

# DOTD FORM: 24-102

(Revised March 1, 2022)

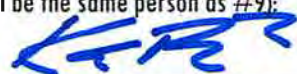
## PROPOSAL TO PROVIDE CONSULTANT SERVICES

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 North Joseph Street Over Creek Jefferson Davis Parish
2. Contract number(s) as shown in the advertisement	4400025052
3. State Project Number(s), if shown in the advertisement	H.015016.5
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	<b>Morgan Goudeau &amp; Associates, Inc.</b>
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	

<p>duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.</p>	<p>Signature (shall be the same person as #9):  </p> <hr/> <p>Date: December 19, 2022</p>	
<p>11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.</p>	<p><u>Firm(s):</u> N/A</p>	<p><u>Firm(s)' %:</u> N/A</p>

**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.

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

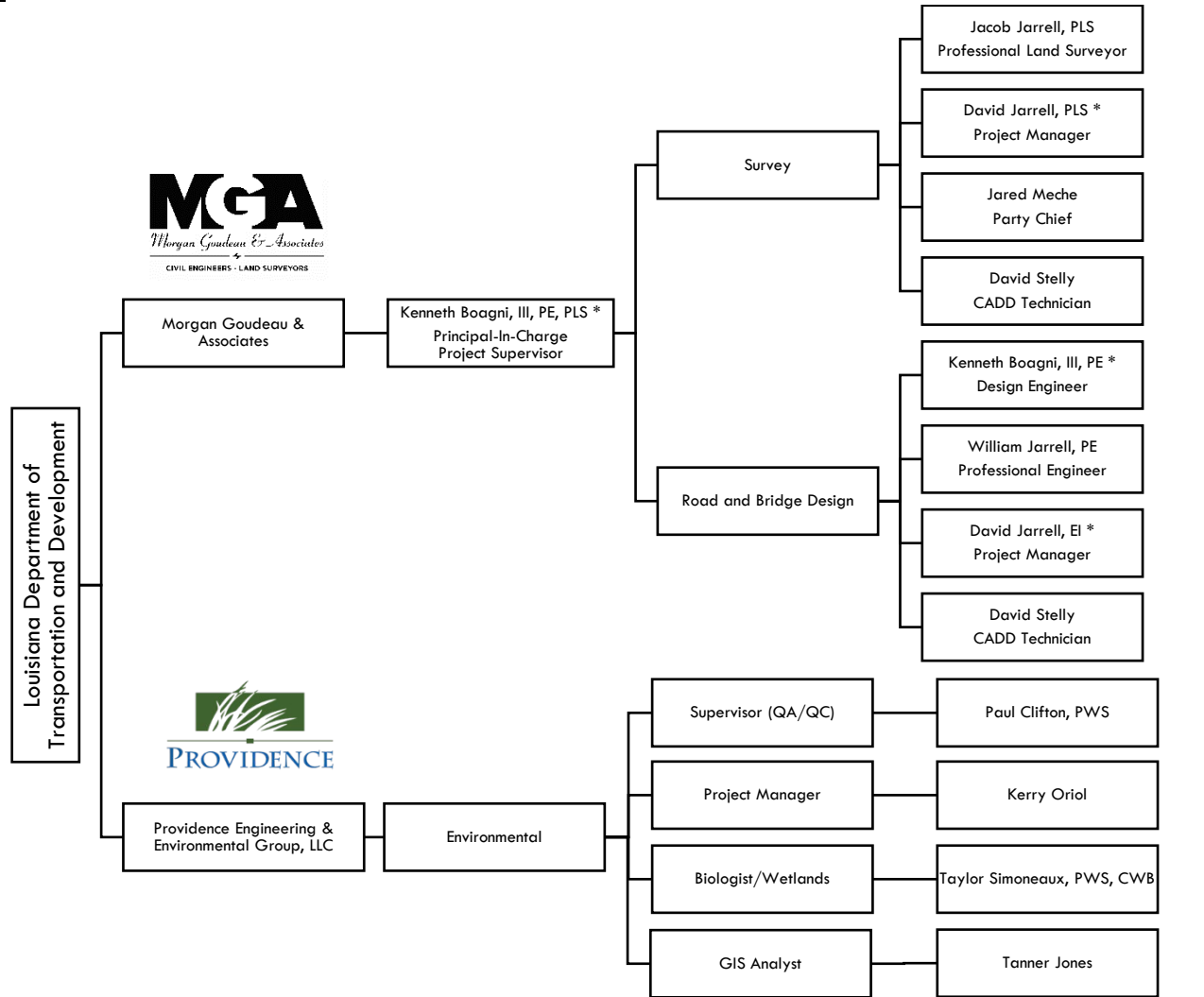
**13. Firm Size:**

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](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)
	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
	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**



**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		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		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
Title	Principal-in-Charge / Project Supervisor / P.E. / P.L.S.		22
		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 / Project Supervisor / Design Engineer   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 in many roles over the years, as an engineer and survey intern, design engineer and more recently a project supervisor and principal.		
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	<b>H.010032.5 OSBR (2 structure), Sabine Parish, MGA Project B#165-A – Design Engineer / Hydraulics, Bridge Plans, &amp; Environmental</b>
01/13-12/14	<b>H.009979.5 OSBR (1 structure), Caldwell Parish, MGA Project B#161 – Design Engineer / Hydraulics, Bridge Plans, &amp; Environmental</b>
04/11-02/13	<b>H.006043.5 OSBR (1 structure), Bossier Parish, MGA Project B#148 – Design Engineer / Hydraulics, Bridge Plans, &amp; Environmental</b>
04/11-02/13	<b>H.005128.5 OSBR (2 structure), West Carroll Parish, MGA Project B#146 – Design Engineer / Hydraulics, Bridge Plans, &amp; Environmental</b>
03/11-02/13	<b>700-25-0113/H.004315.5 OSBR (2 structure), Jackson Parish, MGA Project B#145 – Design Engineer / Hydraulics, Bridge Plans, &amp; Env</b>
12/10-02/13	<b>700-43-0112 OSBR (1 structure), Sabine Parish, MGA Project B#141 – Design Engineer / Hydraulics, Bridge Plans, &amp; Environmental</b>
06/02-01/11	<b>700-22-0122 OSBR (1 structure), Grant Parish, MGA Project B#131 – Design Engineer / Hydraulics, Bridge Plans, &amp; Environmental</b>
02/07-08/11	<b>700-21-0112 OSBR (3 structure), Franklin Parish, MGA Project B#121 – Design Engineer / Hydraulics, Bridge Plans, &amp; Environmental</b>
08/06-06/10	<b>700-16-0118 OSBR (3 structure), Desoto Parish, MGA Project B#112 – Design Engineer / Hydraulics, Bridge Plans, &amp; Environmental</b>
07/06-06/10	<b>700-43-0109 OSBR (2 structure), Sabine Parish, MGA Project B#108 – Design Engineer / Hydraulics, Bridge Plans, &amp; Environmental</b>
06/06-01/11	<b>700-35-0136 OSBR (2 structure), Natchitoches Parish, MGA Project B#106 – Design Engineer / Hydraulics, Bridge Plans, &amp; Environmental</b>
08/04-01/08	<b>700-30-0316 OSBR (3 structure), Lasalle Parish, MGA Project B#97 – Engineer Intern / Research, Survey, Hydraulics, Pile Design &amp; Env</b>
03/03-08/05	<b>700-42-0108 OSBR (7 structure), Richland Parish, MGA Project B#90 – Engineer Intern / Research, Survey, Hydraulics, Pile Design &amp; Env</b>
01/03-01/06	<b>700-02-0117 OSBR (6 structure), Allen Parish, MGA Project B#87 – Engineer Intern / Research, Survey, Hydraulics, Pile Design &amp; Env</b>
09/02-01/08	<b>700-05-0118 OSBR (3 structure), Avoyelles Parish, MGA Project B#85 – Engineer Intern / Research, Survey, Hydraulics, Pile Design &amp; Env</b>
07/02-11/03	<b>700-06-0208 OSBR (4 structure), Beauregard Parish, MGA Project B#83 – Engineer Intern / Research, Survey, Hydraulics, Pile Design &amp; Env</b>
11/00-12/02	<b>700-58-0114 OSBR (6 structure), Vernon Parish, MGA Project B#80 – Engineer Intern / Research, Survey, Hydraulics, Pile Design &amp; Env</b>



### 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:**

<i>Firm employed by</i>		<b>Morgan Goudeau and Associates, Inc.</b>	
<i>Name</i>	<b>William Jarrell</b>	<i>Years of relevant experience with this employer</i>	<b>40</b>
<i>Title</i>	<b>Principal / P.E.</b>	<i>Years of relevant experience with other employer(s)</i>	<b>0</b>
<i>Degree(s) / Years / Specialization</i>		<b>Bachelor of Science / 1982 / Civil Engineering</b>	
<i>Active registration number / state / expiration date</i>		<b>PE-0022819 / Louisiana / 03/31/2024</b>	
<i>Year registered</i>	<b>1987 PE</b>	<i>Discipline</i>	<b>Professional Engineer</b>
<i>Contract role(s) / brief description of responsibilities</i>		<b>Professional Engineer</b>   William will serve this project primarily in an administration capacity to ensure DOTD contractual obligations are followed, and in QA/QC reviews.	
<i>Experience dates (mm/yy–mm/yy)</i>	<i>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).</i>		
<b>05/82-Present</b>	<b>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 in St. Landry Parish. Specifically for this project William’s skill as a project administrator and QA/QC review engineer of project deliverables will be utilized.</b>		
<b>03/21-Ongoing</b>	<b>H.014220.5 OSBR (1 structure), Acadia Parish, MGA B#261 – Project Administration and QA/QC</b>		
<b>03/21-Ongoing</b>	<b>H.014226.5 OSBR (1 structure), St. Martin Parish, MGA B#265 – Project Administration and QA/QC</b>		
<b>02/21-Ongoing</b>	<b>H.014263.5 OSBR (1 structure), Tangipahoa Parish, MGA B#272 – Project Administration and QA/QC</b>		
<b>02/22-Ongoing</b>	<b>H.014262.5 OSBR (1 structure), Tangipahoa Parish, MGA B#266 – Project Administration and QA/QC</b>		
<b>01/21-Ongoing</b>	<b>H.014232.5 OSBR (1 structure), Ouachita Parish, MGA B#271 – Project Administration and QA/QC</b>		
<b>01/21-Ongoing</b>	<b>H.014229.5 OSBR (1 structure), Caddo Parish, MGA B#262 – Project Administration and QA/QC</b>		
<b>06/10-06/12</b>	<b>Hiram Street Bridge over Bayou Yarbor, City of Opelousas, St. Landry Parish, MGA B#130 – Principal-In-Charge / Design Engineer for Replacement of Existing 2-span concrete bridge with a 2-span concrete bridge at 60 degree crossing with 28’ clear roadway. Project included relocation of water main and the concrete lining of Bayou Yarbor at the bridge site.</b>		
<b>01/05-08/06</b>	<b>Ashwood (Linwood) Drive Bridge over Bayou Rawles, City of Opelousas, St. Landry Parish, MGA B#91 – Principal-In-Charge / Design Engineer for Replacement of Existing 2-span concrete bridge with 3- 10’ x 10’ RCB’s.</b>		

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

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



	<p>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. <b>Responsibilities:</b> Management of project schedule, NEPA process and NEPA document development, coordination of all work with six sub-consultants, environmental and alternatives analyses, environmental justice analysis, organization of agency meetings, public outreach/involvement meetings and materials, development of public information and agency involvement plans, and coordination of public events, development of relocation plan, preparation of decision documents.</p>
<p><b>Kerry Oriol</b> 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 <b>NEPA and Transportation and Decision-Making Process (NHI Course #142005)</b></p>	

# 16. Staff Experience:

Firm employed by		Providence Engineering and Environmental Group LLC		
Name	Paul Clifton, PWS		Years of relevant experience with this employer	18
Title	Impact Assessment Group Managing Director		Years of relevant experience with other employer(s)	13
Degree(s) / Years / Specialization		MS / 1986 / Forestry BS / 1982 / Forestry		
Active registration number / state / expiration date		3326 / 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	<b>Project Manager:</b> <i>Louisiana Department of Transportation and Development (LADOTD), Belle Chasse Bridge and Tunnel Replacement Project. Jefferson and Plaquemines Parish, LA.</i> As a subconsultant to Traylor Massman — Joint Venture, Providence is providing environmental compliance assistance to the first public/private/partnership transportation project in Louisiana. Providence has developed a Comprehensive Environmental Protection Plan (CEEP) for the project. Providence has also provided Stormwater Pollution Prevention Plans (SWPPP) and Spill Prevention Control/Spill Prevention Control and Countermeasures (SPC/SPCC) plans/guidance and developed training modules for construction personnel regarding sensitive resources. Providence is also providing on-site inspection services throughout the project’s construction cycle. <b>Responsibilities:</b> 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	<b>Project Manager:</b> <i>Coastal Protection and Restoration Authority, West Grand Terre Beach Nourishment and Stabilization Project (BA-0197) Jefferson Parish, LA.</i> Conducted field surveys for nesting birds and/or species of conservation concern for three months during the demolition phase of a beach nourishment project on West Grand Terre Island. Providence biologists coordinated the progress/observations with the US Fish and Wildlife Service, the Louisiana Department of Wildlife and Fisheries, and the CPRA project manager. <b>Responsibilities:</b> Fieldwork, Species Identification, Reporting, Data management.			
2017	<b>Wetlands Task Manager:</b> <i>Louisiana Department of Transportation and Development (LADOTD), I-10:415 To Essen Lane on I-10 and I-12, State Project No.H.004100.2; Federal Aid Project No.H004100, East and West Baton Rouge Parishes.</i> Managed wetland analysis fieldwork and reporting for a 550-acre corridor for the widening of I-10 and I-12 in East and West Baton Rouge Parishes. <b>Responsibilities:</b> Project oversight, resource allocation, and personnel management.			
2017	<b>Project Manager:</b> <i>St. Helena Parish Bridge Replacements, St. Helena Parish Police Jury (Subconsultant to Aucoin &amp; Associates.)</i> Wetland delineations, jurisdictional determination requests, and U.S. Army Corps of Engineers Nationwide Permitting for six bridge replacement projects in St. Helena Parish. <b>Responsibilities:</b> Project management, resource allocation, and quality assurance/quality control.			
2016	<b>Project Coordinator:</b> <i>East Baton Rouge Parish Department of Public Works, Lemon Road Bridge Replacement Project, East Baton Rouge Parish, LA.</i> Wetlands and ecological compliance assistance. Development and submittal of a wetland data report/jurisdictional determination			

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

# 16. Staff Experience:

Firm employed by		Providence Engineering and Environmental Group LLC		
Name	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	<b>Project Manager: Sunny Point Aggregates, LLC, Port Lake Sand Mine, Caddo and Bossier Parishes, LA.</b> 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	<b>Lead Biologist: Coastal Protection and Restoration Authority, West Grand Terre Structure Removal and Demolition, Jefferson Parish, LA.</b> 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	<b>Project Manager: Coastal Protection and Restoration Authority, Goose Point/Pointe Platte and Bayou Bonfouca Maintenance Project, St. Tammany Parish, LA.</b> Secured the necessary environmental permits for a marsh creation maintenance project.			
07/17-09/18	<b>Project Manager: Performance Proppants, LLC, River Ridge Sand Mining Project, Miller County, AR.</b> 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	<b>Project Manager: Pointe Coupee Parish Police Jury, False River Ecosystem Project, Pointe Coupee Parish, LA.</b> 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	<b>Wetlands/Permitting: Louisiana Department of Transportation and Development, Interstate 10 Widening Project, East Baton Rouge and West Baton Rouge Parishes, LA.</b> 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	<b>Wetlands/Permitting: Bayou Lafourche Freshwater District, Mississippi River Reintroduction into Bayou Lafourche, Assumption and Lafourche Parishes, LA.</b> 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	<b>Wetlands/Permitting:</b> <i>East Baton Rouge Parish Department of Public Works, Nicholson Drive Improvements, East Baton Rouge Parish, LA.</i> Conducted a wetland delineation project for the extension of Nicholson Drive in Baton Rouge, LA. Prepared a wetland data report/request for preliminary jurisdictional determination for submittal to the USACE New Orleans District.
05/16-06/16	<b>Wetlands/Permitting:</b> <i>I-49 Inner Connector Stage 1 Environmental Impact Statement, Shreveport, Caddo Parish, LA.</i> Conducted a wetland delineation and completed a wetland summary of findings for submittal to the North Louisiana Council of Governments to advise them on regulatory compliance associated with an interstate connection project in Shreveport, LA.
07/16-12/16	<b>Wetlands/Permitting:</b> <i>West Feliciana Parish, Department of Public Works, West Feliciana Parish, LA.</i> Participated in a wetland delineation project for the replacement of the Jacock Road Bridge near St. Francisville, LA. Prepared a wetland data report/request for preliminary jurisdictional determination for submittal to the USACE.
10/16-12/16	<b>Wetlands/Permitting:</b> <i>St. James Parish Government, Barras Road Extension, St. James Parish, LA.</i> Participated in a wetland delineation project for the extension of Barras Road near St. James, LA. Prepared a wetland data report/request for preliminary jurisdictional determination for submittal to the USACE.
<p><b>Taylor Simoneaux, CWB, PWS</b> <i>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.</i></p>	

## 16. Staff Experience:

Firm employed by		Providence Engineering and Environmental Group LLC		
Name	Tanner Jones		Years of relevant experience with this employer	5
Title	GIS Manager		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization			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	H.H. Wilson Road and Manchac Acres Road Bridges MGA Project B#254				Firm responsibility (prime or sub?)		Prime
Project number	H.013458.5		Owner's name	LA DOTD			
Project location	Ascension Parish			Owner's Project Manager		Barbara Ostuno	
Owner's address, phone, email		1201 Capital Access Road Baton Rouge, LA 70802 / (225) 379-1047 / Barbara.ostuno@la.gov					
Services commenced by this firm (mm/yy)			01/19	Total consultant contract cost (\$1,000's)			\$109
Services completed by this firm (mm/yy)			09/22	Cost of consultant services provided by this firm (\$1,000's)			\$105



In 2019, Morgan Goudeau and Associates, Inc. became the prime consultant for the replacement of two (2) bridges in Ascension Parish and provided all the required engineering and land surveying services on the contract. The existing two (2) span, 25.84' X 18.62', timber bridge on H.H. Wilson Road over a drainage bayou was replaced with 3 — 8' x 6' x 44' reinforced concrete box culverts (22' clear roadway.) H.H. Wilson Road is a dead-end road, so it will remain open during construction, and a low-profile runaround is to be put in place by the project contractor. The existing two (2) span, 37.53' X 24.26', concrete bridge on Manchac Acres Road over a drain to Muddy Creek was designed to be replaced with 4 — 9' x 9' x 50' reinforced concrete box culverts (22' clear roadway). MGA performed and developed the following for this project: topographic surveys, drainage maps, 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, Providence Engineering and Environmental Group, coordinated by MGA.



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

Key Sub-Consultant Highlighted in this project: **Providence Engineering & Environmental Group, LLC**



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 / Barbara Ostuno
Owner's address, phone, email		1201 Capital Access Road Baton Rouge, LA 70802 / (225) 379-1047 / Barbara.ostuno@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)		\$144



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 designed to be 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 designed to be 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 designed to be 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 surveys, drainage maps, 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 / Barbara Ostuno	
Owner's address, phone, email		1201 Capital Access Road Baton Rouge, LA 70802 / (225) 379-1047 / barbara.ostuno@la.gov				
Services commenced by this firm (mm/yy)		06/15	Total consultant contract cost (\$1,000's)			\$114
Services completed by this firm (mm/yy)		10/20	Cost of consultant services provided by this firm (\$1,000's)			\$108

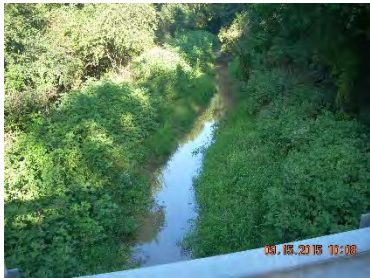


In 2015, Morgan Goudeau and Associates, Inc. became the prime consultant for the replacement of two (2) bridges in Rapides Parish and provided all the required engineering and land surveying services on the contract. The existing two (2) span, 48.57' X 20.90', timber bridge on Setliff Road over Bayou Pierre Tributary was designed to be 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 designed to be 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 surveys, drainage maps, 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	
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)			\$72



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



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	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)		\$63
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 scope of work for other bridge replacements included in the Off-System Bridge Replacements project and for the Prime Consultant firm of Morgan Goudeau & Associates, Inc., including bridges in Ouachita (H.014232), St. Martin (H.014226), Acadia (H.014220), Ascension (H.013458), and Tangipahoa (H.014262, H.014263) Parishes.

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

**Key Prime Consultant Highlighted in this project: Morgan Goudeau & Associates, Inc.**



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



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**

## **18. Approach and Methodology:**

### **I. Introduction - Morgan Goudeau and Associates Resources**

The firm of Morgan Goudeau and Associates, Inc. (MGA) offers over **34** years of Off-System Bridge Replacement (OSBR) Program experience invested across the State of Louisiana, making this firm one of the state's oldest and most experienced in the LA DOTD Federal-Aid program OSBR Program, crediting direct involvement with the program since 1988. MGA has an extensive track record in the OSBR Program as the Prime Consultant, having worked closely with DOTD Program Managers (PM) to deliver quality engineering and land surveying-related services on over **120** bridge structure replacements (single/multi-barrel culverts and reinforced concrete box culverts, standard and quad beam concrete slab span bridges, and special detail slab span bridges) in **30** Parishes (Acadia, Allen, Ascension, Avoyelles, Beauregard, Bienville, Caddo, Caldwell, Calcasieu, 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 Carroll).

The current staff of MGA includes the key administrative, project management, surveying, engineering, and graphics personnel with the collective experience in the OSBR Program to effectively produce high-quality deliverables throughout the project, and in strict adherence with the OSBR Program Guidelines Manual. The MGA team for this project will be headed by Kenneth Boagni, III, PE, PLS, as the principal-in-charge, project supervisor, and lead design engineer, and supported with David Jarrell, PLS, EI, as the project manager, and Jacob Jarrell, PLS, EI, as the professional land surveyor of record, along with additional critical staff (reference project specific staffing plan in Section 15). For the completion of Wetland Studies on this project, MGA will engage the services of Providence Engineering and Environmental Group, led by the qualified leadership of Paul Clifton and Taylor Simoneaux, to perform this work, and MGA has had a good working relationship with them on past OSBR projects (reference Section 17).

### **II. Project Approach**

MGA manages OSBR projects with an approach that is built on strong communication, and ensuring team understanding of work scope, resulting in timely submission of reports, schedules, and deliverables in accordance with the firm's QA/QC plan (reference Section 21). 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 to establish an understanding of management procedural preferences. This meeting will also serve to address strategies to discuss 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. This communication approach with the PM will be implemented throughout each phase of the project contract from the original Topographic Survey (Stage 3, Part Ia) and Preliminary Plans (Stage 3, Part III) agreement to any required supplementary agreements for Final Plans (Stage 3, Part IV) or Extra Work Letters. Throughout the contract timeline, the required project deliverables and invoices (in hard copy and electronic formats) shall be submitted in accordance with current LA DOTD standards and procedures, and further outlined in the OSBR Program Guidelines.

### **III. Project Methodology**

Specifically, this project in Jefferson Davis Parish consists of the replacement of one (1) existing bridge, and MGA has the engineering and land surveying experience with the OSBR Program and particular means to complete this bridge replacement effectively, as the scope is very similar to many OSBR projects done by the firm over the years throughout Louisiana. Based upon initial desktop review, the bridge on North Joseph Street in Jefferson Davis Parish is a 4 span (approximately 65' in length) timber bridge with a 5 ton posted weight limit on an existing Parish asphalt roadway, 18'-19' in width (apparent right-of-way of 50'), with open roadside ditches and a posted speed limit of 25 mph. This structure will likely need to be replaced with a standard concrete slab 4-span bridge (80' in length) at a 90 degree crossing with 24' clear roadway and 10' approach slabs, or alternatively with reinforced concrete box culverts. No detour bridge will be required to replace this structure, as North Joseph Street can be closed, and the length of detour route is acceptable. If a bridge is selected at this location, vibration monitoring will likely not be recommended by the District Engineer at this location, as the nearest residence is located 270' northeast of the project location. Existing side drains are present at each quadrant of the



bridge, and the existing drainage pipes will need to be replaced in the project. Overhead electric is located within the right-of-way on both the east and west sides of the bridge, and will need to be evaluated for relocation, along with the existing water main on the east side. An existing sewer lift station is located with-in the project limits, approximately 225' north of the bridge, on the east side of the road, and the location of a sewer gravity main or force main crossing at the project site is not apparent. There is evidence that additional utilities may be present within the project limits. The east side of the bridge has small brush and trees, and the west side has 1-2 larger trees, along with small brush, that will need to be removed in construction. There is no evidence of existing fences in the immediate project work area at the bridges, that may need to be removed/replaced. This bridge is located in a regulated Floodway, in Zone AE, with a Base Flood Elevation (BFE) of 17.10' (MSL), so a No-Rise Certificate will be required for selected replacement structure in coordination with the local Floodplain Administrator.

The general scope of work for the project will consist of performing topographic survey, hydraulic analysis, preliminary roadway and bridge plans, solicitation of views and categorical exclusion documentation for environmental clearance, wetlands findings report, right-of-way sketch(es) and agreement(s) for Parish acquisition, and final roadway and bridge plans, and the overall project methodology is outlined in detail by the specific contract tasks as follows:

**A. Topographic Survey – Stage 3, Part I(a)**

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 desktop review will include available aerial imagery, street view imagery, property maps and data, topographic maps, elevation data (using LIDAR), 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. Through prior experience in the OSBR Program, the MGA PLS staff finds it helpful to also research adjacent property owner records and maps in the local courthouse to assist in affirming existing roadway right-of-ways (ROW) and property boundaries, as this information can be helpful in the development of the project plans and any required ROW/servitude(s). Before or 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.

DOTD OSBR Manual will guide the survey limits and data acquisition parameters. 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. 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.

The project PLS, project manager and staff of MGA will ensure field supervision and Quality Control and Quality Assurance (QC/QA) according to specifications of the OSBR Program Manual. The PLS and project manager will provide field supervision and QA/QC of survey procedures, data collection and appropriate traffic control measures 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.

MGA will review the topographic survey(s), existing plan-profile(s), cross-sections and drainage map(s) in strict accordance with the OSBR Guidelines and submit them to the PM for review and approval. It is anticipated the topographic survey work will be completed within 30 days of receipt of the NTP from DOTD.

### **B. Hydraulic Analysis & 50% Drawings – Stage 3, Part III**

Upon notice of approval of the topographic survey and receipt of NTP, if deemed necessary by the project team, MGA will issue Notice of Inquiry Letters and Maps to the NRCS, USACE, the Parish 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 structure 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. 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 USACE HEC-RAS program to model the water surface profiles along the channel and bridge structures. The compiled hydraulic analysis/report, along with supportive calculations and data, will outline the recommended replacement structure and any viable alternative structure(s). Pile scour calculations will be performed and included in the Report during final plans, should the recommended replacement structure be a bridge. The hydraulic analysis, along with 50% drawings, will be submitted to PM within 45 days of NTP.

### **C. Preliminary Plan Development (Pre-PIH/PIH) - Stage 3, Part III**

Upon receipt of the approved hydraulics report from DOTD, MGA will confer with PM on the requirement of Preliminary Plan-In-Hand (Pre-PIH) submittal for this project. Typically in the OSBR Program, the PM will decide to move the project forward to Plan-In-Hand (PIH) directly, depending on the project complexity, and forego the Pre-PIH and issue a NTP for PIH submittal. For this project, it is anticipated that it will move directly into PIH phase. As the replacement structure for the project has been approved, MGA will immediately begin work on the project plans, and simultaneously prepare and send out Solicitation of Views (SOVs) packets, with specific project information, to appropriate Federal, State, Parish and local agencies from the DOTD mailing list, to begin the environmental clearance process. The complete 90% submittal of the PIH project plans and Constructability/Biddability forms will be submitted to PM within 45 days of NTP.

### **D. PIH Coordination and Field Review - Stage 3, Part III**

After submittal of PIH, the PM will coordinate with MGA, DOTD Geotechnical, District DOTD and Parish officials about coordinating a field review (Plan-In-Hand meeting) of the project to discuss the project in detail. This review of the project plans is a critical stage in the entire OSBR process, as it effectively clarifies the project scope and enriches the accuracy of the project design. Following review of field PIH comments and notes by PM, the NTP for Revised Post Plan-In-Hand is issued to MGA. If required, the PM also notifies DOTD Pavement and Geotechnical Services Section, at this time, to complete geotechnical subsurface investigation (boring request).

### **E. Post Plan-In-Hand (RPPIH) - Stage 3, Part III**

Upon receipt of NTP for Post Plan-In-Hand (RPPIH) deliverables, MGA will then prepare the RPPIH from the PIH and PM comments, in accordance with DOTD OSBR guidelines. The RPPIH will be submitted along with the appropriate information detailed below within 45 days of NTP.

#### **a. Wetland Studies**

Following PIH meeting, MGA will provide the appropriate project information to our subconsultant, Providence Engineering and Environmental, to conduct an onsite wetland delineation of the project, and complete a wetland findings report to accompany the required USACE sketches, SOV packet and environmental checklist.

#### **b. Solicitation of Views (SOV), CE Checklist and USACE Drawings**

MGA will prepare a CE checklist from the responses received from the mailed SOV requests, along with the wetland findings report, USACE 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.

c. **ROW Sketch(es) and Agreement(s)**

From the limits of construction established from the cross sections of the project plans, the required right-of-way shall be determined. The MGA PLS will then prepare any required right-of-way or servitude sketch(es) and agreement(s), in accordance with the provisions outlined in the OSBR manual, and submitted to the DOTD PM.

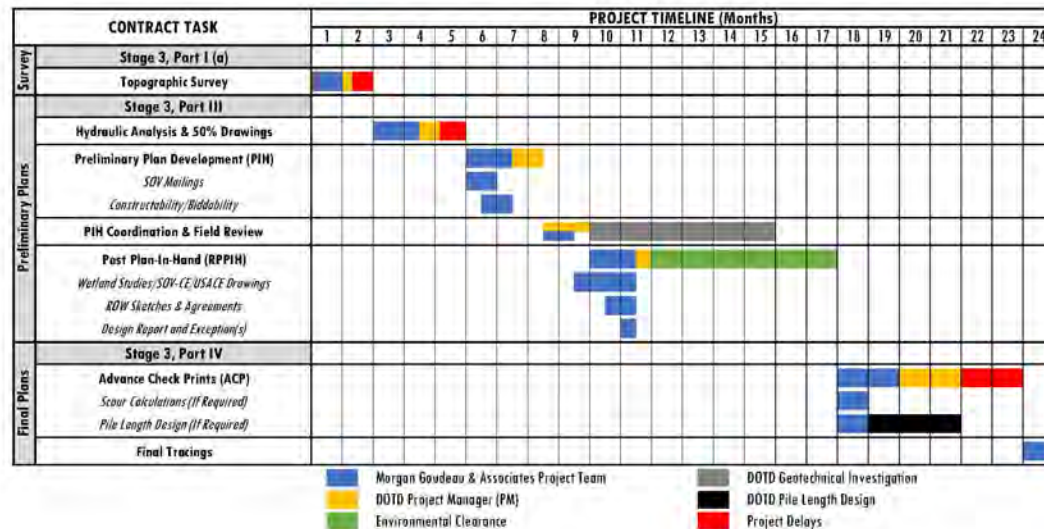
d. **Design Report and Exception(s)**

Any deviation from the DOTD design criteria will require preparation of a design exception by MGA for submittal to the DOTD PM for presentation to the DOTD chief engineer for consideration of approval. The project design report and exception(s) will be submitted to the DOTD PM.

**F. Final Plans (Pre-ACP/ACP and Final Tracings) – Stage 3, Part IV**

Upon receipt of the environmental clearance for this project, MGA will confer with PM on the requirement of Preliminary Advance Check Print (Pre-ACP) submittal for this project. Typically in the OSBR program, the PM will decide to move the project forward to Advance Check Print (ACP) directly, depending on the project complexity, and forego the Pre-ACPs. For this project, it is anticipated that it will move directly into ACP phase. Additionally at this stage in the project, and if the selected structure is a bridge, MGA will confer with PM on status of the geotechnical investigation, and if completed, a Geotechnical Design Request (Pile Design Request) will be submitted by MGA, along with appropriate information, to the DOTD Pavement and Geotechnical Services Section. Additionally, if required, additional design request(s) for Sheet Pile Wall(s) or Embankment Settlement will be made at this time. Upon receipt of NTP for ACP deliverables, MGA will then complete required scour analysis (bridge replacements only) and incorporate into the final hydraulic report. MGA will develop plans and quantities from the RPPH submittal comments, in accordance with DOTD OSBR guidelines, and submit to DOTD PM within 60 days of NTP. Upon receipt of NTP for Final Tracing deliverables, MGA will then prepare the Final Tracings from the ACP submittal comments, in accordance with DOTD OSBR guidelines. Final tracings will be sealed, signed, and dated by the MGA engineer and surveyor of record, and submitted to PM, along with bound calculations of quantities, hydraulic analysis and field books within 30 days of NTP.

**IV. Anticipated Project Schedule**





**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**
	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	\$3,876
	Bridge	H.014263.5	N. Hoover Road over Unnamed Creek Tangipahoa Parish	\$4,499
	CE&I/OV Road	H.004634	IDIQ Contract for Construction Engineering <b>TASK 1</b> 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

	Environmental	H.003968.5	SPN 700-10-0115; I-10 Calcasieu River Bridge, Sampson St. Interchange <b>TASK 1</b> 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









*Society of Wetland Scientists  
Professional Certification Program, Inc.*

grants the designation

## Professional Wetland Scientist

For

**Paul Clifton**

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

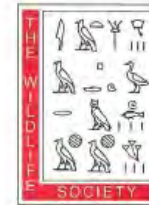


*Kimberly J. Ponzio*  
Kimberly J. Ponzio, PWS  
President

*Robert C. Shumlin*  
Robert C. Shumlin, Ph.D., PWS  
Review Panel Chair







**The Wildlife Society**  
INCORPORATED IN WASHINGTON, D.C.

grants the designation

**Certified Wildlife Biologist**

for

**Taylor Nelson Simoneaux**

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



*Barry C. White*  
Barry C. White  
President, The Wildlife Society

*Steve Carls*  
Steve Carls  
Chair, Certification Review Board

*Robert D. Starnes*  
Robert D. Starnes, Ph.D., PWS  
Executive Vice President, The Wildlife Society



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. 82217 and S.A. 01116, September 18 - 21, 2017, 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 recs.

*Richard Chinn*  
 Richard Chinn, PWS

Richard Chinn Environmental Training, Inc.  
 804 Cottage Hill Way, Brandon, FL 33511-5098

813.655.7549 • FAX: 813.334.4659 • [info@richardchinn.com](mailto:info@richardchinn.com) • <http://www.richardchinn.com>

This training has been listed as part of the U.S. Army Corps of Engineers Wetland Delineation Training Program (WDT) 101711-0197 records, as provided by the training records developed to comply with section 10105 of the Water Resources Development Act of 1986 for the Wetland Delineation Training Program.



## **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 Probing (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. CONSTRUCTABILITY BIDDABILITY REVIEW**

**Completed Constructability-Biddability-Review Report**

**V. FINAL PLANS**

**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
<b>Designers</b>				
<b>Design Checkers</b>				
<b>Detailers</b>				
<b>Reviewers</b>				
<b>Peer Reviewer</b>				

<b>Geotechnical Engineer</b>				
<b>Hydraulic Engineer</b>				
<b>EOR</b>				

## **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**

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**Reviewed and Checked**

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**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.

<b>Firm Name (as registered with Louisiana's Secretary of State)</b>	<b>Address</b>	<b>Point of Contact and email address</b>	<b>Phone Number</b>
<b>Providence Engineering and Environmental Group LLC</b>	1201 Main Street, Baton Rouge, LA 70802	<b>Paul Clifton, PWS</b> 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.