking the accuracy and consistency of the calculations and drawings, detecting and correcting design deficiencies and errors in order to produce a set of plans and specifications that are adequate to construct the designed structures and assure that the design is safe and adequate for service and operation that it has been designed for. The phases of work that are being requested for engineering and surveying will be addressed in this plan.

REQUEST FOR QUALIFICATION STATEMENTS

The work anticipated from the engineering firm is outlined in the Request for Qualification Statements (RFQ) as outlined and advertised by the Department of Transportation and Development (DOTD) specific for this project. The major items of work are the Topographic Survey, Preliminary Plans, Final Plans, Construction Support (if required), and Shop Drawings (if required). The complete work outlined above is to be performed by the engineering and surveying firm and be the responsibility of the Engineer of Record for this project who is Kenny Boagni, III, a registered professional engineer and Jacob Jarrell, who is a registered professional land surveyor. The proposed work plan for this project will be outlined in this report. The Engineer of Record and Surveyor of Record shall sign, date, and seal all project documentation. The work will be performed in accordance with Louisiana Revised Statute (LRS) 37:681 through 37:703 and Title 46:Part LXI relating to Professional Engineering and Professional Surveying requirements.

Services to be performed by the DOTD for this project and are the responsibility of the DOTD are as follows:

1. All traffic assignments required for determination of design of the Project.
2. All information which it has in its files as to location of route, tentative locations of intersections and bridges, boring and test data if any, plans and studies within the area of the Project which may be useful to the Consultant in carrying out this work and assistance in securing similar data from others to the extent available.
3. Numbered field survey books as needed, as only field books furnished by the DOTD shall be acceptable for the recording of field data. These books shall be furnished at the request of the Consultant through the Project Manager.
4. Standard plan prints of bridges, culverts and incidental drainage structures prepared by the DOTD. It is the intent of this Contract that standard plans be used insofar as these plans are available in the design of all structures required for the Project and that the Consultant, under the stipulated contract compensation, shall prepare complete designs for structures required on the Project for which the DOTD=s standard plans are not available.
5. Prepare construction proposals for the project from the plans prepared by the Consultant and handle all bidding procedures applying thereto.
6. Provide the Consultant with mailing lists for the Solicitation of Views.
7. Provide PH and resistivity reports.
8. Provide Channel Probings (if needed).

Services to be performed by the Parish for this project and are the responsibility of the Parish are as follows:

1. Acquire all required right-of-way for the Project.
2. Relocate all utilities in the way of construction.
3. Obtain all required permits on the Project and pay associated fees.

4. Perform biological and cultural resource surveys if required.
5. Prepare permit applications

DESIGN STANDARDS AND CONTROL

The design and work for this project will be in accordance with the contract as executed between the DOTD and the Engineering firm. In addition, design criteria and guidelines will also be in accordance with the following manuals and references.

1. AASHTO Standards, ASTM Standards or DOTD Test Procedures
2. DOTD Location and Survey Manual
3. DOTD Roadway Design Procedures and Details
4. DOTD Resign Guidelines
5. DOTD Hydraulics Manual
6. DOTD Standard Specifications for Roads and Bridges - most recent publication
7. Manual of Uniform Traffic Control Devices
8. DOTD Traffic Signal Design Manual
9. National Environmental Pol
10. National Electric Safety Code (NESC)
11. National Electric Code (NFPA 70)
12. DOTD Environmental Impact Procedures (Vols. I-III)_
13. A Policy on Geometric Design of Highways and Streets (AASHTO)
14. DOTD Construction Contract Administration Manual
15. DOTD Materials Sampling Manual
16. DOTD Bridge Design Manual
17. Consultant Contract Services Manual
18. Geotechnical Engineering Services Document
19. Bridge Inspectors
20. DOTD Stage 1 Planning/Environmental Manual of Standard Practice
21. Code of Federal Regulations 29 CFR 1926 (OSHA)

Follow link below for individual reference links:

http://webmail.cotd.louisiana.gov/ContWEB.nsf/b88769326453bef886256fe00047183a/18fc2860512aba5886257a62006133b8?OpenDocument

APPENDIX "A"

WORK PLAN CHECKLIST

A. INITIAL WORK PHASE

Contract executed and received Notice to Proceed

Received Data from DOTD

Acknowledge receipt from data and notified DOTD

Researched property owners, deeds and maps

Made on-site visit with Parish to identify correct location

Obtained Photographs for Hydraulic Reports

Obtained Utility Information for the site

Contacted LA One Call before Survey

B. TOPOGRAPHIC SURVEYS

Surveyor on Site for Data Collection

Minimum of 4 TBMs (one at each end of project & at each bridge end)

Project number shown correctly

North Arrow

Scale shown - Horizontal and Vertical

Name of Roadway

Width of Roadway

Topo Notes

Centerline Elevations - 2 decimal places (asphalt or concrete roadway) or 1 decimal place (gravel roadway)

Bearings

Curve Data

Elevations & plus stations of channel @ centerline of roadway

Stream traverse shown & stationed where it ties to the survey line

Structure Number

Description of existing structure: W x L

# of Spans

Type of Bridge

Description of existing structure shown in upper right corner of field roll

Existing structure dashed & spans shown in the Plan View

Existing structure dashed & spans shown in the Profile View

All existing pipe dashed

Pipe diameters shown

All cross drains shown in profile (dashed) with flow lines

Name of waterway

Flow arrows in stream shown

Type of fence spelled out. # of strands of B/W shown

Utilities in plan & profile (if buried) shown

Utility Owners

Existing, Apparent or Assumed R/W

Reference Points

Low Chord Elevation shown on existing structure

Drainage Map with drainage area delineated

All lettering and symbols correct size and weight. Symbols correct.

Will all be legible when reduced to half-size?

State Plane coordinates shown on at least 2 points on field roll

State Project number and Parish name on all field books in permanent ink

Certification in all field books

Large trees located and shown

Statement of horizontal and vertical control

Tie to roadways on each end of project

C. HYDRAULIC REPORT

Project Description

Drainage area above 2000 acres - USGS Method

Drainage area below 2000 acres - Soil Conservation Method

Runoff Calculation

Frequency - Discharge Plot

Photographs of Bridge Site

Stage - Discharge Plot

Stage Elevation Calculations

Evaluation of Existing Structure

Evaluation of Proposed Alternates

Scour Analysis

D. TITLE SHEET

No Hand Lettering

Caption for Project - Include FAP & State Project No., Project Name, Structure Number and Parish Name in this order

Vicinity Map

Index - Indicate which sheets are not included for Submittals

Type of Construction

Project Name, Project No., Sheet No. in Title Block

Length of Project

Traffic Data

Signature Lines

Title Block Information

E. LAYOUT MAP

Scanned Parish Map provided by DOTD

Proposed Construction Labeled

Scale

North Arrow

Project Name, Project No., Sheet No., etc. in Title Block

F. TYPICAL SECTION

Design Data. Pavement thickness wearing & binder

Correct Section for roadway

Dimensions and Stations

Transitions

Title Block Information

G. PLAN - PROFILE SHEET

Survey - centerline shown with bearings and/or curves

Name of roadway

Name of stream/channel

Existing/assumed/apparent Right-of-way

Existing roadway width

Type of existing roadway

Structure number

Description of existing structure(s) - (length x width; number of spans; material)

Description of proposed structure - (length x width; number of spans; material) placed in the upper right-hand corner of the plan-profile sheet below existing structure

Stream traverse line (upstream and downstream) Tie stream traverse line to roadway

Channel elevations and plus stations (in profile)

Curve data

Temporary bench marks (four minimum) with stations and offsets. Verify with Field Book Notes.

Existing utilities and depth (if buried)

Utility owners/companies/addresses

North arrow and scale

Dash existing cross drains in profile

Show flow lines of existing cross drains in profile

Existing structure in both the plan and profile shall be dashed. The spans should be shown in both views. Elevation of low chord is to be noted.

Centerline elevations - 2 decimal places

Reference points and three-point ties

State Plane coordinates to be shown on at least 2 points on field roll

Hydraulic Data Table

Traffic count and road classification

PH - Resistivity Chart

Bases for coordinates and elevation datums

Title Block Information

Notes - Clearing and grubbing, salvageable material, unsalvageable material, etc.

H. SUMMARY SHEET

Guard Rail requirements and stations

Seeding

Fertilizer

Area

Vegetative mulch

Earthwork quantities

Stations for Transitions

Stations for full roadway width

Surface quantities

Base quantities

Title Block Information

I. SUMMARY OF ESTIMATED QUANTITIES

Correct item numbers and descriptions

Title Block Information

J. EROSION CONTROL PLAN

Silt fencing

Scale shown

North arrow

Hay bales

Slope drains

Title Block Information

K. DRAINAGE MAP

Drainage area boundaries

Note concerning backwater

Drainage area shown

North arrow

Drainage flow arrows

Stations for beginning and end of project

Title Block Information

L. SUMMARY OF DRAINAGE STRUCTURES

Correct Project shown

Description and stations of drainage structures

Lengths of drainage structures

Notes for pipe cover

Abbreviation legend

Title Block Information

M. CONSTRUCTION SIGNING LAYOUT

Structure location shown

Stations shown Project beginning and end

Signing shown

Ties to intersecting roads on each end

Title Block Information

N. GENERAL BRIDGE PLAN

Survey - centerline shown with bearings and/or curves

Name of roadway

Name of stream/channel

Existing/assumed/apparent Right-of-way

Existing roadway width

Type of existing roadway

Structure number

Description of existing structure(s) - (length x width; number of spans; material)

Description of proposed structure - (length x width; number of spans; material) placed in the upper right-hand corner of the plan-profile sheet below existing structure

Stream traverse line (upstream and downstream) Tie stream traverse line to roadway

Channel elevations and plus stations (in profile)

Curve data

Temporary benchmarks (four minimum) with stations and offsets. Verify with Field Book Notes.

Existing utilities and depth (if buried)

Utility owners/companies/addresses

North arrow and scale

Dash existing cross drains in profile

Show flow lines of existing cross drains in profile

Existing structure in both the plan and profile shall be dashed. The spans should be shown in both views. Elevation of low chord is to be noted.

Centerline elevations - 2 decimal places

Reference points and three-point ties

State Plane coordinates to be shown on at least 2 points on field roll

Hydraulic Data Table

Traffic count and road classification

PH - Resistivity Chart

Bases for coordinates and elevation datums

Title Block Information

Notes - Clear & grubbing, salvageable material, unsalvageable material, etc.

Plan-Profile plotted at 1" = 20' horizontal and 1" = 5' vertical

Pile Data Table and loading design

Pile diagram

Low chord elevation on proposed structure

New Piles indicated

Hydraulic Table shown

Excavation Area

Flexible Revetment

Elevation table

Title Block Information

High water design denoted

O. CROSS SECTIONS

Plotted at 1" = 5' horizontal and vertical

Stations shown

Centerline shown

Right-of-way shown

Title Block Information

P. SOLICITATION OF VIEWS AND CATEGORICAL EXCLUSIONS

Prepared Project Description

Prepared vicinity map

Prepared information package

Mailed out Solicitation Packages

Providence Categorical Exclusion Documents and Related Appendices (Preliminary and Final)

Q. WETLAND STUDIES

Providence Wetland Studies

Providence Findings Reports (Preliminary and Final)

Providence USACE Permit Application Figures

Reviewed by Morgan Goudeau & Associates, Inc.

R. BIOLOGICAL SURVEY AND ASSESSMENT

Reviewed by Morgan Goudeau & Associates, Inc.

S. ENVIRONMENTAL CLEARANCE

Information provided to DOTD

T. RIGHT-OF-WAY AGREEMENT AND SKETCH

State Project No. Shown

Bearing & distances

Acreages shown

Landowner shown

Reference to station & offsets

Reference to State Plane Coordinates

U. CONSTRUCTABALITY_BIDDABILITY_REVIEW

Completed Constructability-Biddability-Review Report

V. <u>FINAL PLANS</u>

All sheets included in Plans

Soil boring sheet

All films trimmed to proper size

Hydraulic disk prepared

Calculations of quantities prepared and bound

Calculations of quantities prepared by Independent Engineer in the Firm

_____ _____

Reviewed and Checked **Date**

APPENDIX "B"

Consultant Submittal QA/QC Certification

Project No.: _____

Project Name: _____

I, the undersigned Supervisor and Team Leader for this project, certify that the information included in this submittal has been prepared in accordance with the QA/QC plan documents and LA DOTD Bridge Design Section policy on QA/QC and the information presented is accurate and meets the requirements of this submittal.

Submittal Description

Survey Submittal.

_____	_____	_____
Supervisor and Team Leader Name	**Signature**	**Date**

APPENDIX "C"

QA/QC Certification

Project No.: _____

Project Name: _____

We, the undersigned designer, detailers, checkers and reviewers for this project, have reviewed and accepted the calculations, plans, quantities, special provisions, and cost estimate prepared for the project. We certify that the work for which we are responsible has been completed in accordance with the LA DOTD Bridge Design Section policy on QA/QC.

Team Members	Name	PE Registration No.	Responsible Plan Sheets	Signature
Designers				
Design Checkers				
Detailers				
Reviewers				
Peer Reviewer				

Geotechnical Engineer				
Hydraulic Engineer				
EOR				

APPENDIX "D"

Final Calculation Book Checklist

Cover Sheet

- **LA DOTD project number**
- **Project name**
- **The title of AFinal Calculation Book@**
- **The EOR=s seal with signature and date**

Final Calculation Book Check List

QA/QC Certifications

Design Criteria

Final Hydraulic Analysis Report from Hydraulic Engineer

Final Geotechnical Analysis Report from Geotechnical Engineer

Quantity Calculations

Special Provisions/NS-Items

Construction Cost Estimate (if required)

A PDF File of the Calculation Book

A PDF File of the Hydraulic Report

_____ _____

Reviewed and Checked **Date**

22. Sub-consultant information:

If one or more sub-consultants will be used, provide the name, address, point of contact and phone number for each. Otherwise, leave this section blank.

Firm Name (as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
Providence Engineering and Environmental Group LLC	1201 Main Street, Baton Rouge, LA 70802	**Paul Clifton, PWS** paulclifton@providenceeng.com	(225) 766-7400

23. Location:

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