August 7, 2025

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT

Morgan Goudeau & Associates

CIVIL ENGINEERS - LAND SURVEYORS

CONTRACT FOR OFF-SYSTEM HIGHWAY BRIDGE PROGRAM

ANGUS AVE OVER DRAINAGE CANAL

EAST BATON ROUGE PARISH | CONTRACT NO. 4400030642 | H.015975.5

DOTD FORM: 24-102

(Revised December 12, 2024)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

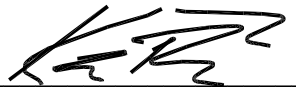
Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.

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

1. Contract Name as shown in the advertisement	Contract for Off System Highway Bridge Program Angus Ave Over Drainage Canal East Baton Rouge Parish
2. Contract Number(s) as shown in the advertisement	4400030642
3. State Project Number(s), if shown in the advertisement	H.015975.5
4. Prime consultant name **(name must match <u>exactly</u> as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; <u>include screenshot from SOS at the end of Section 20</u>)**	**Morgan Goudeau & Associates, Inc.**
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	Engineering: EF.0001118 Surveying: VF.0000183
6. Prime consultant mailing address	1703 West Landry Street Opelousas, LA 70570
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	1703 West Landry Street Opelousas, LA 70570
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Kenneth Boagni, III, P.E., P.L.S., President (337) 948-4222 | kenny@morgangoudeau.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Kenneth Boagni, III, P.E., P.L.S., President (337) 948-4222 | kenny@morgangoudeau.com

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

Morgan Goudeau & Associates
CIVIL ENGINEERS · LAND SURVEYORS

10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response. **Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.**	 Signature above shall be the same person listed in Section 9: Date: August 7, 2025	

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

12. <u>Discipline Table:</u>

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

The **only** disciplines to be used are listed in the drop down in each row (Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic). **Remove rows as needed.**

Discipline(s)	% of Overall Contract	Prime Consultant MGA	Sub-Consultant Providence	Firm C	Firm D	Firm E	Each Discipline must total to 100%
Bridge	55%	100%	0%				**100%**
Environmental	15%	50%	50%				**100%**
Survey	30%	100%	0%				**100%**
Identify the percentage of work for the **<u>overall contract</u>** to be performed by the prime consultant and each sub-consultant.							
Percent of Contract	**100%**	92.5%	7.5%				

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 (must specify)" and include the classification title inside the parentheses.

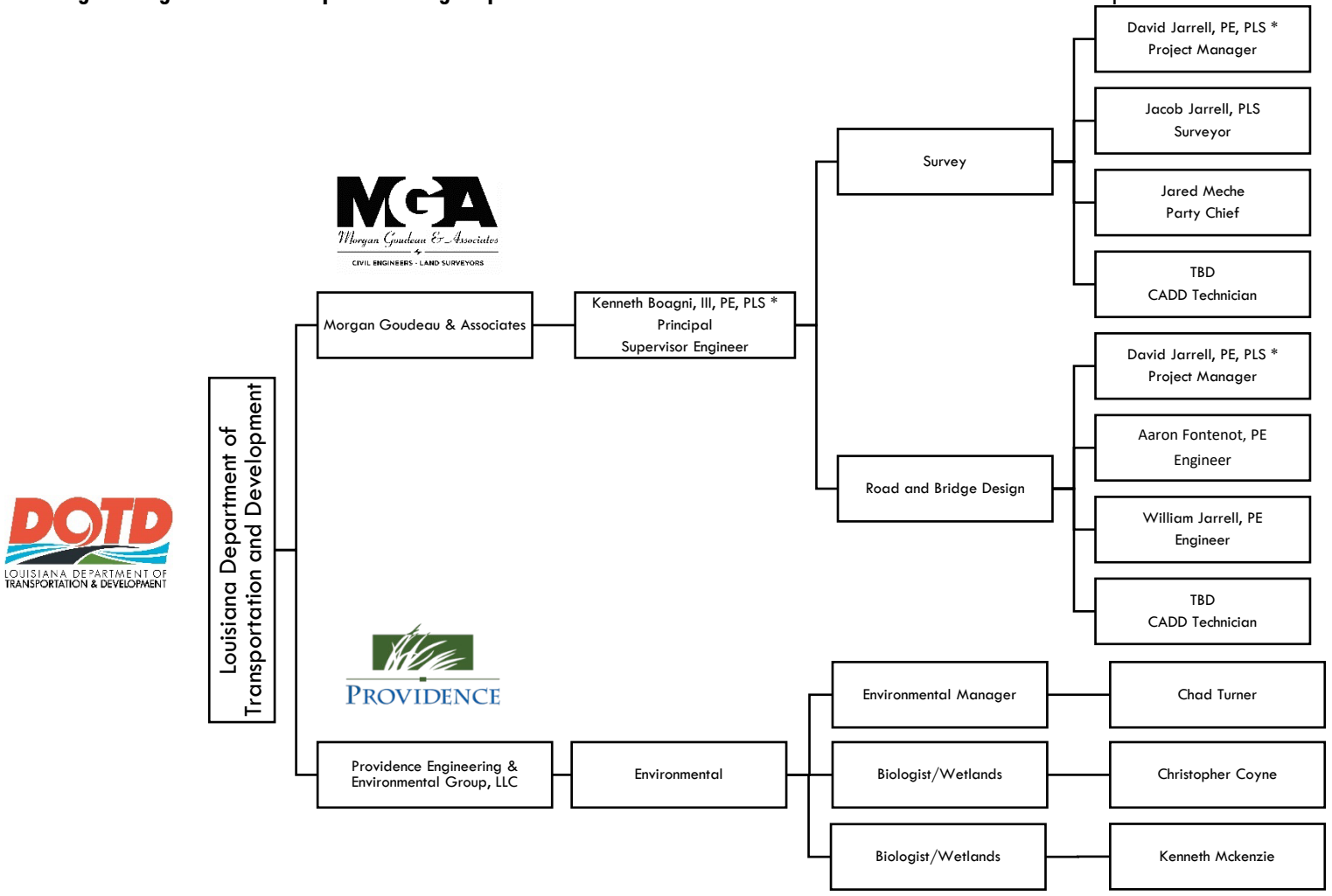
The DOTD Job Classification(s) to be used can be found at the following link:

http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf

Firm name	DOTD Job Classification	**Number of personnel committed to this contract**	Total number of personnel available in this DOTD Job Classification (if needed)
MGA Morgan Goudeau & Associates CIVIL ENGINEERS - LAND SURVEYORS	Principal	1	4
	Supervisor Engineer	1	2
	Engineer	3	3
	Surveyor	2	2
	CADD Technician	1	2
	Party Chief	1	1
	Instrument Man	1	1
	Rodman	1	1
	Clerical	1	2
PROVIDENCE	Environmental Manager	1	1
	Biologist/Wetlands	2	3

14. <u>Organizational Chart</u>:

Provide an organizational chart showing ALL **relevant** prime consultant and sub-consultant (if applicable) personnel assigned to the contract, area of project responsibility for each, and reporting lines for the purposes of this contract. An individual's role does not necessarily have to match their DOTD job classification identified in Section 13. **If applicable, identify all personnel performing traffic engineering analysis and/or QC of traffic engineering analysis by placing an asterisk next to their name. Include the certificates required by the Traffic Engineering Process and Report Training Requirements article of the Advertisement in Section 20.** It is acceptable to use an 11x17 format for Section 14.



*** 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. Make sure the P.E. discipline is also listed (highlighted in table) that is meeting the MPR; e.g. professional civil engineer should show the discipline of the license as civil if meeting that MPR.

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license / certification & number	State of license	License / certification expiration date
1,2,3	Kenneth Boagni, III, PE	MGA Morgan Goudeau & Associates CIVIL ENGINEERS · LAND SURVEYORS	Civil Engineer PE-31312	LA	09/30/2025
4	Jacob Jarrell, PLS		Land Surveyor PLS-5211	LA	09/30/2025
5	Chad Turner	PROVIDENCE	Environmental Professional Wetland Delineation Training Certificate 5680	N/A	N/A

16. Staff Experience:

Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 14 and/or 15 of the proposal. Résumés of personnel not identified in Section 14 or Section 15 of the proposal should not be included and will not be evaluated. Résumés are **limited to 2 pages per person**. Any certificates required by the advertisement are to be placed in Section 20.

Firm employed by	**Morgan Goudeau and Associates, Inc.**				
Name	**Kenneth Boagni, III**		*Years of relevant experience with this employer*	25	
Title	Principal / Supervisor Engineer / P.E. / P.L.S.		*Years of relevant experience with other employer(s)*	0	
Degree(s) / Years / Specialization			Bachelor of Science / 2000 / Civil Engineering		
Active registration number / state / expiration date			PE-31312 / Louisiana / 09/30/2025 PLS-5215 / Louisiana / 09/30/2025		
Year registered	2004 PE / 2019 PLS	*Discipline*	Professional Engineer / Professional Land Surveyor		
Contract role(s) / brief description of responsibilities			**Principal-In-Charge / Supervisor 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-five (25) years of civil engineering and land surveying experience to the project and has worked on eighty-nine (89) OSBR projects in many roles over the years, as an engineer and survey intern, design engineer and more recently a project supervisor and principal.**
10/23-ongoing	**H.015050.5 OSBR (1 structure), Plaquemine Parish, MGA B#291 –** Principal-in-Charge / Project Supervisor / Design Engineer
10/23-ongoing	**H.015017.5 OSBR (1 structure), St. Bernard Parish, MGA B#298 –** Principal-in-Charge / Project Supervisor / Design Engineer
09/23-ongoing	**H.015016.5 OSBR (1 structure), Jeff Davis Parish, MGA B#289 –** Principal-in-Charge / Project Supervisor / Design Engineer
08/23-ongoing	**H.015013.5 OSBR (2 structure), Tangipahoa Parish, MGA B#284 –** Principal-in-Charge / Project Supervisor / Design Engineer
08/23-ongoing	**H.015014.5 OSBR (1 structure), Tangipahoa Parish, MGA B#288 –** Principal-in-Charge / Project Supervisor / Design Engineer
06/23-ongoing	**H.014986.5 OSBR (2 structure), Richland Parish, MGA B#283 –** Principal-in-Charge / Project Supervisor / Design Engineer
06/23-ongoing	**H.015015.5 OSBR (1 structure), Lasalle Parish, MGA B#287 –** Principal-in-Charge / Project Supervisor / Design Engineer
03/21-03/24	**H.014220.5 OSBR (1 structure), Acadia Parish, MGA B#261 –** Principal-in-Charge / Project Supervisor / Design Engineer
03/21-03/25	**H.014226.5 OSBR (1 structure), St. Martin Parish, MGA B#265 –** Principal-in-Charge / Project Supervisor / Design Engineer
02/21-06/23	**H.014263.5 OSBR (1 structure), Tangipahoa Parish, MGA B#272 –** Principal-in-Charge / Project Supervisor / Design Engineer
02/22-05/23	**H.014262.5 OSBR (1 structure), Tangipahoa Parish, MGA B#266 –** Principal-in-Charge / Project Supervisor / Design Engineer
01/21-12/24	**H.014232.5 OSBR (1 structure), Ouachita Parish, MGA B#271 –** Principal-in-Charge / Project Supervisor / Design Engineer
01/21-01/25	**H.014229.5 OSBR (1 structure), Caddo Parish, MGA B#262 –** Principal-in-Charge / Project Supervisor / Design Engineer
12/18-08/22	**H.013458.5 OSBR (2 structures), Ascension Parish, MGA B#254 –** Principal-in-Charge / Project Supervisor / Design Engineer
09/15-02/19	**H.011544.5 OSBR (3 structure), St. Landry Parish, MGA Project B#219 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
10/15-01/17	**H.011676.5 OSBR (1 structure), Lasalle Parish, MGA Project B#216 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
09/15-10/17	**H.011539.5 OSBR (1 structure), Webster Parish, MGA Project B#215 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
06/15-02/18	**H.011531.5 OSBR (2 structure), Rapides Parish, MGA Project B#209 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental

06/15-04/18	**H.011525.5 OSBR (1 structure), Sabine Parish, MGA Project B#207 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
05/14-12/16	**H.010941.5 OSBR (1 structure), Catahoula Parish, MGA Project B#202 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
11/13-05/16	**H.010561.5 OSBR (3 structure), Bienville Parish, MGA Project B#193 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
10/13-12/14	**H.010827.5 OSBR (1 structure), Ouachita Parish, MGA Project B#189 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
10/13-06/15	**H.010659.5 OSBR (2 structure), East Baton Rouge Parish, MGA Project B#185 –** Design Engineer / Hydraulics, Bridge Plans, & Env
06/13-11/15	**H.010592.5 OSBR (3 structure), Grant Parish, MGA Project B#177 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
03/13-04/18	**H.010038.5 OSBR (1 structure), Madison Parish, MGA Project B#173 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
02/13-01/15	**H.010067.5 OSBR (2 structure), Claiborne Parish, MGA Project B#170 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
02/13-07/15	**H.010033.5 OSBR (2 structure), Sabine Parish, MGA Project B#165-B –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
02/13-07/15	**H.010032.5 OSBR (2 structure), Sabine Parish, MGA Project B#165-A –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
01/13-12/14	**H.009979.5 OSBR (1 structure), Caldwell Parish, MGA Project B#161 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
04/11-02/13	**H.006043.5 OSBR (1 structure), Bossier Parish, MGA Project B#148 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
04/11-02/13	**H.005128.5 OSBR (2 structure), West Carroll Parish, MGA Project B#146 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
03/11-02/13	**700-25-0113/H.004315.5 OSBR (2 structure), Jackson Parish, MGA Project B#145 –** Design Engineer / Hydraulics, Bridge Plans, & Env
12/10-02/13	**700-43-0112 OSBR (1 structure), Sabine Parish, MGA Project B#141 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
06/02-01/11	**700-22-0122 OSBR (1 structure), Grant Parish, MGA Project B#131 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
02/07-08/11	**700-21-0112 OSBR (3 structure), Franklin Parish, MGA Project B#121 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
08/06-06/10	**700-16-0118 OSBR (3 structure), Desoto Parish, MGA Project B#112 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
07/06-06/10	**700-43-0109 OSBR (2 structure), Sabine Parish, MGA Project B#108 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
06/06-01/11	**700-35-0136 OSBR (2 structure), Natchitoches Parish, MGA Project B#106 –** Design Engineer / Hydraulics, Bridge Plans, & Environmental
08/04-01/08	**700-30-0316 OSBR (3 structure), Lasalle Parish, MGA Project B#97 –** Engineer Intern / Research, Survey, Hydraulics, Pile Design & Env
03/03-08/05	**700-42-0108 OSBR (7 structure), Richland Parish, MGA Project B#90 –** Engineer Intern / Research, Survey, Hydraulics, Pile Design & Env
01/03-01/06	**700-02-0117 OSBR (6 structure), Allen Parish, MGA Project B#87 –** Engineer Intern / Research, Survey, Hydraulics, Pile Design & Env
09/02-01/08	**700-05-0118 OSBR (3 structure), Avoyelles Parish, MGA Project B#85 –** Engineer Intern / Research, Survey, Hydraulics, Pile Design & Env
07/02-11/03	**700-06-0208 OSBR (4 structure), Beauregard Parish, MGA Project B#83 –** Engineer Intern / Research, Survey, Hydraulics, Pile Design & Env
11/00-12/02	**700-58-0114 OSBR (6 structure), Vernon Parish, MGA Project B#80 –** Engineer Intern / Research, Survey, Hydraulics, Pile Design & Env

Firm employed by	**Morgan Goudeau and Associates, Inc.**			
Name	**David Jarrell**		*Years of relevant experience with this employer*	10
Title	Principal / Project Manager / P.E. / 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-48140 / Louisiana / 03/31/2026 PLS-5219 / Louisiana / 03/31/2026	
Year registered	2023 PE / 2019 PLS	*Discipline*	Professional Engineer / Professional Land Surveyor	
Contract role(s) / brief description of responsibilities			**Project Manager** | David will serve as the Project Manager for this project coordinating all field and office work in 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 ten (10) years of civil engineering and land surveying experience with the firm and with the OSBR Program on twenty-eight (28) projects. He is a registered PLS and PE, 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.**
10/23-ongoing	**H.015050.5 OSBR (1 structure), Plaquemine Parish, MGA B#291 –** Project Manager / Topo Survey, Hydraulics, Project Plans & Environmental
10/23-ongoing	**H.015017.5 OSBR (1 structure), St. Bernard Parish, MGA B#298 –** Project Manager / Topo Survey, Hydraulics, Project Plans & Environmental
09/23-ongoing	**H.015016.5 OSBR (1 structure), Jeff Davis Parish, MGA B#289 –** Project Manager / Topo Survey, Hydraulics, Project Plans & Environmental
08/23-ongoing	**H.015013.5 OSBR (2 structure), Tangipahoa Parish, MGA B#284 –** Project Manager / Topo Survey, Hydraulics, Project Plans & Environmental
08/23-ongoing	**H.015014.5 OSBR (1 structure), Tangipahoa Parish, MGA B#288 –** Project Manager / Topo Survey, Hydraulics, Project Plans & Environmental
06/23-ongoing	**H.014986.5 OSBR (2 structure), Richland Parish, MGA B#283 –** Project Manager / Topo Survey, Hydraulics, Project Plans & Environmental
06/23-ongoing	**H.015015.5 OSBR (1 structure), Lasalle Parish, MGA B#287 –** Project Manager / Topo Survey, Hydraulics, Project Plans & Environmental
03/21-03/24	**H.014220.5 OSBR (1 structure), Acadia Parish, MGA B#261 –** Project Manager / Topo Survey, Hydraulics, Project Plans & Environmental
03/21-03/25	**H.014226.5 OSBR (1 structure), St. Martin Parish, MGA B#265 –** Project Manager / Topo Survey, Hydraulics, Project Plans & Environmental
02/21-06/23	**H.014263.5 OSBR (1 structure), Tangipahoa Parish, MGA B#272 –** Project Manager / Topo Survey, Hydraulics, Project Plans & Environmental
02/22-05/23	**H.014262.5 OSBR (1 structure), Tangipahoa Parish, MGA B#266 –** Project Manager / Topo Survey, Hydraulics, Project Plans & Environmental
01/21-12/24	**H.014232.5 OSBR (1 structure), Ouachita Parish, MGA B#271 –** Project Manager / Topo Survey, Hydraulics, Project Plans & Environmental
01/21-01/25	**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

Firm employed by	**Morgan Goudeau and Associates, Inc.**			
Name	**Jacob Jarrell**		*Years of relevant experience with this employer*	14
Title	Principal / Surveyor / 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			EI-32284 / Louisiana / 03/31/2025 PLS-5211 / Louisiana / 09/30/2025	
Year registered	2014 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 property survey(s) and right of way (ROW) document(s).	

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 twelve (12) years of land surveying experience to the project, and specifically nine (9) years of experience with OSBR Program on over forty-one (41) projects serving as a surveying supervisor.**
10/23-ongoing	**H.015050.5 OSBR (1 structure), Plaquemine Parish, MGA B#291 –** Surveying Supervision / Field and Office (Topo Surveys and ROWs)
10/23-ongoing	**H.015017.5 OSBR (1 structure), St. Bernard Parish, MGA B#298 –** Surveying Supervision / Field and Office (Topo Surveys and ROWs)
09/23-ongoing	**H.015016.5 OSBR (1 structure), Jeff Davis Parish, MGA B#289 –** Surveying Supervision / Field and Office (Topo Surveys and ROWs)
08/23-ongoing	**H.015013.5 OSBR (2 structure), Tangipahoa Parish, MGA B#284 –** Surveying Supervision / Field and Office (Topo Surveys and ROWs)
08/23-ongoing	**H.015014.5 OSBR (1 structure), Tangipahoa Parish, MGA B#288 –** Surveying Supervision / Field and Office (Topo Surveys and ROWs)
06/23-ongoing	**H.014986.5 OSBR (2 structure), Richland Parish, MGA B#283 –** Surveying Supervision / Field and Office (Topo Surveys and ROWs)
06/23-ongoing	**H.015015.5 OSBR (1 structure), Lasalle Parish, MGA B#287 –** Surveying Supervision / Field and Office (Topo Surveys and ROWs)
03/21-03/24	**H.014220.5 OSBR (1 structure), Acadia Parish, MGA B#261 –** Surveying Supervision / Field and Office (Topo Surveys and ROWs)
03/21-03/25	**H.014226.5 OSBR (1 structure), St. Martin Parish, MGA B#265 –** Surveying Supervision / Field and Office (Topo Surveys and ROWs)
02/21-06/23	**H.014263.5 OSBR (1 structure), Tangipahoa Parish, MGA B#272 –** Surveying Supervision / Field and Office (Topo Surveys and ROWs)
02/22-05/23	**H.014262.5 OSBR (1 structure), Tangipahoa Parish, MGA B#266 –** Surveying Supervision / Field and Office (Topo Surveys and ROWs)
01/21-12/24	**H.014232.5 OSBR (1 structure), Ouachita Parish, MGA B#271 –** Surveying Supervision / Field and Office (Topo Surveys and ROWs)
01/21-01/25	**H.014229.5 OSBR (1 structure), Caddo Parish, MGA B#262 –** Surveying Supervision / Field and Office (Topo Surveys and ROWs)
12/18-08/22	**H.013458.5 OSBR (2 structure), Ascension Parish, MGA Project B#254 –** Surveying Supervision / Field and Office (Topo Surveys and ROWs)
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	**H.010032.5 OSBR (2 structure), Sabine Parish, MGA Project B#165-A –** Surveying Supervision / Field (Topo Surveys)

Firm employed by	**Morgan Goudeau and Associates, Inc.**				
Name	**Aaron Fontenot**			*Years of relevant experience with this employer*	4
Title	Engineer/P.E.			*Years of relevant experience with other employer(s)*	6
Degree(s) / Years / Specialization			Bachelor of Science / 2014 / Civil Engineering		
Active registration number / state / expiration date			PE-42708 / Louisiana / 09/30/2026		
Year registered	1987 PE	*Discipline*	Professional Engineer		
Contract role(s) / brief description of responsibilities			**Design Engineer** | Aaron will serve as a design engineer for 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).*
05/23-Present	**Aaron brings over eleven (11) years of overall civil engineering experience to the project, and specifically has worked on over (9) nine OSBR projects in the role of design engineer.**
10/23-ongoing	**H.015050.5 OSBR (1 structure), Plaquemine Parish, MGA B#291 –** Design Engineer (Hydraulics, Project plans & Environmental)
10/23-ongoing	**H.015017.5 OSBR (1 structure), St. Bernard Parish, MGA B#298 –** Design Engineer (Hydraulics, Project plans & Environmental)
09/23-ongoing	**H.015016.5 OSBR (1 structure), Jeff Davis Parish, MGA B#289 –** Design Engineer (Hydraulics, Project plans & Environmental)
08/23-ongoing	**H.015013.5 OSBR (2 structure), Tangipahoa Parish, MGA B#284 –** Design Engineer (Hydraulics, Project plans & Environmental)
08/23-ongoing	**H.015014.5 OSBR (1 structure), Tangipahoa Parish, MGA B#288 –** Design Engineer (Hydraulics, Project plans & Environmental)
06/23-ongoing	**H.014986.5 OSBR (2 structure), Richland Parish, MGA B#283 –** Design Engineer (Hydraulics, Project plans & Environmental)
06/23-ongoing	**H.015015.5 OSBR (1 structure), Lasalle Parish, MGA B#287 –** Design Engineer (Hydraulics, Project plans & Environmental)

Firm employed by	**Morgan Goudeau and Associates, Inc.**				
Name	**William Jarrell**			*Years of relevant experience with this employer*	43
Title	Principal / Engineer/P.E.			*Years of relevant experience with other employer(s)*	0
Degree(s) / Years / Specialization			Bachelor of Science / 1982 / Civil Engineering		
Active registration number / state / expiration date			PE-22819 / Louisiana / 03/31/2026		
Year registered	1987 PE	*Discipline*	Professional Engineer		
Contract role(s) / brief description of responsibilities			**Professional Engineer** | William will serve this project primarily in an administration capacity to ensure DOTD contractual obligations are followed, and in QA/QC reviews.		

Experience dates (mm/yy–mm/yy)	*Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time specified in the applicable MPR(s).*
05/82-Present	**William brings over forty-three (43) 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.**
10/23-ongoing	**H.015050.5 OSBR (1 structure), Plaquemine Parish, MGA B#291 –** Project Administration and QA/QC
10/23-ongoing	**H.015017.5 OSBR (1 structure), St. Bernard Parish, MGA B#298 –** Project Administration and QA/QC
09/23-ongoing	**H.015016.5 OSBR (1 structure), Jeff Davis Parish, MGA B#289 –** Project Administration and QA/QC
08/23-ongoing	**H.015013.5 OSBR (2 structure), Tangipahoa Parish, MGA B#284 –** Project Administration and QA/QC
08/23-ongoing	**H.015014.5 OSBR (1 structure), Tangipahoa Parish, MGA B#288 –** Project Administration and QA/QC
06/23-ongoing	**H.014986.5 OSBR (2 structure), Richland Parish, MGA B#283 –** Project Administration and QA/QC
06/23-ongoing	**H.015015.5 OSBR (1 structure), Lasalle Parish, MGA B#287 –** Project Administration and QA/QC
03/21-03/24	**H.014220.5 OSBR (1 structure), Acadia Parish, MGA B#261 –** Project Administration and QA/QC
03/21-03/25	**H.014226.5 OSBR (1 structure), St. Martin Parish, MGA B#265 –** Project Administration and QA/QC
02/21-06/24	**H.014263.5 OSBR (1 structure), Tangipahoa Parish, MGA B#272 –** Project Administration and QA/QC
02/22-05/23	**H.014262.5 OSBR (1 structure), Tangipahoa Parish, MGA B#266 –** Project Administration and QA/QC
01/21-12/24	**H.014232.5 OSBR (1 structure), Ouachita Parish, MGA B#271 –** Project Administration and QA/QC
01/21-01/25	**H.014229.5 OSBR (1 structure), Caddo Parish, MGA B#262 –** Project Administration and QA/QC
06/10-06/12	**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.
01/05-08/06	**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.

Firm employed by	**Morgan Goudeau and Associates, Inc.**				
Name	**Jared Meche**		*Years of relevant experience with this employer*	19	
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 sixteen (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 fifteen (15) OSBR projects. As shown below, Jared has been a critical member of the survey crew field operations on over sixty (60) OSBR projects.**
10/23-ongoing	**H.015050.5 OSBR (1 structure), Plaquemine Parish, MGA B#291 –** Party Chief / Field Survey Crew
10/23-ongoing	**H.015017.5 OSBR (1 structure), St. Bernard Parish, MGA B#298 –** Party Chief / Field Survey Crew
09/23-ongoing	**H.015016.5 OSBR (1 structure), Jeff Davis Parish, MGA B#289 –** Party Chief / Field Survey Crew
08/23-ongoing	**H.015013.5 OSBR (2 structure), Tangipahoa Parish, MGA B#284 –** Party Chief / Field Survey Crew
08/23-ongoing	**H.015014.5 OSBR (1 structure), Tangipahoa Parish, MGA B#288 –** Party Chief / Field Survey Crew
06/23-ongoing	**H.014986.5 OSBR (2 structure), Richland Parish, MGA B#283 –** Party Chief / Field Survey Crew
06/23-ongoing	**H.015015.5 OSBR (1 structure), Lasalle Parish, MGA B#287 –** Party Chief / Field Survey Crew
03/21-03/24	**H.014220.5 OSBR (1 structure), Acadia Parish, MGA B#261 –** Party Chief / Field Survey Crew
03/21-03/25	**H.014226.5 OSBR (1 structure), St. Martin Parish, MGA B#265 –** Party Chief / Field Survey Crew
02/21-06/23	**H.014263.5 OSBR (1 structure), Tangipahoa Parish, MGA B#272 –** Party Chief / Field Survey Crew
02/22-05/23	**H.014262.5 OSBR (1 structure), Tangipahoa Parish, MGA B#266 –** Party Chief / Field Survey Crew
01/21-12/24	**H.014232.5 OSBR (1 structure), Ouachita Parish, MGA B#271 –** Party Chief / Field Survey Crew
01/21-01/25	**H.014229.5 OSBR (1 structure), Caddo Parish, MGA B#262 –** Party Chief / Field Survey Crew
12/18-08/22	**H.013458.5 OSBR (2 structure), Ascension Parish, MGA B#254 –** Instrument Man / Field Survey Crew
09/15-02/19	**H.011544.5 OSBR (3 structure), St. Landry Parish, MGA B#219 –** Instrument Man / Field Survey Crew
10/15-01/17	**H.011676.5 OSBR (1 structure), Lasalle Parish, MGA B#216 –** Instrument Man / Field Survey Crew
09/15-10/17	**H.011539.5 OSBR (1 structure), Webster Parish, MGA B#215 –** Instrument Man / Field Survey Crew
06/15-02/18	**H.011531.5 OSBR (2 structure), Rapides Parish, MGA B#209 –** Instrument Man / Field Survey Crew
06/15-04/18	**H.011525.5 OSBR (1 structure), Sabine Parish, MGA B#207 –** Instrument Man / Field Survey Crew

05/14-12/16	**H.010941.5 OSBR (1 structure), Catahoula, MGA B#202 –** Instrument Man / Field Survey Crew
11/13-05/16	**H.010561.5 OSBR (3 structure), Bienville Parish, MGA B#193 –** Instrument Man / Field Survey Crew
10/13-12/14	**H.010827.5 OSBR (1 structure), Ouachita Parish, MGA B#189 –** Instrument Man / Field Survey Crew
10/13-06/15	**H.010659.5 OSBR (2 structure), East Baton Rouge Parish, MGA B#185 –** Instrument Man / Field Survey Crew
06/13-11/15	**H.010592.5 OSBR (3 structure), Grant Parish, MGA B#177 –** Instrument Man / Field Survey Crew
03/13-04/18	**H.010038.5 OSBR (1 structure), Madison Parish, MGA B#173 –** Instrument Man / Field Survey Crew
02/13-01/15	**H.010067.5 OSBR (2 structure), Claiborne Parish, MGA B#170 –** Instrument Man / Field Survey Crew
02/13-07/15	**H.010033.5 OSBR (2 structure), Sabine Parish, MGA B#165-B –** Instrument Man / Field Survey Crew
02/13-07/15	**H.010032.5 OSBR (2 structure), Sabine Parish, MGA B#165-A –** Instrument Man / Field Survey Crew
01/13-12/14	**H.009979.5 OSBR (1 structure), Caldwell Parish, MGA B#161 –** Instrument Man / Field Survey Crew
04/11-02/13	**H.006043.5 OSBR (1 structure), Bossier Parish, MGA B#148 –** Instrument Man / Field Survey Crew
04/11-02/13	**H.005128.5 OSBR (2 structure), West Carroll Parish, MGA B#146 –** Instrument Man / Field Survey Crew
03/11-02/13	**700-25-0113/H.004315.5 OSBR (2 structure), Jackson Parish, MGA B#145 –** Instrument Man / Field Survey Crew
12/10-02/13	**700-43-0112 OSBR (1 structure), Sabine Parish, MGA B#146 –** Instrument Man / Field Survey Crew
06/02-01/11	**700-22-0122 OSBR (1 structure), Grant Parish, MGA B#146 –** Rodman / Field Survey Crew
02/07-08/11	**700-21-0112 OSBR (3 structure), Franklin Parish, MGA B#146 –** Rodman / Field Survey Crew
08/06-06/10	**700-16-0118 OSBR (3 structure), Desoto Parish, MGA B#146 –** Rodman / Field Survey Crew
07/06-06/10	**700-43-0109 OSBR (2 structure), Sabine Parish, MGA B#146 –** Rodman / Field Survey Crew
06/06-01/11	**700-35-0136 OSBR (2 structure), Natchitoches Parish, MGA B#146 –** Rodman / Field Survey Crew

Firm employed by:	**PROVIDENCE ENGINEERING AND ENVIRONMENTAL GROUP LLC**				
Name	**CHAD TURNER**		*Years of relevant experience with this employer*	3	
Title	Deputy Director Natural Resource & Coastal Services		*Years of relevant experience with other employer(s)*	12	
Degree(s) / Years / Specialization			BS/2008/Biological Sciences		
Active registration number / state / expiration date			Richard Chinn 38-Hour Wetland Delineation Training, N/A, #5680		
Year registered	2009	*Discipline*	Wetlands		
Contract role(s) / brief description of responsibilities			**ENVIRONMENTAL 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 years of experience specified in the applicable MPR(s).*
(05/09-06/13)	**Environmental Impact Specialist:** ***Louisiana Department of Transportation and Development, Environmental Section.*** Mr. Turner was responsible for NEPA compliance for federal and state transportation projects. His duties included: wetland delineations and reporting; threatened and endangered species surveys and reporting; preparation of in-house Categorical Exclusions and Environmental Assessments; and oversight of third-party NEPA documents and other environmental studies. During his time, Mr. Turner conducted over 100 wetland delineations for a variety of transportation projects, including on- and off-system bridge replacements, road realignments and widenings, and new road construction.
(01/14-09/14)	**Wetland Biologist:** ***Huval & Associates, Inc, East Baton Rouge Parish Multiple Bridge Replacements.*** On behalf of the City of Baton Rouge/Parish of East Baton Rouge Department of Public Works, conducted wetland delineation and completed Wetland Findings Reports for the Morvant Road (1 and 2), Milldale Road, and Port Hudson Pride Road bridges in East Baton Rouge Parish. For each location, prepared and submitted a Pre-Construction Notification to the USACE, New Orleans District for authorization under Nationwide Permit 12.
(06/15-09/15)	**Project Manager:** ***City of Baton Rouge Parish of East Baton Rouge, Pecue Lane/I-10 Interchange SPN. H.004104*** Provided wetland delineation and reporting for construction of an interchange at I-10 and Pecue Lane adding multiple through lanes on Pecue Lane, entrance/exit ramps on eastbound and westbound I-10. Replacement of two-lane Overpass Bridge and Pecue Lane / Wards Creek bridge, extension to Reiger Road with new intersection at Pecue Lane, and related work. Responsibilities included field investigations, preparation of environmental document, map creation in GIS, and GIS environmental impact analysis.
(02/20-09/23)	**Project Manager:** ***City of Baton Rouge Parish of East Baton Rouge, MoveBR Capacity Project.*** Mr. Turner served as project manager for four MOVEBR transportation projects in East Baton Rouge Parish: Old Hammond Highway Segment 1, Phases A and B (City-Parish Project No. 19-CP-HC-0034); Bluebonnet Boulevard (Perkins Road to Picardy Boulevard) (City-Parish Project No. 19-CP-HC-0034); Highland Road at Siegen Lane Intersection (City-Parish Project No. 20-CP-HC-0004); Sherwood Forest Extension (Greenwell Springs Road to Joor Road) (City-Parish Project No. 20-CP-HC-0014). Service provided included wetland delineations, preparation of Wetland Data Reports/Requests for Jurisdictional Determination, and submittal of Pre-Construction Notifications to the USACE for authorization under Nationwide Permit 12.
(04/24-10/24)	**Project Manager:** ***Morgan Goudeau & Associates, Inc., Eight Off-System Bridge Replacements across Six Projects (H.014986, H.015013, H.015014, H.015015, H.015016, H.015050).*** Services provided included wetland delineations and Wetland Findings Reports.
(05/24-12/24)	**Wetland Project Manager:** ***Atlas Technical Consultants LLC, MRB South GBR: LA 1 to LA 30 Connector SPN H.013284*** Providence provided NEPA, wetlands, Phase I ESA, and public outreach compliance assistance for the proposed new bridge crossing of the Mississippi River in Iberville Parish, LA. Served as the Wetland Project Manager for the 1,716-acre delineation across 3 proposed alignments. Responsibilities included management of 5 teams of biologists, coordination with Atlas/DOTD for survey access/landowner permissions, primary Technical Review of Wetland Findings Report, and coordination of a site visit with members of Atlas, DOTD, and the USACE.

CHAD TURNER *has over 14 of natural resource permitting and compliance experience for clients in industrial, commercial, residential, and public sectors. His areas of focus include wetland delineations, analysis, and reporting on 30,000+ acres; U.S. Army Corp of Engineers (USACE) Section 10/404 permitting and compliance assistance (Galveston, Mobile, New Orleans, and Vicksburg Districts); Louisiana Department of Energy and Natural Resources (LDENR), Office of Coastal Management Coastal Use Permitting; NEPA Compliance; Louisiana Department of Wildlife and Fisheries (LDWF) Scenic Rivers System Permitting and Oyster Resource Assessments; U.S. Fish and Wildlife Service (USFWS) Section 7 consultations, State Historic Preservation Office (SHPO) Section 106 consultations; threatened and endangered species surveys and reporting; and USACE wetland mitigation bank assessment, reporting, and monitoring. Mr. Turner also specializes in desktop mapping applications, specifically ArcGIS. His GIS experience includes: field data collection with GPS units using Trimble, SonarWiz, and ArcPad systems; data dictionary creation and implementation; field data post-processing and assimilation; basic desktop mapping; desktop analysis of available reference and field-collected data for various client-requested applications; figure creation for use in regulatory permit applications, public meetings and hearings, resource agency meetings, and site visits; and creation of ArcGIS Online web and mobile applications.*

Firm employed by:	**PROVIDENCE ENGINEERING AND ENVIRONMENTAL GROUP LLC**				
Name	**CHRISTOPHER COYNE**			*Years of relevant experience with this employer*	4
Title	Biologist III			*Years of relevant experience with other employer(s)*	2
Degree(s) / Years / Specialization			BS/2020/Natural Resource Ecology and Management		
Active registration number / state / expiration date			Richard Chinn 38-Hour Wetland Delineation Training, N/A, #8969		
Year registered	2021	Discipline	Wetlands		
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 years of experience specified in the applicable MPR(s).*
(08/21-10/21)	**Field Biologist:** ***Morgan Goudeau & Associates, Inc., Off-System Highway Bridge Program Crawford Road / Tiger Branch, SPN H.014229.5, Caddo Parish, LA.*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the Crawford Road Bridge over Tiger Branch in Caddo Parish.
(08/21-9/21)	**Field Biologist:** ***Morgan Goudeau & Associates, Inc., Off-System Highway Bridge Program Nation Road/ Coulee Duralde, SPN. H.014220.5, Acadia Parish, LA.*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the Nation Road Bridge over Coulee Duralde in Acadia Parish.
(08/21-12-21)	**Field Biologist:** ***Morgan Goudeau & Associates, Inc., Off-System Highway Bridge Program Ruffin Drive Over Drain to Youngs Bayou, SPN. H.014232.5, Ouachita Parish, LA.*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the Ruffin Drive Bridge over a drain to Youngs Bayou in Ouachita Parish.
(08/21-12-21)	**Field Biologist:** ***Morgan Goudeau & Associates, Inc., Off-System Highway Bridge Program Auguillard Road Over Coulee, SPN. H.014226.5, St. Martin Parish, LA.*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the St. Martin Auguillard Road Bridge over an unnamed coulee in St. Martin Parish.
(03/22-03/22)	**Field Biologist:** ***Morgan Goudeau & Associates, Inc., Off-System Highway Bridge Program Doshie Road Over Cherry Winche Creek Tributary, SPN. H.014263.5, Tangipahoa Parish, LA.*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the North Hoover Road Bridge over an unnamed creek in Tangipahoa Parish.
(09/21-12/21)	**Field Biologist:** ***Morgan Goudeau & Associates, Inc., Off-System Highway Bridge Program Randall Road Over Yellow Water River SPN. H.014262.5, Tangipahoa Parish, LA.*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the Randall Road Bridge over Yellow Water River in Tangipahoa Parish.
(02/24-05/24)	**Field Biologist:** ***Morgan Goudeau & Associates, Inc., Off-System Highway Bridge Program Hales Road Bridges SPN. H.014986.5, Richland Parish, LA.*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the Hales Road Bridges over Hurricane Creek and an unnamed creek in Richland Parish.
(04/24-05/24)	**Field Biologist:** ***Morgan Goudeau & Associates, Inc., Off-System Highway Bridge Program North Joseph St Over Creek SPN. H.015016.5 Jefferson Davis Parish, LA.*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the North Joseph Street Bridge an unnamed creek in Jefferson Davis Parish.
(04/24-04/24)	**Field Biologist:** ***Morgan Goudeau & Associates, Inc., Off-System Highway Bridge Program Stateline Rd Over Creek SPN. H.015014.5 Tangipahoa Parish, LA.*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the Tangipahoa Stateline Road Bridge an unnamed creek in Tangipahoa Parish.

(07/24-08/24)	**Field Biologist:** ***Morgan Goudeau & Associates, Inc., Off-System Highway Bridge Program Gravolet Road Over Drainage Canal SPN. H.015050.5, Plaquemines Parish, LA.*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the Gravolet Road Bridge over an unnamed drainage canal in Plaquemines Parish.
(07/24-08/24)	**Field Biologist:** ***Morgan Goudeau & Associates, Inc., Off-System Highway Bridge Program Sibley Rd and Chappepeela Rd Bridges SPN. H.015013.5 Tangipahoa Parish, LA.*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the Sibley Road Bridge over Morgan Branch and the Chappepeela Road Bridge over Brushy Branch in Tangipahoa Parish.
(07/24-10/24)	**Field Biologist:** ***Morgan Goudeau & Associates, Inc., Off-System Highway Bridge Program Zeagler Cutoff Over Creek SPN H.015015.5 LaSalle Parish, LA.*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the Zeagler Cutoff Bridge over an unnamed creek in LaSalle Parish.
(08/24-present)	**Field Biologist:** ***Aucoin & Associates, Inc., Replacement Bridge LA 648: Drain Canal Bridge SPN. H.011963*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the LA 648 bridge over an unnamed drainage canal in Lafourche Parish. Additionally, prepared and submitted a Joint Permit Application to the Louisiana Department of Energy and Natural Resources and the U.S. Army Corps of Engineers.
(05/24-12/24)	**Field Biologist:** ***Atlas Technical Consultants LLC, MRB South GBR: LA 1 to LA 30 Connector SPN H.013284*** Providence provided NEPA, wetlands, Phase I ESA, and public outreach compliance assistance for the proposed new bridge crossing of the Mississippi River in Iberville Parish, LA. Role in the project included conducting wetland delineations on 3 alignment alternatives covering approximately 1,716 acres, subsequent wetland data reporting, and assisting with Phase I Environmental Site Assessment field surveys.
CHRIS COYNE *has worked as a Biologist with Providence since May 2021. Prior to joining Providence, Mr. Coyne worked as a Biotechnician for the USFWS where he was responsible for Red-cockaded Woodpecker banding/monitoring, rocket-netting and banding of Wood Ducks, mobile acoustical bat monitoring, Gulf Sturgeon sampling, Dusky Gopher Frog monitoring, feral swine control, and wetlands restoration. Mr. Coyne earned a bachelor's degree in Natural Resource Ecology and Management with concentrations in Wildlife Ecology and Management and Fisheries from the School of Renewable Natural Resources at Louisiana State University in May 2020. Mr. Coyne's education and professional experience have exposed him to wetland ecology and management, ecosystem restoration, coastal management and restoration, plant identification, invasive species control, and wildlife biology.*	

Firm employed by:	**PROVIDENCE ENGINEERING AND ENVIRONMENTAL GROUP LLC**				
Name	**KENNETH "MAC" MCKENZIE**			*Years of relevant experience with this employer*	3
Title	Biologist I			*Years of relevant experience with other employer(s)*	3
Degree(s) / Years / Specialization			BS/2019/ Coastal Environmental Science		
Active registration number / state / expiration date			Richard Chinn 38-Hour Wetland Delineation Training, N/A, #9185		
Year registered	2022	Discipline	Wetlands		
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 years of experience in the applicable MPR(s).*
(08/21-10/21)	**Field Biologist:** ***Morgan Goudeau & Associates, Inc., Off-System Highway Bridge Program Crawford Road / Tiger Branch, SPN H.014229.5, Caddo Parish, LA.*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the Crawford Road Bridge over Tiger Branch in Caddo Parish.
(08/21-9/21)	**Field Biologist:** ***Morgan Goudeau & Associates, Inc., Off-System Highway Bridge Program Nation Road/ Coulee Duralde, SPN. H.014220.5, Acadia Parish, LA.*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the Nation Road Bridge over Coulee Duralde in Acadia Parish.
(08/21-12-21)	**Field Biologist:** ***Morgan Goudeau & Associates, Inc., Off-System Highway Bridge Program Ruffin Drive Over Drain to Youngs Bayou, SPN. H.014232.5, Ouachita Parish, LA.*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the Ruffin Drive Bridge over a drain to Youngs Bayou in Ouachita Parish.
(08/21-12-21)	**Field Biologist:** ***Morgan Goudeau & Associates, Inc., Off-System Highway Bridge Program Auguillard Road Over Coulee, SPN. H.014226.5, St. Martin Parish, LA.*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the St. Martin Auguillard Road Bridge over an unnamed coulee in St. Martin Parish.
(03/22-03/22)	**Field Biologist:** ***Morgan Goudeau & Associates, Inc., Off-System Highway Bridge Program Doshie Road Over Cherry Winche Creek Tributary, SPN. H.014263.5, Tangipahoa Parish, LA.*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the North Hoover Road Bridge over an unnamed creek in Tangipahoa Parish.
(09/21-12/21)	**Field Biologist:** ***Morgan Goudeau & Associates, Inc., Off-System Highway Bridge Program Randall Road Over Yellow Water River SPN. H.014262.5, Tangipahoa Parish, LA.*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the Randall Road Bridge over Yellow Water River in Tangipahoa Parish.
(02/24-05/24)	**Field Biologist:** ***Morgan Goudeau & Associates, Inc., Off-System Highway Bridge Program Hales Road Bridges SPN. H.014986.5, Richland Parish, LA.*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the Hales Road Bridges over Hurricane Creek and an unnamed creek in Richland Parish.
(04/24-05/24)	**Field Biologist:** ***Morgan Goudeau & Associates, Inc., Off-System Highway Bridge Program North Joseph St Over Creek SPN. H.015016.5 Jefferson Davis Parish, LA.*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the North Joseph Street Bridge an unnamed creek in Jefferson Davis Parish.
(04/24-04/24)	**Field Biologist:** ***Morgan Goudeau & Associates, Inc., Off-System Highway Bridge Program Stateline Rd Over Creek SPN. H.015014.5 Tangipahoa Parish, LA.*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the Tangipahoa Stateline Road Bridge an unnamed creek in Tangipahoa Parish.

(07/24-08/24)	**Field Biologist:** ***Morgan Goudeau & Associates, Inc., Off-System Highway Bridge Program Gravolet Road Over Drainage Canal SPN. H.015050.5, Plaquemines Parish, LA.*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the Gravolet Road Bridge over an unnamed drainage canal in Plaquemines Parish.
(07/24-08/24)	**Field Biologist:** ***Morgan Goudeau & Associates, Inc., Off-System Highway Bridge Program Sibley Rd and Chappepeela Rd Bridges SPN. H.015013.5 Tangipahoa Parish, LA.*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the Sibley Road Bridge over Morgan Branch and the Chappepeela Road Bridge over Brushy Branch in Tangipahoa Parish.
(07/24-10/24)	**Field Biologist:** ***Morgan Goudeau & Associates, Inc., Off-System Highway Bridge Program Zeagler Cutoff Over Creek SPN H.015015.5 LaSalle Parish, LA.*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the Zeagler Cutoff Bridge over an unnamed creek in LaSalle Parish.
(08/24-present)	**Field Biologist:** ***Aucoin & Associates, Inc., Replacement Bridge LA 648: Drain Canal Bridge SPN. H.011963*** Conducted a wetland delineation and completed a Wetland Findings report for the replacement of the LA 648 bridge over an unnamed drainage canal in Lafourche Parish. Additionally, prepared and submitted a Joint Permit Application to the Louisiana Department of Energy and Natural Resources and the U.S. Army Corps of Engineers.
(05/24-12/24)	**Field Biologist:** ***Atlas Technical Consultants LLC, MRB South GBR: LA 1 to LA 30 Connector SPN H.013284*** Providence provided NEPA, wetlands, Phase I ESA, and public outreach compliance assistance for the proposed new bridge crossing of the Mississippi River in Iberville Parish, LA. Role in the project included conducting wetland delineations on 3 alignment alternatives covering approximately 1,716 acres, subsequent wetland data reporting, and assisting with Phase I Environmental Site Assessment field surveys.
MAC MCKENZIE *has natural resource permitting and compliance experience for clients in industrial, commercial, residential, and public sectors. His areas of work include wetland delineation, analysis, and reporting; U.S. Army Corp of Engineers (USACE) Section 10/404 permitting and compliance assistance (Galveston, Fort Wort, Memphis, Mobile, New Orleans, and Vicksburg Districts); LDENR, Office of Coastal Management Coastal Use Permitting; Louisiana Department of Wildlife and Fisheries (LDWF) Scenic Rivers System Permitting; U.S. Fish and Wildlife Service (USFWS) consultation, State Historic Preservation Office (SHPO) consultation; mitigation bank consulting, and threatened/endangered species and vegetation surveys and reporting.*	

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.**		*Discipline(s)**	**Bridge, Environmental, Survey**	
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, and Jared Meche**

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

Firm name	**Morgan Goudeau & Associates, Inc.**		*Discipline(s)**	**Bridge, Environmental, Survey**	
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*	**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, and Jared Meche**

Firm name	**Morgan Goudeau & Associates, Inc.**		*Discipline(s)**	**Bridge, Environmental, Survey**	
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*	**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, and Jared Meche**

Firm name	**Morgan Goudeau & Associates, Inc.**		*Discipline(s)**	**Bridge, Environmental, Survey**	
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, and Jared Meche**

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

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

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

Firm name	Providence Engineering and Environmental Group LLC		*Discipline(s)**	**Environmental**	
Project name	**Off-System Highway Bridge Program, Hales Road Bridges**		Firm responsibility (prime or sub?)	SUB	
Project number	State Project No. H.014986.5, F.A.P. No. H014986	*Owner's name*	Morgan Goudeau & Associates, Inc.		
Project location	Richland Parish, Louisiana		*Owner's Project Manager*	Kenneth Boagni, III, PE, PLS	
Owner's address, phone, email	1703 West Landry Street, Opelousas, LA (337) 948-4222, kboagni@bellsouth.com				
Services commenced by this firm (mm/yy)		2/24	*Total consultant contract cost ($1,000's)*		N/A
Services completed by this firm (mm/yy)		5/24	*Cost of consultant services provided by this firm ($1,000's)*		$8

The Louisiana Department of Transportation and Development requested a Wetland Findings Report for two existing bridges in Richland Parish, Louisiana as part of a larger off-system bridge replacement project. As a subconsultant to Morgan and Goudeau & Associates, Inc., **Providence conducted a wetland delineation and provided a Wetland Findings Report** for the bridge replacement project. Providence biologists documented existence of potential jurisdictional wetlands and non-wetland waters at the sites 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 [USACE], Wetland Regulatory Assistance Program 2010). After the wetland delineations, Providence prepared a Wetland Findings Report which included discussions of existing wetlands, vegetation communities, and soils based on published soil surveys and soil sampling. The report showed evidence of all three diagnostic characteristics for jurisdictional wetlands at three of the seven sample locations established by Providence. Evidence of poor drainage found in association with hydric soils and predominantly hydrophytic vegetation was considered sufficient to confirm the presence of potential jurisdictional wetlands. Data sheets, photographs, and wetland mapping were included in the Wetland Findings Report.

Providence staff completed a similar scope of work for Morgan and Goudeau Associates, Inc., for other bridge replacements included in the Off-System Bridge Replacements program, including bridges in Ascension (H.013458), Caddo (H.014229), Acadia (H.014220), Lasalle (H.015015), Ouachita (H.014232), St. Martin (H.014226), and Tangipahoa (H.014262, H.014263) Parishes. Providence possesses a strong understanding of desired deliverables, timelines, and tasks for any proposed off system bridge replacement projects.

RELEVANT TEAM MEMBERS: Chad Turner, Kenneth McKenzie

Firm name	Providence Engineering and Environmental Group LLC		*Discipline(s)**	**Environmental**	
Project name	**MRB South GBR: LA 1 to LA 30 Connector Route: New Route**		Firm responsibility (prime or sub?)	SUB	
Project number	Supplemental Agreement No. 6, State Project No. H.013284 F.A.P. No. H013284	*Owner's name*	Atlas Technical Consultants, LLC		
Project location	Ascension, East Baton Rouge, Iberville and West Baton Rouge Parishes, Louisiana		*Owner's Project Manager*	Kara Moree	
Owner's address, phone, email	8440 Jefferson Highway, Suite 400, Baton Rouge, LA 70809, (225) 369-6587, kara.moree@oneatlas.com				
Services commenced by this firm (mm/yy)	1/23	*Total consultant contract cost ($1,000's)*		N/A	
Services completed by this firm (mm/yy)	6/25	*Cost of consultant services provided by this firm ($1,000's)*		$25	

A supplemental agreement was issued by **DOTD** to Atlas to obtain environmental approvals based on the findings of the complete Enhanced Planning investigation for the proposed new Mississippi River bridge construction. Atlas contracted Providence to assist with this overall project management, environmental documentation support, and related environmental services. Providence's specific scope of work including ensuring overall NEPA compliance, conducting **wetland delineations**, and conducting a Phase I Environmental Site Assessment. Providence will also continue to provide agency, stakeholder, and public outreach support during all pre-NEPA phases of the project. Providence anticipates providing more environmental services as the project progresses and potentially during construction.

The **wetland delineation** encompassed approximately 1,716 acres of forests, agricultural fields/pastures, residential properties, pipeline/utility rights-of-way, highway/railroad rights-of-way, industrial facilities, and Mississippi River levee and batture. Multiple teams of Providence biologists conducted surveys from July to August 2024, collecting field data, habitat descriptions, and other pertinent information 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** (USACE, Wetland Regulatory Assistance Program 2010). The resulting Wetland Findings Report documented 364 acres of Section 404 wetlands and 26.78 acres of Section 10/404 wetlands, including bottomland hardwoods, baldcypress/water tupelo swamps, and baldcypress swamps. Additionally, Providence conducted habitat evaluations according to the USACE Louisiana Rapid Assessment Method (LRAM) Habitat Condition factor. Each wetland was classified on the three condition levels by habitat (low, medium, and high) and documented in the Wetland Findings Report.

RELEVANT TEAM MEMBERS: Chad Turner, Christopher Coyne, Kenneth McKenzie

Firm name	Providence Engineering and Environmental Group LLC		*Discipline(s)**	**Environmental**	
Project name	**Contract for Replacement of Eight (8) Bridges: H.011963 - LA 648: Drain Canal Bridge**		Firm responsibility (prime or sub?)	SUB	
Project number	State Project No. H.011963 F.A.P. No. H011963	*Owner's name*	Aucoin & Associates, Inc.		
Project location	Lafourche, Louisiana		*Owner's Project Manager*	David Hildago	
Owner's address, phone, email	710 W. Prien Lake Road, Lake Charles, LA 70601, (337) 457-7366, d.hidalgo@aucoinandassoc.com				
Services commenced by this firm (mm/yy)	7/23		*Total consultant contract cost ($1,000's)*	N/A	
Services completed by this firm (mm/yy)	9/23		*Cost of consultant services provided by this firm ($1,000's)*	$13	

The Louisiana Department of Transportation and Development requested a Wetland Findings Report for two existing bridges in Lafourche Parish, Louisiana as part of a larger off-system bridge replacement project. As a subconsultant to Aucoin & Associates, **Providence conducted a wetland delineation and provided a Wetland Findings Report** for the bridge replacement project. Providence biologists documented existence of potential jurisdictional wetlands and non-wetland waters at the sites 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** (USACE, Wetland Regulatory Assistance Program 2010). After the wetland delineations, Providence prepared a Wetland Findings Report which included discussions of existing wetlands, vegetation communities, and soils based on published soil surveys and soil sampling. The report indicated that evidence of all three diagnostic characteristics for jurisdictional wetlands was not found at any sample location, and the presence of two diagnostic characteristics was not sufficient to confirm the presence of potential jurisdictional wetlands. Data sheets, photographs, and wetland mapping were also included in the Wetland Findings Reports. Providence also prepared and submitted a USACE/Louisiana Department of Energy and Natural Resources (LDENR) Joint Permit Application, as well as coordinated necessary Solicitation of Views (SOV) and clearance documentation for this project.

Providence staff completed a similar scope of work for Aucoin and Associates, Inc. on other bridge replacements including bridges in Calcasieu (SPN 700-10-0164), St. Mary (SPN 700-51-0111), St. Helena (SPN P46-30419-90470-1), and Tangipahoa (H.014262, H.014263) Parishes. As reflected in both the On- and Off-System bridge projects included, Providence possesses a strong understanding of desired deliverables, timelines, and tasks for projects of this structure, size, and desired outcomes. Successfully adhering to both DOTD and the Prime Contractors' standards was an area of success for these projects.

RELEVANT TEAM MEMBERS: Chad Turner, Christopher Coyne, Kenneth McKenzie

18. Approach and Methodology:

I. Introduction - Morgan Goudeau and Associates Resources

The firm of Morgan Goudeau and Associates, Inc. (MGA) offers over **37** 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 **130** 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 **36** Parishes **(**Acadia, Allen, Ascension, Avoyelles, Beauregard, Bienville, Caddo, Calcasieu, Caldwell, Cameron, Catahoula, Claiborne, DeSoto, East Baton Rouge, Evangeline, Franklin, Grant, Jackson, Jeff Davis, Lafourche, LaSalle, Madison, Natchitoches, Ouachita, Plaquemines, Rapides, Richland, St. Bernard, St. Landry, St. Martin, Sabine, Tangipahoa, Tensas, Vernon, Webster and 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 DOTD OSBR Program Guidelines Manual and the DOTD Location and Survey Manual, including Addendum "A". The MGA team for this project will be headed by Kenneth Boagni, III, PE, PLS, as the principal and supervisor engineer, and supported with David Jarrell, PLS, PE, as the project manager, Aaron Fontenot, PE, as a design engineer, 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 Chad Turner, 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). Following the negotiated contract phase, 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 project site 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), Property Surveys (Stage 3, Part Ic), Base ROW Maps (Stage 3, Part Ic), Title Take-Offs (Stage 3, Part If) 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 **East Baton Rouge 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 existing bridge on **Angus Avenue over Drainage Canal** is a 3-span (57' length, 32' width, 24' wide clear roadway) pre-cast concrete slab bridge on pre-cast concrete pile caps with timber piles with a 10/15 ton posted weight limit. Angus Avenue is an existing 20' wide asphalt roadway with roadside ditches, apparent 60' right-of-way, and posted speed limit of 25mph. This structure will likely need to be replaced with a concrete slab 3-span bridge (60' in length) at a 75 degree crossing with the canal, with a minimum 24' clear roadway and 10' approach slabs. The horizontal alignment of the existing roadway at the bridge does place the structure in a curve, and it will be determined during design, if any of the bridge or approach slab components will need special design details outside of DOTD standard plans and details. Given the proximity of two (2) existing concrete driveways on the SE and SW

sides of the bridge, a tapered barrier rail will be required at these locations, in lieu of a standard guard rail. It appears that no detour bridge will be required to replace this structure, as Angus Avenue can be closed, and an appropriate detour route can be established. Provided a bridge is selected at this location, vibration monitoring will be required as there are three (3) residences located within the 200' preferred limit for pile driving. Angus Drive has roadside ditches, however within the project limits the ditches have drainage pipe, so it is anticipated that four (4) side drains will be required on the NE, NW, SE and SW sides of the bridge. With respect to utilities, there is overhead electric running parallel to the roadway on the north and sides of the bridge, gravity sewer collection on the south side, and evidence of telecommunications and gas distribution on either side. It is likely that several of these existing utilities will require relocation. There are two (2) trees present on the north side, within the construction limits at the bridge, which will need to be removed, and the drainage lateral will require some excavation at each end of the proposed structure. Adjacent to the bridge, the NW and SW property owners due have some chain link fencing, which may need to be removed and replaced. In examining the FIRM panel, the bridge is located in Zone AE, which is designated as a 100 year Flood Hazard Area with base flood elevation of 90.00', and coordination with Floodplain Administrator will be required.

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, property surveys, right of way maps, title take-offs, 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 and DOTD Location and Survey 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 that 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. R/W Services – Property Surveys (Stage 3, Part Ic), Base R/W Maps (Stage 3, Part Ie) and Title Take-Offs (Stage 3, Part If)

Following PIH development and if property surveys and R/W maps were identified in the initial services as necessary based on anticipated additional right of way, MGA will begin the Title Take-Offs on the individual parcels involved in the project area. Once information is gathered on the parcels, the field Property Surveys will be completed based on the same control as the Topographic Survey, and the survey plat will depict all property lines and roadway right-of-way in relation to the project centerline. All info from the Title Take-Off and Property Survey phases will be submitted to the PM and DOTD Location and Survey Administrator. A Base R/W Map will then be prepared in accordance with the DOTD Location and Survey Manual Addendum A and submitted to DOTD for review. In the event that no additional right-of-way is required when initially anticipated in the project, Property Surveys and Base R/W Maps will still be provided. The Final R/W maps will be provided during the Final Plans phase of the project.

E. 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, Property Surveys and Base Right of Way Maps 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).

F. 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 RRPIH 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.

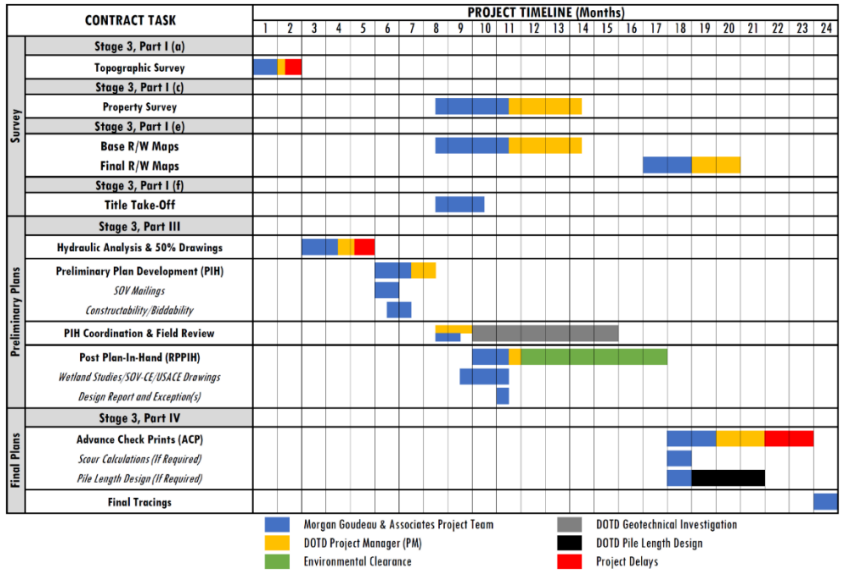
c. **Design Report and Exception(s)**

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.

G. 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 RPPIH 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. If required, Final R/W Maps will be submitted at this time as well. 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) **ALL FIRMS** MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid Balance**
MGA Morgan Goudeau & Associates CIVIL ENGINEERS - LAND SURVEYORS	Bridge	4400025053 / H.015017.5	Patricia Street Bridge Over Chalmette Vista Canal	$16,825
	Choose an item.			
PROVIDENCE	CE&I/OV	4400031754/ H.000464.6A	US 190 at LA 1026 Roundabout and Widening Routes (CE&I) LA 1026 and US 190, Livingston Parish	$1,115,355
	Survey	4400023718/H.004791	Entity Contract for Valhi Blvd. Multi-Use Trail, Phase 1	$2,820
	Environmental	N/A/H. 004791	Belle Chasse Bridge and Tunnel Replacement Public-Private Partnership	$201,529
	Environmental	4400017438/H.013284	Supplemental Agreement No. 6 MRB South GBR: LA 1 to LA 30 Connector New Route: Ascension, East and West Baton Rouge and Iberville Parishes	$181,168
	CE&I/OV	4400029877/H.013429.6, H013429	Entity: Downtown Thibodaux Sidewalks (CE&I) Lafourche Parish	$36,170

(Add rows as needed) DO NOT SUM

*** The only disciplines to be used are: Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic.** If a firm has more than one discipline for any single project, the firm can use multiple rows to express the remaining unpaid balance per 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.
NOTE: **ALL** FIRMS MUST BE REPRESENTED IN THIS TABLE. 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**.

Prime Consultant:

Search for Louisiana Business Filings

Buy Certificates and Certified Copies | Subscribe to Electronic Notification | Print Detailed Record

Name	Type	City	Status
MORGAN GOUDEAU & ASSOCIATES, INC.	Business Corporation	OPELOUSAS	Active

Sub-Consultant:

Search for Louisiana Business Filings

Buy Certificates and Certified Copies | Subscribe to Electronic Notification | Print Detailed Record

Name	Type	City	Status
PROVIDENCE ENGINEERING AND ENVIRONMENTAL GROUP LLC	Limited Liability Company	BATON ROUGE	Active

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

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

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

Director of Training

Baton Rouge, LA
Location

President, CEO

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

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

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

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

Director of Training

Baton Rouge, LA
Location

President, CEO

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

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

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

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

Director of Training

Baton Rouge, LA
Location

President, CEO

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

American Traffic Safety Services Association ATSSA.com

PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

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

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

Director of Training

Baton Rouge, LA
Location

President, CEO

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

American Traffic Safety Services Association ATSSA.com

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

Morgan Goudeau & Associates
CIVIL ENGINEERS · LAND SURVEYORS

Richard Chinn Environmental Training, Inc.

certifies that

Chad Turner

has successfully completed a

38 Hour Army Corps of Engineers Wetland Delineation Training Program

Issued Certificate No. 5680 and 3.8 CEUs on this twenty-eighth day of August, 2009, in Baton Rouge, Louisiana

Richard Chinn, PWS, CET

Richard Chinn Environmental Training, Inc.
804 Cottage Hill Way, Brandon, FL 33511-8098
1.800.427.0307 • FAX: 1.888.457.6331 • info@richardchinn.com • http://www.richardchinn.com

This training has been based in part on the U. S. Army Corps of Engineers Wetlands Delineation Manual Technical Report Y-87-1 (1987 manual), as provided for in the training materials developed in conjunction with Section 307(e) of the Water Resources Development Act of 1990 for the Wetland Delineator Certification Program.

Richard Chinn Environmental Training, Inc.

certifies that

Christopher Coyne

has successfully completed a

38 Hour Army Corps of Engineers Wetland Delineation Training Program

Issued Certificate No. 8969 and 3.8 CEUs on August 9 - 12, 2021 in Baton Rouge, Louisiana

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

Richard Chinn, SPWS

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

This training has been based in part on the U. S. Army Corps of Engineers Wetlands Delineation manual Technical Report Y-87-1 (1987 manual), as provided for in the training materials developed in conjunction with Section 307(e) of the Water Resources Development Act of 1990 for the Wetland Delineator Certification Program.

Morgan Goudeau & Associates
CIVIL ENGINEERS · LAND SURVEYORS

Richard Chinn Environmental Training, Inc.

certifies that

Kenneth McKenzie

has successfully completed a

38 Hour Army Corps of Engineers Wetland Delineation Training Program

Issued Certificate No. 9185 and 3.8 CEUs from October 17 - 20, 2022 in Baton Rouge, Louisiana
This course is pre-approved by the Society of Wetland Scientists Professional Certification Program to provide 2.5 Training Credits and/or Points

Richard Chinn, SPWS

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

This training has been based in part on the U. S. Army Corps of Engineers Wetlands Delineation Manual Technical Report Y-87-1 (1987 manual), as provided for in the training materials developed in connection with Section 307(e) of the Water Resources Development Act of 1990 for the Wetland Delineator Certification Program.

21. <u>QA/QC Plan:</u>

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

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, Property Survey(s), Base R/W maps, Title Take-Off(s), Preliminary Plans, Final Plans, Construction Support (if required), and Shop Drawings (if required). The complete work outlined above is to be performed by the engineering and surveying firm and be the responsibility of the Engineer of Record for this project who is Kenny Boagni, III, a registered professional engineer and Jacob Jarrell, who is a registered professional land surveyor. The proposed work plan for this project will be outlined in this report. The Engineer of Record and Surveyor of Record shall sign, date, and seal all project documentation. The work will be performed in accordance with Louisiana Revised Statute (LRS) 37:681 through 37:703 and Title 46:Part LXI relating to Professional Engineering and Professional Surveying requirements.

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

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

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

1. Acquire all required right-of-way for the Project.
2. Relocate all utilities in the way of construction.
3. Obtain all required permits on the Project and pay associated fees.
4. Perform biological and cultural resource surveys if required.
5. Prepare permit applications

DESIGN STANDARDS AND CONTROL

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

1. AASHTO Standards, ASTM Standards or DOTD Test Procedures
2. DOTD Location and Survey Manual (Revised October 2023) and Addendum "A"
3. DOTD Roadway Design Procedures and Details
4. DOTD Minimum Design Guidelines
5. DOTD Hydraulics Manual
6. DOTD Standard Specifications for Roads and Bridges - most recent publication
7. Manual of Uniform Traffic Control Devices (Muted) FHNA
8. DOTD Traffic Signal Design Manual
9. National Environmental Policy Act (NEPA)
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 and Evaluation Manual (BDEM)
17. Consultant Contract Services Manual
18. Geotechnical Engineering Services Document
19. Bridge Inspectors Training Manual
20. DOTD Stage 1 Planning/Environmental Manual of Standard Practice
21. Code of Federal Regulations 29 CFR 1926 (OSHA)
22. AASHTO Highway Safety Manual
23. DOTD Complete Streets
24. DOTD OSBR PROGRAM Guidelines
25. DOTD Pavement PRR Minimum Design Guidelines
26. DOTD Traffic Engineering Manual
27. DOTD Traffic Engineering Process and Report
28. FHNA Bridge Inspector's Reference Manual (BIRM)

APPENDIX "A"

WORK PLAN CHECKLIST

A. INITIAL WORK PHASE

Negotiate contract with DOTD based on project work hours

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 AND PROPERTY 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. <u>HYDRAULIC REPORT</u>

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 MAPS

Adopted Project Centerline

Existing R/W

Limits of Construction

Parcel Line Locations and Ownerships

Taking Lines with ties to Adopted Project Centerline

Individual Parcel Metes and Bounds with Areas

U. CONSTRUCTABALITY_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
Designers				
Design Checkers				
Detailers				
Reviewers				
Peer Reviewer				

Geotechnical Engineer				
Hydraulic Engineer				
EOR				

APPENDIX "D"

Final Calculation Book Checklist

Cover Sheet

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

Final Calculation Book Check List

QA/QC Certifications

Design Criteria

Final Hydraulic Analysis Report from Hydraulic Engineer

Final Geotechnical Analysis Report from Geotechnical Engineer

Quantity Calculations

Special Provisions/NS-Items

Construction Cost Estimate (if required)

A PDF File of the Calculation Book

A PDF File of the Hydraulic Report

_____ _____

Reviewed and Checked **Date**

22. Sub-consultant information:

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

Firm Name (Name must match exactly as registered with Louisiana's Secretary of State (SOS): including punctuation, include screenshot(s) from SOS at the end of Section 20)	**Address**	**Point of Contact and email address**	**Phone Number**
Providence Engineering and Environmental Group LLC	1201 Main Street, Baton Rouge, LA 70802	Chad Turner chadturner@providenceeng.com	(225) 766-7400

23. <u>Location:</u>

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