

CONTRACT NO. 4400027349 | STATE PROJECT NO. H.003931.6 | FEDERAL AID PROJECT NO. H0101212





July 20, 2023

Department of Transportation & Development Attn: Mr. Michael "Mike" Gorbaty Consultant Contract Services Administrator 1201 Capitol Access Road, Room 405-BB Baton Rouge, LA 70802



RE: Engineering & Related Services - Calcasieu River Bridge (HBI) (CE&I), Route I-10, Calcasieu Parish, LA; Contract No. 4400027349; Federal and Project No. H0101212

Dear Mr. Gorbaty,

Volkert, Inc. is pleased to submit our response for **Engineering & Related Services - Calcasieu River Bridge (HBI) (CE&I), Route I-10** advertisement. We have read the advertisement, through addendum 1, and fully understand the services to be provided under this project and the depth of staff which would be required for the largest P3 project in the State. The core members of the Volkert Team presented in this proposal have worked together for the past 18 months on this project. This team was led by a Concessionaire who chose at the last minute not to submit a response to the RFP. We attended the technical one-on-one meetings, reviewed the RFP up though Addendum 18 and reviewed all the questions and answered issued in connection with the RFP. We have a full understanding of the DB limits and Developer's contractual requirements. We submit this proposal fully prepared to provide all services to support the Project Manager on this \$2 Billion project.

Furthermore, we fully understand the Department's desire to utilize this mega-project as an economic stimulus for the Lake Charles area. Volkert, as the Prime Consultant, is carrying forward the team member firms of C. H. Fenstermaker & Associates, L.L.C. (Fenstermaker), Alliance Transportation Group, LLC (ATG) Ardaman & Associates, Inc., (Ardaman) and Carbo Landscape Architectures, LLC (Carbo) from our prior team for the Developer. Each firm has roots in and staff that live in the Lake Charles area. We then added smaller firms and the DBE Component with the same goal in mind of local staff/offices in the Lake Charles area. These include Manchac Consulting Group, Inc. (Manchac), Pan American Engineers, LLC., (Pan American), Providence Engineering and Environmental Group, LLC., (Providence) and Adaptive Management and Engineering, LLC., (AME). The full list of firms and services anticipated to be provided is presented in this proposal.

#### Why Choose Volkert?

#### LADOTD TRUSTED PARTNER

Volkert has strived to expand alternative delivery knowledge to numerous local firms by adding them to our teams, therefore increasing the available pool of local Louisiana engineering firms to perform work on the alternative delivery projects in Louisiana. We have added three local firms, Pan American, Manchac, and Providence to the team who have local inspection staff in the Lake Charles area. We pledge that if they are not certified, we will have them work under certified inspectors so they will have gained experienced staff. We have also added Adaptive Management and Engineering (AME), a DBE firm with extensive coastal engineering experience who has been looking for an opportunity to establish a local, certified materials testing lab.. This project will provide AME with that opportunity. As a trusted LADOTD Partner, this project should benefit and build up local firms in and around Calcasieu Parish.

#### LADOTD LARGE PROJECT OVERSITE EXPERIENCE

Volkert has almost twenty years of experience providing construction oversite for Large projects in Louisiana. In 2005, after Hurricane Katrina, Volkert was the firm chosen to oversee the \$800 million reconstructions of the I-10 twin spans over Lake Pontchartrain. In 2022, when the LADOTD decided to widen the I-10 Corridor in Baton Rouge, the Volkert team was again selected for the over \$1 Billion project. We understand the LADOTD specifications and construction requirements and have the highest caliber of staff who adhere to those specifications while being fair and partnering with the Contractors or the Concessionaire.

#### LADOTD PPP AND ALTERNATIVE PROJECT OVERSITE EXPERIENCE

Volkert has been involved on both the Contractor/Concessionaire side and on the LADOTD Owner's side of alternative delivery for over 15 years. During this time, we have worked to write performance specifications and worked under them. We have developed procedures to utilize LADOTD software and implement new software such as HeadLight where the opportunity allows. Volkert was selected to provide Owner Verification services for the Belle Chasse project, the first P3 project in the state, which was critical to the ability of the state to perform additional major projects such as this one. We have worked through plan changes, and the issues with, the toll implementation on LA 1 and on the Belle Chasse bridge. We have also worked with the Concessionaire and the LADOTD in both partnering and in dispute resolutions all the way up to an executive level in our role as OVT.

#### EXTENSIVE PROJECT KNOWLEDGE GAINED FROM CALCASIEU P3 RFP PROCESS

The core of the Volkert team has worked together over the past 18 months as part of a P3 team preparing a response to the RFP. We have attended technical one-on-one meetings, reviewed all questions and answers and worked with the Concessionaire Agreement, the Technical Provisions and Data provided to develop ATC concepts and reviewed all amendments up to and including Amendment 18. Two weeks before the due date, with all plans and plots ready to go, the Concessionaire decided not to submit a response. This team has meet weekly to discuss the project and reviewed the project challenges. We feel that the knowledge gained through this process can be very beneficial during the OVT/CE&I portion of this project. We understand the issues with the railroad relocation, the pipe rack modifications, the EDC sites 1 and 2, and permits (USACE and USCG). This gives us a full understanding of the scope of services to be provided as the CE&I/OV team. We are prepared and have the team assembled that can hit the ground running that understand the project.

I am authorized to bind the company under this contract, and I look forward to discussing this opportunity in greater detail. You can reach out to me with any questions or clarifications.

Respectfully submitted, Volkert, Inc.

Janet L. Evans, PE, MBA Vice President

Janet L. Evans

## 44-27349 CALCASIEU RIVER BRIDGE CUSTOM 24-102







### **DOTD FORM: 24-102** PROPOSAL TO PROVIDE CONSULTANT SERVICES

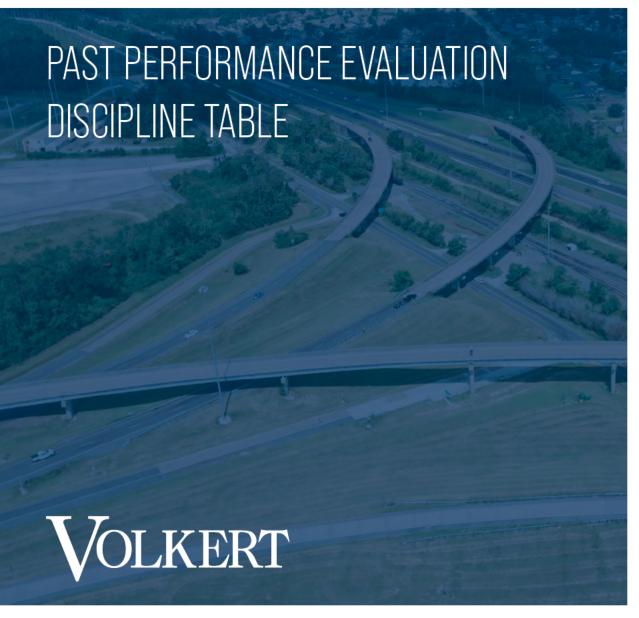
Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.

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 title as shown in the advertisement	CALCASIEU RIVER BRIDGE (HBI) (CE&I)		
Contract number(s) as shown in the advertisement	4400027349		
State Project Number(s), if shown in the advertisement	H.003931.6		
Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law)	Volkert, Inc. Volkert		
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	Louisiana License: EF.0002500 Louisiana License: VF.0000869		
6. Prime consultant mailing address			
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	9448 Brookline Ave Baton Rouge, LA 70809		
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Janet L. Evans, PE, MBA, Vice President 225-218-9440; Jan.evans@volkert.com		
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Janet L. Evans, PE, MBA, Vice President 225-218-9440; Jan.evans@volkert.com		
LADOTD TRUSTED PARTNER	LADOTD PPP AND ALTERNATIVE PROJECT OVERSITE EXPERIENCE		



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 Israelicontrolled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.	Signature above shall be the same person listed in Section 9:  July 20, 2023  Date:	
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): Adaptive Management and Engineering, LLC	Firm(s)' %: 10.6



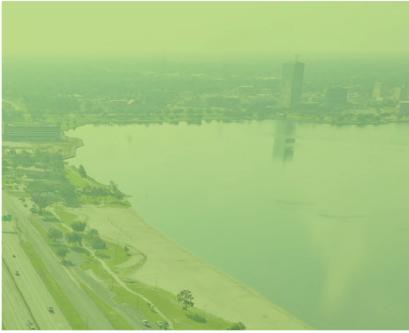




#### 12. Past Performance Evaluation Discipline Table:

Past Performance Evaluation Discipline(s)	% of Overall Contract	Volkert	Fenstermaker	Manchac	Pan American	Providence	ATG	Ardaman	AME	Carbo	Each Discipline Must Total to 100%
Road	2.0%	65.0%	15.0%	0.0%	0.0%	0.0%	15.0%	0.0%	0.0%	5.0%	100%
Bridge	4.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%
Traffic	1.5%	15.0%	0.0%	0.0%	0.0%	0.0%	85.0%	0.0%	0.0%	0.0%	100%
CE&I/OV	77.0%	70.0%	6.0%	6.0%	6.0%	6.0%	0.0%	0.0%	6.0%	0.0%	100%
СРМ	1.5%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%
Geotech	12.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50.0%	50.0%	0.0%	100%
Survey	1.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%
Environmental	1.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100%
	ldentif	y the percenta	age of work for	the <u>overall co</u>	ntract to be per	formed by the	prime consulta	ant and each s	sub-consultant		
Percent of Contract	100.00%	60.9%	6.9%	4.6%	4.6%	4.6%	1.6%	6.0%	10.6%	0.1%	100%







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

Firm Name	DOTD Job Classification	Number of Personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
	Principal	2	37
	Supervisor - Eng	6	38
	Engineer	7	86
I TOT KEDA	Engineer Intern	1	78
<b>V</b> OLKERT	Geologist	1	0
Volkert, Inc.	Administrative	1	150
	Inspector - Certified	2	21
	Other (ROW Manager)	1	8
	Other (Rail/Freight)	1	0
	Engineer	2	8
	Environmental Pro	2	2
	Inspector - Certified	1	4
<b>FENSTERMAKER</b>	Inspector - Lead	1	1
	Other (Potential Inspector)	1	1
	Principal	1	3
	Supervisor - Eng	1	3
	Surveyor	1	3
	Principal	1	1
	Engineer	1	1
ADADTI1/F	Engineer Intern	1	1
ADAPTI/E	Senior Technician	1	1
MANAGEMENT AND ENGINEERING	Driller	1	1
	Technician (Field/Lab)	1	3



Firm Name	DOTD Job Classification	Number of Personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
Ara	Principal	1	5
ALLIANCE TRANSPORTANCIA DEGUIR	Engineer	1	1
	Supervisor - Engineer	2	13
	Engineer	1	4
Ardomon	Engineer Intern	1	2
Ardaman & Associates, Inc.	Principal	2	2
	Supervisor - Engineer	1	2
	Engineer	1	1
Pan American Engineers, LLC	Other (Potential Inspector)	3	2
Providence	Inspector - Certified	4	6
Manchac CONTUSTING AROULING	Other (Potential Inspector)	5	6
CARBO	Landscape Architect	1	12







#### 14. Organizational Chart:

Volkert will serve as the prime firm for this contract.

#### Minimum Personnel Requirement Nos. (#)

LADOTD Trusted Partner

LADOTD PPP and Alternative Project Oversite Experience

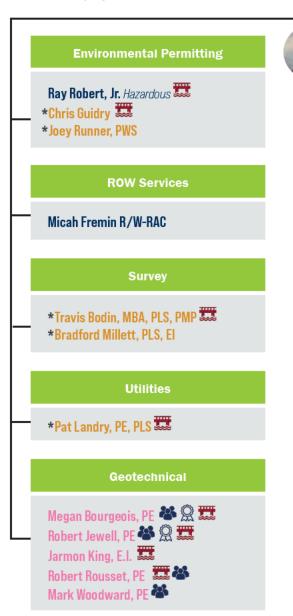
□ LADOTD Large Project Oversite Experience

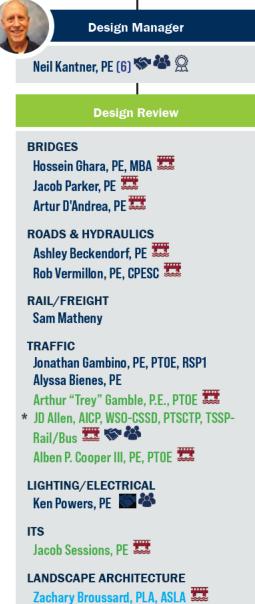
Calcasieu River Bridge P3 Knowledge

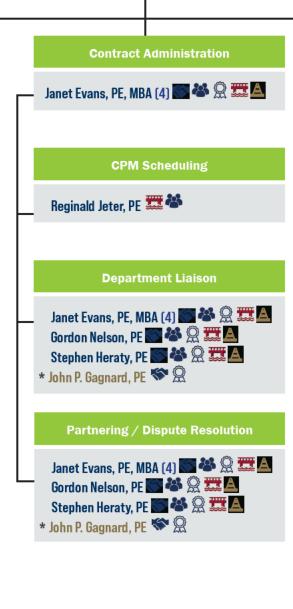
A Work Zone Training

\* Domiciled within 75 miles of project site











# FIRM LEGEND Volkert, Inc. Alliance Transportation Group Fenstermaker Adaptive Management and Engineering (DBE) Ardaman & Associates Pan American Providence Engineering Manchac Carbo Landscape Architects

#### Office Construction Support

Parker Scheuermann, El **A**\*Carson Washington, PE

\*Jessica Pousson. PE

#### Independent Testing Lab

Venu Tammineni, PE Geotech Support

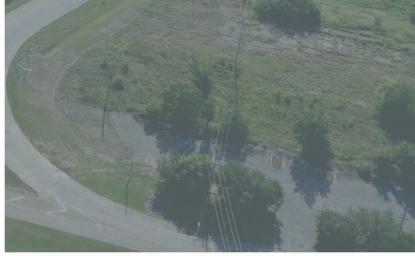
\*Michael McKinney A

\*Trace McBride

Ryan Williamson, El A Gregory Mattson, II, PE A



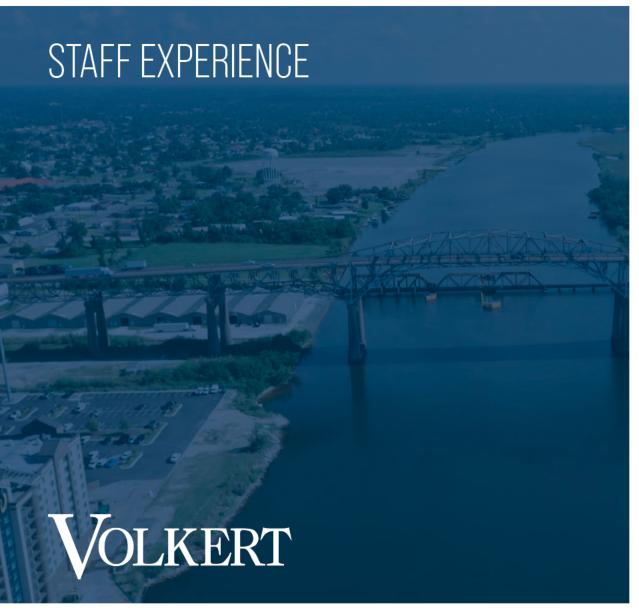




#### 15. Minimum Personnel Requirements:

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 and discipline meeting MPR/certification & number	State of license	License / certification expiration date
1	David Webber, PE	Volkert, Inc.	PE # - Civil 28016	LA	09/30/2023
2	David Webber, PE	Volkert, Inc.	PE # - Civil 28016	LA	09/30/2023
3	David Webber, PE	Volkert, Inc.	PE # - Civil 28016	LA	09/30/2023
4	Janet L. Evans, PE, MBA	Volkert, Inc.	PE# - Civil 21307	LA	09/30/2024
5	Jessica Miles, PE	Volkert, Inc.	PE# - Civil 28743	LA	03/31/2024
6	Neil Kantner, PE	Volkert, Inc.	PE# - Civil 20428	LA	03/31/2024
7	Cindy Henry	Volkert, Inc.	N/A	N/A	N/A









David Webber, PE | MPR #1, 2, 3
Jan Evans, PE, MBA | MPR #4
Jessica Miles, PE | MPR #5
Cindy Henry | MPR #7
Gordon Nelson, PE
Stephen Heraty, PE
John Gagnard, PE
Reginald Jeter, PE

VOLKERT

#### 16. Staff Experience:

Firm employed by: Volkert, Inc.						
David Webber, PE   Principal-in-Charge	Years of relevant experience with this employer	30				
		Years of relevant experience with other employer(s)		3		
Degree(s) / Years / Specialization	MBA  1991   Civil Engineer, Transportation BS  1990  Civil Engineering	Year registered	1998			
Active registration number / state / expiration date	28016   LA   9/30/2023	Discipline	Civil			
Contract role(s) / brief description of responsibilities:  Mr. Webber will be serving as Project Principal. Mr. Webber fulfills Minimum Personnel Requirements #1, 2, and 3.						



Experience dates	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time years of
(mm/yy-mm/yy)	experience specified in the applicable MPR(s).

As Chief Engineer for Volkert, Mr. Webber is responsible for assuring all resources in Volkert are utilized to provide the highest quality, schedule conformance and responsiveness for our clients. Mr. Webber's extensive experience managing mega-projects and his knowledge of all aspects of design build, from the contractors and the clients prospectives, will provide DOTD with a trusted advisor that has "seen it all" over his 37 year career. Mr, Webber is available should any staffing issues arise on this project and will bring the Corporate resources if needed. His knowledge of Louisiana and alternative delivery will be beneficial int this project.

11/22 - Ongoing (est. 2024)	Mobile River Bridge, Mobile, Alabama - \$3.5 billion cable-stayed bridge over the Mobile River with low-level bridge crossing of the Mobile Bay. Project includes 5 urban interchanges, numerous constraints including: utility relocations in aged infrastructure, historic structures to avoid vibrations, environmental wetlands and SAV's, project in flood zone, and very complex maintenance of traffic. Mr. Webber began his work on the project as the project manager for the EIS. Currently, the project is a progressive design build and Volkert is working with Kiewit providing design services to ALDOT.
08/21 - 08/22	West Alabama Highway - \$1.5 billion development of an 84 mile 4-lane corridor in the southwest area of Alabama. The project is the first progressive design build in Alabama. Mr. Webber is the manager for the owners representative services to ALDOT. Mr. Webber was involved in the conceptual creation of the project, managed the environmental permitting, managed the preliminary design, assisted ALDOT with the procurement documents and has acted as advisor to ALDOT in all project aspects.
09/14 - 01/22	I-4 Ultimate, Orlando, Florida - \$2.6 billion P3 project reconstructing 22 miles of I-4 in downtown Orlando and adding managed lanes. Volkert provided quality assurance services for the concessionaire. Mr. Webber acted as principal for the project and participated in the close out of the project.

Firm employed by: Volkert, Inc.	
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 years of experience specified in the applicable MPR(s).).
01/14 - 01-2020	I-59/20 CBD Bridge - \$1 billion reconstruction of I-59/20 in downtown Birmingham. Mr. Webber managed this design-bid-build project from conception to construction for ALDOT. The project included 6600' of segmental bridge, two route interchange reconstructions, multiple utility relocations in aged infrastructure, complex construction in historic area. Mr. Webber managed the conceptual design, environmental permitting, final plans and construction.
08/13-01/19	Design Manager for Design Build services for design and construction for the new SR 304 / I-269 from east of Mason Road to south of SR 302 in Marshall County, Mississippi for James Construction Group for MDOT. The project includes all work necessary to complete the grading, drainage and bridges for the new SR 304 / I-269 from east of Mason Road to south of SR 302 in Marshall County, Mississippi. The \$352 million project will be approximately 6.2 miles of mainline construction with multiple grade separation bridges and one hydraulic bridge. The bridges over SR 304 / I-269 at Shinault Road, SR 309, Bubba Taylor Road and Deer Creek Road and the SR 304 / I-269 twin bridges over Davis Road, Coldwater River and Dogwood Road are included in the project. The SR 304 / I-269 bridge over the Coldwater River shall be a minimum of 4,052 ft. long and will be built using progressive construction techniques to maintain commitments made by FHWA and MDOT to minimize impacts to the surrounding environment. The Coldwater River crossing will require the use of environmentally sensitive design and construction methods that do not allow construction equipment to access the bridge from the existing ground. Volkert is providing design services for the roadway and bridge approaches.
1996 - 01/17	Principal-in-Charge for Corridor X (I-22) Tie to I-65 Birmingham Preliminary and Final Design in Birmingham, Alabama for ALDOT. Volkert performed the Corridor X tie to I-65, which included the preliminary design for a 1.5-mile stretch from west of I-65 to US 31 in Birmingham. The work effort for the preliminary plans consisted of: refinement of the FEIS alignment and profile; detailed traffic analysis to determine lane requirements for the mainline, ramps, and cross streets; and the setting of right-of-way requirements. Various interchange types and configurations were developed and evaluated prior to the selection of the configurations to be used for detailed preliminary roadway and bridge plans. The final design services for this section of roadway included a new, four-level interchange at I-65 and a new at-grade intersection where Corridor X connects to US 31. Final plans were divided into five separate plan assemblies for grade, drain, base and pave, lighting, and bridge construction. There were a total of 29 bridges on the project: 15 new bridges and 14 existing bridge modifications.



Firm employed by: Volkert, Inc.						
Janet L. Evans, PE, MBA   Project Manager			Years of relevant experience with this employer		15	
	,		Years of relevant experience with other employer(s)		26	
Degree(s) / Years / Specialization		MBA  1986  Business Administration BS  1980  Civil Engineering	Year registered	1984		13
Active registration number / state / expi	ration date	21307   LA   9/30/2024	Discipline	Civil		
Contract role(s) / brief description Ms. Evans will be serving as Projection		nsibilities: jer. Ms. Evans fulfills Minimum Personnel Requirements :	#4.			
Experience dates [mm/yy-mm/yy]		nce and qualifications relevant to the proposed contract; i.e., "designed nce specified in the applicable MPR(s).	drainage", "designed girders", "designed intersection", etc.	Experience	e dates should cov	er the time years of
build considered confined work z tion of construction and design e of a design build construction ma	ones, trafi xperience anual. Ms	acity improvements, (lane additions), environmental justific queuing and limited lane closures and development of has been utilized by the department in various alternative. Evans experience from both the construction side and the of experience serving as a Project Manager on LADOTD and experience serving as a Project Manager on LADOTD and experience serving as a Project Manager on LADOTD and experience serving as a Project Manager on LADOTD and experience serving as a Project Manager on LADOTD and experience serving as a Project Manager on LADOTD and experience serving as a Project Manager on LADOTD and experience serving as a Project Manager on LADOTD and experience serving as a Project Manager on LADOTD and experience serving as a Project Manager on LADOTD and experience serving as a Project Manager on LADOTD and experience serving as a Project Manager on LADOTD and experience serving as a Project Manager on LADOTD and experience serving as a Project Manager on LADOTD and experience serving as a Project Manager on LADOTD and experience serving as a Project Manager on LADOTD and experience serving as a Project Manager on LADOTD and experience serving as a Project Manager on LADOTD and experience serving and experience s	construction sequencing for the high average da e delivery projects including the development of he design side allow her to provide insight which	aily traffic draft CM/	volume interst AR guidelines a	tates. Her combina- and the development
Jimmie Davis Bridge (LA511) (HBI) (Owner Vérification Services). Volkert will be responsible for providing all Engineering Design and Construction Support services including implementation of the Construction Quality Assurance Manual and Document Control. As the Owner Verification firm, Volker provide guidance and support to the LADOTD Project Manager prior to and during reviews, develop review comments, attend project meetings, ensure to the DB contractor adheres to their contract, and address other assignments as directed. Volkert will verify that all the DB Contractor submittals (i.e., Sa Plan; FAA permits; US Coast Guard Permits; USACE permits; Quality Manual; etc.) conform with the DB Contractor contract documents (Final RFP) and required meetings (i.e., Pre-Work Conference; Design Mobilization meeting; Site Mobilization meeting; Progress Meetings; Design Reviews, etc.) are held meeting minutes are taken. During Construction, Volkert staff will provide QA inspection oversite in the field and review all material certifications and we verify DB Contract Documents are met.				on firm, Volkert will etings, ensure that mittals (i.e., Safety Final RFP) and that all es, etc.) are held and		
verify DB Contract Documents are met.  106/20 – 08/24 (est.)  106/20			ling all Engineering Design and Construction Sup tridge & Tunnel Public Private Partnership (P3) Pr toll bridge. This includes the development of cor	pport servi roject which struction	ices including ch provides for plans, bridge r	implementation of r the replacement of replacement plans,



and during reviews, develop review comments, attend project meetings, ensure that the P3 team adheres to their contract, and address other assignments as

directed.

Firm employed by: Volkert, Inc.	
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 years of experience specified in the applicable MPR(s).).
09/20 - 11/22	Owner Verification Services for College Drive Flyover Ramp (I-10/I-12 west) in East Baton Rouge Parish for the Louisiana Department of Transportation and Development (LADOTD). Ms. Evans served as Principal-in-Charge for this project that consisted of modifying the I-10 West/College Drive exit into separate I-12 West and I-10 West exits. Volkert provided all necessary engineering services as part of this Design-Build/Owner Verification project. This included design reviews for bridges, roads, hydraulics, electrical and ROW Acquisition efforts as well as contract administration, scheduling, document control, and construction phase services. SP No. 4400019680, S.P. No H.013897.
08/17 - 02/20	I-10: Highland Road to LA 73 Design-Build, East Baton Rouge and Ascension Parishes, LA (LADOTD). Ms. Evans is serving as Principal-in-Charge for the Owner Verification Team (OVT) on Task Orders 3 & 4 which allows Volkert to provide procurement and project oversight and acceptance for both design and construction for the I-10 Design-Build project from Highland Road in East Baton Rouge Parish to LA 73 in Ascension Parish. She is responsible for all project oversight for the Design and Construction on this \$72M Design-Build project. This project consists of upgrading a portion of I-10 in East Baton Rouge and Ascension Parish to a six-lane controlled access facility including construction of a new six-lane I-10 overpass at Highland Road. This was the fastest procured design-build today in DOTD History. State Contract No. 4400004915 TO 3 & 4, S.P. No. H.009250.
12/17 - 12/20	Causeway Shoulder Bay Design, Jefferson and St. Tammany Parishes, LA (Greater New Orleans Expressway Commission). Volkert was selected to design essential and long-awaited shoulder additions. The bridge shoulders, comprising 12 "shoulder bays," will provide a safe space for disabled vehicles to pull over out of traffic. They will also increase safety for motorists and emergency personnel in the event of a crash. This project was executed using the CMAR alternative delivery method, a first for the State of Louisiana. Mrs. Evans served as Project Principal and Project Manager for this project.
04/18 - 04/19	I-220 to Barksdale AFB Connector Design-Build Procurement, Bossier Parish, LA (LADOTD). Ms. Evans is serving as Principal-in-Charge for Volkert's team as they completed preliminary construction cost estimates and reviewed preliminary engineering layouts from LADOTD to help assess impacts, constructability design issues. She also helped produce the Performance Specifications, worked with LADOTD staff in each category for project specific design issues to be addressed. She also assisted in the preparation of the Public Information Meetings and the One-on-One meetings with the shortlisted Design-Build teams for this \$71.8 M Design-Build project. State Contract No. 4400004915 TO 5, S.P. No. H.003370.
02/10 - 01/14	I-10 Widening Design-Build   Siegen Lane Interchange – the Highland Road Interchange, East Baton Rouge Parish, LA (LADOTD)   Ms. Evans was the Design QA/QC Manager and Designer of Record for this project. As such, Ms. Evans worked closely with all designers and the contractor on this \$100M Design-Build project. She was responsible for writing the design QC manual and ensuring that the procedures with the manual were implemented and followed. She was responsible for the monthly reporting of all design and design QA/QC activities to the LADOTD. As Designer of Record, Ms. Evans handled all communication between the contractor and the engineering sub-consultants on the project, including Traffic Engineering and Geotechnical Engineering. She was in daily communication with the Contractor to ensure that the schedule and budget was met. Ms. Evans was also involved in the prebid activities which included preliminary plan development, maintenance of traffic phasing and quantity estimates for the contractor prior to contract award. This project was awarded an ACI Merit Award.   S. P. No. 450-10-0159
01/09 - 01/13	I-12 Widening Design-Build Project from O'Neal Lane Interchange – Pete's Highway (LADOTD). Ms. Evans is serving as Principal-in-Charge for this project that consists of widening I-12 to 3 lanes in each direction (6 lanes total) between the O'Neal Lane/Pete's Highway interchange and Range Road. The additional lanes will be constructed in the median. The bridges at the Amite River and the relief bridges will be replaced by a single bridge more than 2,600 feet long. The existing roadway and earth fill between the old bridges will be removed. Volkert's services include roadway design, electrical design, permitting compliance, QA/QC assistance, permitting, environmental compliance, public involvement, independent quality control, and engineering during construction.   S. P. No. 454-01-0047 & 454-02-0025



Firm employed by: Volkert, Inc.								
Jessica Miles, PE   Project Engineer	Years of relevant experience with this employer	oloyer						
	Years of relevant experience with other employer(s)		30					
Degree(s) / Years / Specialization	BS  1986  Civil Engineering	Year registered	1999					
Active registration number / state / expiration date	28743   LA   3/31/2024	Discipline	Civil					
Contract role(s) / brief description of responsibilities:								



Ms. Miles will be services as Project Engineer. She fulfills Minimum Personnel Requirement #5.

Experience dates	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time years of
(mm/yy-mm/yy)	experience specified in the applicable MPR(s).

Ms. Miles is experienced and knowledgeable with transportation engineering design and construction. She has effectively supervised onsite field staff, office staff and contractors. Her proactive approach to construction and engineering solutions has contributed toward project efficiency and meeting the client's objectives. She started her career with FDOT where she worked as a construction PM. Her career then took her to work 12 years for a Road and Bridge Contractor as a PM and Sr. Manager with the company. Included in her career are also ten years with engineering firms performing CEI and DOT support. Jessica is fluent in Primavera. During her time at FDOT, Jessica managed some of the largest urban reconstruction projects in the District. Most recently she has been successful working on the Key Bridges Projects District 6 and roadway rehabilitation in District 1. Jessica is notably known for her proactive approach in problem solving and working with contractors for workable solutions that benefit the project and the Clients. Jessica is known for finishing projects on time and on budget.

Prior to working at Volkert: 11/21 - 05/23	SR 45 (US 41) from S. of Payne Street to N. of Rio Villa Drive; FIN: 444485-1 / SR 776 From Pinedale Dr to Myakka Bridge; FIN: 441517-1  The SR 45 (US 41) project is 4.11 miles of 4 lane divided highway roadway with 2 existing signalized intersections, a walking/cycling trail, multiple areas of landscape medians, and multiple residential and commercial driveways within the project limits. The SR 776 project is 1.9 miles in length, four lane divided highway including sidewalks on both sides of the road, bicycle paths on both sides of the roadway and two signalized intersections. Work consists of mill and resurfacing, widening, signalization, lighting, sidewalks, median reconstruction, drainage, and bridge joint replacements. Client: FDOT.
03/20 - 11/20	Cow Key Channel Bridge and Roadway MM 4.1; FIN: 441740-1-52-01 This incentive-disincentive based project consisted of milling and resurfacing, replacing sections of bridge deck spans and beams, landscaping, signing, guardrail, and milling and resurfacing, and utility relocations of the roadway on US 1 the entrance to Key West, won the 2021 FTBA Best in construction Award for Community Awareness. The work consisted of moving all traffic inbound and outbound to one (1) side of the roadway while each bridge and roadway was reconstructed. This project is located at the gateway to Key West, and an incentive was added to the contract for early completion to minimize the disruption to the City and tourism. Innovative maintenance of traffic measures was implemented including a Smart Work Zone System and flexible, movable delineators moved twice daily for reversable lanes with remotely monitored traffic signals to accommodate peak hour traffic flows. Client: FDOT.
12/18 - 12/20	Old 7 Mile Bridge from Knights Key to Pigeon Key; FIN:413721-2-52-01 The Old Seven Mile Bridge consisted of a steel frame construction. Substructure repair work was extensive and include extensive steel repairs (I million lbs. +) with component replacements, steel cleaning, blasting, painting and coatings, concrete pier, and deck repairs. Repair work also included deck jacking operations to replace floor beams. This was a highly complex project required a lot of coordination with the Contractor. Repair work also included deck jacking operations to replace all 2,231 floor beams, expansion joint rehabilitation, bridge deck sealing, new handrail, striping and signage. A hanging containment system was maintained as the work progressed down with the hanging platform preventing any spills into the National Marine Sanctuary the rehab took place in. Client: FDOT



Firm employed by: Volkert, Inc.	
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 years of experience specified in the applicable MPR(s).].
05/20 - 12/20	Founders Park Pedestrian Overpass- Design Build. MM 87; FIN 442040-1-52-01 Founder's Park, located in the Village of Islamorada, is a heavily used park and marina. The project consists of a steel and concrete pedestrian overpass to safely move cyclist and pedestrians across US 1. The roadway was modified to accommodate the bridge, stairs, and elevator towers. Work included utility relocations. New pier protection as well as milling and resurfacing, widening with keyhole additions to the existing roadway. Client: FDOT
12/18 - 12/20	Seven Mile Bridge over Moser Channel MM 40. FIN 433381-1-52-01 This segmental bridge rehabilitation included Concrete spall repair via bridge jacking, metallization of the columns and struts, installation of cathodic protection jackets on drill shafts, post tensioning repairs and bridge jacking with friction collar temporary support system. Rebuild of (2) pier caps with superstructure jacked; performed top-of-column spall repair and bearing pad replacement with the superstructure jacked from friction collars. All work was performed from barges and working platforms hung from the structure to minimize impacts to the water and surrounding environment in this extremely sensitive environmental area. Reinstalled shear plate inside segment with UHPC. Client: FDOT
08/15 - 07/16	La 3241 I-12 to Bush This design project to extend La 434, 19 miles from I-12 to Bush with a new roadway to Bush, La. The project included new embankment through low-lying areas which included a \$50 M wetland mitigation, base, asphalt, 8 new bridges, guardrail, signalization, and intersection improvements. Design PM on this high-profile project part of the LaTIMED program. Client: LaDOTD Reference: Nick Olivier (225) 928-1499
2008 - 2010	U.S.61 Widening U.S. 61 Widening, East Baton Rouge and West Feliciana Parishes, Louisiana: Project included the widening of U.S. 61 with subgrade, base, concrete pavement from two lanes to four lanes, mill and resurface existing 2 lanes, new drainage, and the construction of four new bridges. Post tension an existing bridge for additional load capacity. Client: LaDOTD.
07/03 - 12/04	Veterans Boulevard Widening, Kenner, LA: Project widened the existing Veterans Boulevard from Williams Boulevard to Roosevelt Drive. New sidewalks and bus stops were included on this project, as well as new lighting and signalized intersections with an early completion bonus.
08/02 - 12/04	West Esplanade Boulevard Widening, Metairie, LA: Widen West Esplanade Boulevard from Bonnabel to Oaklawn Drive. Work included removal of existing roadway, new drainage with many utility conflicts, new subbase, base, curb and gutter. New sidewalks and a pedestrian bridge over a drainage canal with a sheet pile wall for a new walkway were included.



Firm employed by: Volkert, Inc.					
Cindy Henry   Document Control Manager		Years of relevant experience with this employer		3	
		Years of relevant experience with other employer(s)		20	
Degree(s) / Years / Specialization BS   1999   General Studies		Year registered	N/A		100
Active registration number / state / expiration d	ate N/A	Discipline	N/A		
Contract role(s) / brief description of re Ms. Henry will serve as Document Cont	sponsibilities: rol Manager. She fulfills Minimum Personnel Requirement #7.				
	perience and qualifications relevant to the proposed contract; i.e., "designed perience specified in the applicable MPR(s).	d drainage", "designed girders", "designed intersection", etc.	Experience	dates should cov	ver the time years of
	as over 20 years of performing document control and admini- ptions, schedules, progress reports and meeting minutes for		le for doc	umentation co	ontrol of reports,
Pr Bu Cc Cc er As	Project Coordinator - Volkert.  Prepare weekly vendor reports for multiple projects.  Bulk upload projects into the database.  Complete client monthly KPI report.  Coordinated with project team to identify scope of work and parameters; established baseline schedule; established procedure for updating the schedule to ensure deadlines were met.  Assist with monthly forecasting using projections from field agents.  Assist with work order and change order proposal.				
02/13 - 06/18 ini 02/13 - 06/18 CE As Sh Ar se m	Design-Build Construction Inspection and Quality Assurance, Statewide, Louisiana. LADOTD. Five-year retainer contract including project initiation, design-build procurement services, contract administration and management, design and construction quality acceptance (owner verification), CE&I, partnering, public information support, document control, and dispute resolution. Design Build Procurement Support Services. As Administrative Assistant, Ms. Henry was member of the procurement team responsible for assisting in the preparation and distribution of documents to the proposers. She provided administrative duties for the LADOTD and Michael Baker Project Managers. Design-Build Project, US 90 (I-49 South) Albertson's Parkway to Ambassador Caffery in Lafayette Parish. As Administrative Assistant, Ms. Henry's responsibilities included document control and design related administrative services including clerical support to LADOTD's project manager. Also responsible for the organization and distribution of incoming and outgoing documents, maintaining project files, coordination with the Design-Builder and Design Project Manager to ensure that documents were received, and review comments were submitted in a timely manner for scheduled Design Reviews.				
I-1 He th Bu th	IDIQ Federal Economic Stimulus Package Funds, Design-Build Project Delivery, Statewide, Louisiana. As a member of the procurement team for I-10, US90, and I-12 Design-Build projects, Ms. Henry was responsible for assisting in the preparation and distribution of documents to the proposers. Ms. Henry also provided administrative duties for the LADOTD & Michael Baker Project Managers for the I-10 and US90 Design-Build Projects. Responsible for the organization and distribution of incoming and outgoing documents maintaining project files, coordination with the LADOTD Project Manager and Design-Builder to ensure that all documents were received, and review comments were submitted in a timely manner for scheduled Design Reviews. Ms. Henry was the single point of contact for all documentation from the Design-Builder. She worked directly with the Design-Builder's staff in communicating "ball in court" status of documentation (reports, plans, shop drawings, RFIs, NCRs, design exceptions, schedules, etc.).				



Firm employed by: Volkert, Inc.					
Gordon Nelson, PE   Assistant Project Manager		Years of relevant experience with this employer		6	
			Years of relevant experience with other employer(s)		36
Degree(s) / Years / Specialization		MS   1986   Civil Engineering BS   1976   Civil Engineering AS   1974   Civil Engineering Technology	Year registered	1984	
Active registration number / state / expirat	ion date	19880   LA PE   03/31/2025	Discipline	Civil	
	ant Proje	ect Manager, Partnering/Dispute Resolution, and Departi		- F	
Experience dates [mm/yy-mm/yy]		nce and qualifications relevant to the proposed contract; i.e., "designed nce specified in the applicable MPR(s).	d drainage", "designed girders", "designed intersection", et	c. Experience	e dates should cover the time years of
12/21 - 08/24 (est.)	Team v Plaque facility	: Belle Chasse Bridge and Tunnel (HBI) Plaquemine which allows Volkert to provide project oversight and accermines Parish. He is responsible for all project oversight for with a 4-lane high rise bridge to replace the existing Belle onstructed in accordance with the LADOTD P3 Contract ar	ptance for both design and construction of the or the Design and Construction on this \$170M   e Chasse Tunnel and Judge Perez lift bridge. Mr.	LA 23 bridg P3 project. Nelson mu	ge and tunnel replacement in This project consists of a new toll ust verify that the project is designe
04/18 - Ongoing	Verifica roadwa Design to Barl	(1-20 Interchange IMP & BAFB Access Design-Build, ation Team which allows Volkert to provide project oversig ay connection to Barksdale Air Force Base in Bossier Parish-Build project. This project consists of constructing new basedale Airforce Base. Mr. Nelson must verify that the projections and performing necessary audits to FHWA for constructions.	tht and acceptance for both design and constru- sh. He is responsible for all project oversight for oridges over I-20 and the KCS Railroad, new Inte- lect is designed and constructed in accordance	ction for the the Design rchange Ra	e new I-220/I-20 interchange and n and Construction on this \$79.1M amps and a new 2-lane roadway
09/20 - 11/22	Verifica Design	at-12 College Dr Flyover Ramp Design-Build, East Bation Team which allows Volkert to provide project oversign-Build project in East Baton Rouge Parish. He is responsible. This project consists of constructing a new Flyover Ram	tht and acceptance for both design and construble for all project oversight for the Design and C	ction for the onstruction	e College Drive Flyover Ramp n on this \$52.4M Design-Build



Firm employed by: Volkert, Inc.					
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 years of experience specified in the applicable MPR(s).].				
08/17 - 02/20	I-10: Highland Road to LA 73 Design-Build, East Baton Rouge and Ascension Parishes, LA (LADOTD)   Mr. Nelson served as Project Manager for the Owner Verification Team on Task Order 4 which allows Volkert to provide project oversight and acceptance for both design and construction for the I-10 Design-Build project from Highland Road in East Baton Rouge Parish to LA 73 in Ascension Parish. He was responsible for all project oversight for the Design and Construction on this \$72M Design-Build project. This project consisted of upgrading a portion of I-10 in East Baton Rouge and Ascension Parish to a six-lane controlled access facility including construction of a new six-lane I-10 overpass at Highland Road. Mr. Nelson had to verify that the project is designed and constructed in accordance with the LA LADOTD Design-Build Contract and Specifications ad performing necessary audits to FHWA for concurrence.				
06/18 - 09/19	I-49 South (US 90 South) Albertson Pkwy to Ambassador Caffery Design Build, Lafayette Parish, LA (LADOTD)   Mr. Nelson served as Project Manager for Volkert's team. He was responsible for all project oversight for finalizing the Construction on this \$65.6M Design-Build project. The new section of I-49 consisted of constructing 6- new travel lanes with shoulders, frontage roads and bridge structures over Albertson Parkway and the BNSF Railroad.				

Firm employed by: Volkert, Inc.						
Stephen Heraty, PE   Partnering/Department Liaison		Years of relevant experience with this employer		25		
	·		Years of relevant experience with other employer(s)		1	
Degree(s) / Years / Specialization		BS   1997   Civil Engineering	Year registered	2004		
Active registration number / state / expiratio	n date	31272   LA   9/30/2024	Discipline	Civil		
Contract role(s) / brief description of Mr. Heraty will serve as Department		nsibilities: and Partnering/Dispute Resolution for this project.				
		nce and qualifications relevant to the proposed contract; i.e., "designence specified in the applicable MPR(s).	d drainage", "designed girders", "designed intersection", etc.	Experience	dates should co	ver the time years of
Mr. Heraty has been with Volkert since 1998 and is responsible for assisting with engineering and CEI Services associated with civil and structural engineering projects. For over 10 years he has served as Project Engineer and Responsible Charge of CEI projects for the LADOTD. His experience includes work in design, bridge inspection and construction engineering and inspection. He is a member of the Gulf Region Intelligent Transportation Society. He is IMSA certified for Fiber Optics for ITS Level I & II as well as a certified Fiber Optics Installer. He also has been a certified bridge inspector since 2005.						
02/20 – 08/24 (est.)  LA 23: Belle Chasse Bridge and Tunnel (HBI) Improvements   Sr. Construction and Inspection Engineer   Mr. Heraty serves as the Sr. Construction and Inspection Engineer in the Owner Verification Team.   Volkert will be responsible for providing all Engineering Design and Construction Support services including implementation of the Construction Quality Assurance Plan for the Belle Chasse Bridge & Tunnel Public Private Partnership (P3) Project which provides for the replacement of the Belle Chasse Tunnel and Judge Perez Lift Bridge with a new toll bridge. This includes the development of construction plans, bridge replacement plans, decommissioning of the Tunnel and development of O&M plans. As the OVT, Volkert will provide guidance and support to the LADOTD Project Manager prior to and during reviews, develop review comments, attend project meetings, ensure that the DBT adheres to their contract, and address other assignments as directed.   State Contract No. 4400018899.						
	CEI Services for the I-10 from Veterans to Clearview Lane Additions in Jefferson Parish, Louisiana   Project Manager   Mr. Heraty was responsible for oversight of all construction and administration activities, as well as coordination with all local and state agencies. The project consists of adding lanes to the existing roadway and bridges, drainage structures, grading, cold planning asphaltic pavement, Class II base course, Superpave asphaltic concrete pavement, asphaltic concrete SMA wearing course, signing, lighting, sound barrier walls, slab span and girder span bridges, pavement markings, and related work.					
	contra Superp	rench Branch Bridge – West Pearl River Bridge, Roct administration and CE&I services for the clearing and bave asphaltic concrete pavement, Portland Cement Concert for this project.	grubbing, grading, drainage structures, cold plann	ing aspha	altic concrete,	Class II Base Course,



Firm employed by: Volkert, Inc.	
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 years of experience specified in the applicable MPR(s).].
08/06 - 08/11	I-10 Twin Span Bridge Over Lake Pontchartrain Low Level Portions and Main Spans in Orleans and St. Tammany Parishes, Louisiana for the Louisiana DOTD   The new bridge was designed for a 100-year life and built 300 feet to the east of the existing bridge. The bridge has an elevation of 30 feet, 21 feet higher than the existing bridge, with an 80-foot high-rise section near the Slidell side to allow for marine traffic and withstand a much higher storm surge. The 60-foot width of each span included three 12-foot lanes and two 12-foot shoulders on each side. The bridge was designed to include reinforced concrete walls to increase storm surge resistance and minimize the effects of any barge collision. Mr. Heraty served as Construction and Inspection Engineer for this project.
08/17 - 07/20	I-10: Highland Road to LA 73 Design-Build, East Baton Rouge and Ascension Parishes, LA (LADOTD)   Sr. Construction and Inspection Engineer - Mr. Heraty serves as the Sr. Construction and Inspection Engineer for the Owner Verification Team.   He is responsible for the Owner Verification Team's (OVTs) construction services and oversight related to the construction process on the Design-Build project. Mr. Heraty coordinates the OVT effort to verify that the project is being constructed in accordance with the LADOTD Design-build Contract and Specifications. This project consists of upgrading a portion of I-10 in East Baton Rouge and Ascension Parish to a six-lane controlled access facility including construction of a new six-lane I-10 overpass at Highland Road. State Contract No. 4400004915 TO 4, S.P. No. H.009250.
08/06 - 08/11	CEI Services for the I-10 Twin Span Bridge Over Lake Pontchartrain Low Level Portions and Main Spans in Orleans and St. Tammany Parishes, Louisiana for the LADOTD   The new bridge was designed for a 100-year life and built 300 feet to the east of the existing bridge. The bridge has an elevation of 30 feet, 21 feet higher than the existing bridge, with an 80-foot high-rise section near the Slidell side to allow for marine traffic and withstand a much higher storm surge. The 60-foot width of each span included three 12-foot lanes and two 12-foot shoulders on each side. As project engineer, Mr. Heraty was responsible for oversight of all construction and administration activities, as well as coordination with all local and state agencies. As assistant project engineer, Mr. Heraty was responsible for project administration of the reconstruction of the I-10 Twin Span Bridge Over Lake Pontchartrain project. State Contract Nos. 450-17-0025, 450-17-0028.
08/06 - 08/11	I-10 Twin Span Existing Bridge Demolition, LADOTD   Orleans and St. Tammany Parishes, LA   Project Administrator   This project consisted of the removal, breaking up, transporting, and placing of all concrete and embedded reinforcing steel from spans of the I-10 Twin Span Bridge, which was damaged during Hurricane Katrina. The project also consists of constructing artificial reefs in Lake Pontchartrain. As Project Administrator, he was responsible for all aspects of this project.



Firm employed by: Pan American Engineers, LLC						
John P. Gagnard, PE   Project Engineer	Years of relevant experience with this employer 17		17			
		Years of relevant experience with other employer(s)		31		
Degree(s) / Years / Specialization	BS  1972  Civil Engineering	Year registered	1977			
Active registration number / state / expiration date	16216  LA   9/30/2024	Discipline	Civil			

Contract role(s) / brief description of responsibilities:

Mr. Gagnard will be a resource to the team in the areas of Department Liaison, Partnering / Dispute Resolution.

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).
1973 - 1977	<b>LADOTD:</b> worked as the assistant Project Engineer in the Leesville construction office. Worked with the survey crew, at hot mix plants and road and bridge inspection. Supervising the construction of roads and bridges in Vernon and Sabine parishes; i.e., the 4-laning of US 171 between Leesville and Fort Polk.
1979 - 1982	<b>LADOTD:</b> Project Engineer for the Colfax construction office, supervising a gang of 25 employees; i.e., including survey personnel, inspectors & other engineers. Responsible for all the road and bridge construction in Grant & Winn parishes.
1982 - 1995	<b>LADOTD:</b> Opened a new Project Engineers office in Boyce, LA., which included survey personnel, inspectors and several other engineers. During this time we built the only cast-in-place segmental box girder bridge in the state on LA. 8 over the Red River, between Boyce and Colfax. We oversaw the construction of a number of miles of I-49 in Rapides Parish. During this period I was promoted to Assistant District Construction Engineer and helped oversee the construction of roads and bridges in District 08, as well as the elevated sections of I-49 in Alexandria.
1995 - 2006	<b>LADOTD:</b> Promoted to District Construction Engineer and was responsible for a staff of approximately 150 employees, which included 15 engineers and the District Laboratory. Was responsible for all the road and bridge construction in the 7 parishes in the district. During this period, we replaced the high rise bridge on LA. 107, over the Red River at Moncla, LA. Other major projects included the widening of US 165 for the TIMED program.
2006 - Present	Pan American Engineers: Performed functions as a Senior Engineer on numerous road construction projects for various towns and cities. We provided CE&I for DOTD on several parish bridge replacement projects. Provided CE&I services for District 08 when we were selected to oversee the construction of a new high rise bridge over the Red River for US 165/71 SP H.008273- Fort Buhlow Bridge). We participated with Gilchrist Construction Co. on SP H.004932 as the firm to provide the Project Engineer and inspectors to oversee the Design-Build project on US 90 at the LA. 318 interchange in St. Mary Parish.



Firm employed by: Volkert, Inc.							
Reginald "Reggie" Jeter, PE   CPM Schel	Years of relevant experience with this employer	5					
		Years of relevant experience with other employer(s)		25			
Degree(s) / Years / Specialization	MS  1984   Civil Engineering	Year registered	1989				
,	BS   1981  Civil Engineering						
Active registration number / state / expiration date	23259   LA   09/30/2023	Discipline	Civil				
Contract role(s) / brief description of responsibilities:							



Mr. Jeter will serve as CPM Schedule Expert for this project.

Experience dates	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time years of
[mm/yy-mm/yy]	experience specified in the applicable MPR(s).

Mr. Jeter joined Volkert in 2016 and has over 29 years in the highway and heavy construction industry a chief estimator, scheduler and an engineer for projects ranging in size from \$3,500.00 to \$56 million. He has estimated most facets of construction, including: Clearing and grubbing; Demolition and removals; Earth-work; Erosion control; Base courses and soil stabilization; Asphalt pavement; Asphalt milling; Concrete pavement; Storm drainage including pipe, box culverts and drainage structures; Riprap and revetment; Walks, drives, incidental concrete paving, curb & curb and gutter; Seeding, fertilizing and mulching; Erosion control systems; Temporary detour roads and bridges; Bedding material; Construction layout; Structural excavation; Sheet piles; Driven piles; Structural concrete including headwalls, retaining walls, bridges (pile caps, decks, barrier rail and approach slabs), cast in place box culverts. Bridge estimating includes widening and rehabilitation of pre-stressed concrete girder bridges.

He has been in the consulting business specializing in CPM scheduling by utilizing Primavera projects exclusively including the current version of P6. His use of P6 dates back to 2011. He also has served as Assistant Professor at Louisiana Tech University in the Civil Engineering Department from 1984 to 1987. He has been the Professional-in-Residence at Louisiana Tech since December 2015. As required by this project, Mr. Jeter has over ten years of experience with contractor style estimating (he currently has almost twenty years). He has local knowledge of labor; equipment and the materials market and construction means and methods. His estimation experience combined with his teaching experience covers both rehabilitation and widening of pre-stressed concrete brides and steel plate girder structures.

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06/20 - 08/24 (est.)	LA 23: Belle Chasse Bridge and Tunnel (HBI) Improvements, Plaquemine Parish (LADOTD)   Mr. Jeter is serving as CPM review for the Belle Chasse Bridge and Tunnel Improvements. Volkert will be responsible for providing all Engineering Design and Construction Support services including implementation of the Construction Quality Assurance Plan for the Belle Chasse Bridge & Tunnel Public Private Partnership (P3) Project which provides for the replacement of the Belle Chasse Tunnel and Judge Perez Lift Bridge with a new toll bridge. As the OVT, Volkert will provide guidance and support to the LDOTD Project Manager prior to and during reviews, develop review comments, attend project meetings, ensure that the P3 team adheres to their contract, and address other assignments as directed.
02/20-07/20	F10: Highland Road to LA 73 Design-Build, East Baton Rouge and Ascension Parishes, LA (LADOTD)   Mr. Jeter reviewed full CPM for Task Orders 3 & 4 which allows Volkert to provide procurement and project oversight and acceptance for both design and construction for the I-10 Design-Build project from Highland Road in East Baton Rouge Parish to LA 73 in Ascension Parish \$72M Design-Build project. This project consists of upgrading a portion of I-10 in East Baton Rouge and Ascension Parish to a six-lane controlled access facility including construction of a new six-lane I-10 overpass at Highland Road.   State Contract No. 4400004915 TO 3 & 4, S.P. No. H.009250.



Firm employed by: Volkert, Inc.	
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 years of experience specified in the applicable MPR(s).].
06/18 - 03/19	US 90 (I-49 South) Albertson Parkway to Ambassador Caffery Design-Build, Lafayette Parish, LA (LADOTD)   Mr. Jeter is serving as CPM Review Engineer for the OVF on Task Order 6 which allows Volkert to provide project oversight and acceptance for both design and construction for the US 90(I-49South) Albertson Parkway to Ambassador Caffery Design-Build Project in Lafayette Parish. Volkert's Baton Rouge office is responsible for all project oversight for the Design and Construction on this \$57M Design-Build Project. This project consists of upgrading a portion of US 90 in Lafayette Parish to a six-lane controlled access facility.   State Contract No. 4400004915 TO 6, S.P. No. H.010620.
12/17 - 12/20	Causeway Shoulder Bay Design, Jefferson and St. Tammany Parishes, LA (Greater New Orleans Expressway Commission)   Mr. Jeter was responsible for conducting independent cost estimating on this project. Volkert was selected to design essential and long-awaited shoulder additions. The bridge shoulders, comprising 12 "shoulder bays," will provide a safe space for disabled vehicles to pull over out of traffic. They will also increase safety for motorists and emergency personnel in the event of a crash. This project was executed using the CMAR alternative delivery method, a first for the State of Louisiana.
05/19 - 12/21	I-220/I-20 Interchange Improvements to BAFB Access Design-Build, Bossier Parish, LA (LADOTD)   Mr. Jeter is reviewing the CPM schedule for Volkert's team on this \$71.8M Design-Build project. The I-220/I-20 Interchange Improvement and Barksdale Air Force Base (BAFB) Access project in Bossier Parish consists of the extension of I-220 to the south over I-20 as a limited access 4-lane arterial to a new terminus on BAFB and includes construction of four interchange ramps providing interchange connectivity for the new access road. The project includes the construction of two sets of bridge structures, one set for the I-20 over pass and the second set for the over- pass of the KCS RR. The project terminus will tie to a BAFB roadway project creating a new access location for the base.   State Contract No. 4400016173, S.P. No. H.003370.6.



## DESIGN SERVICES

Neil Kantner, PE | MPR #6
Ray Robert, Jr.
Chris Guildry
Joey Runner, PWS
Micah Fremin, R/W-RAC
Travis Bodin, MBA, PLS, PMP
Bradford Millet, PLS, El
Pat Landry, PE, PLS
Megan Bourgeois, PE

Robert Jewell, PE

Jarmon King, El

Robert Rousset, PE
Mark Woodward, PE
Hossein Ghara, PE, MBA
Jacob Parker, PE
Artur D'Andrea, PE
Ashley Beckendorf, PE
Rob Vermillon, PE, CPESC
Sam Matheny
Jonathan Gambino, PE, PTOE, RSP1
Alyssa Bienes, PE
Arthur "Trey" Gamble, P.E., PTOE

JD Allen, AICP, WSO-CSSD, PTSCTP, TSSP Alben P. Cooper III, PE, PTOE Ken Powers, PE Jacob Sessions, PE Zachary Broussard, PLA, ASLA



Firm employed by: Volkert, Inc.					
Neil Kantner, PE   Design Manager		Years of relevant experience with this employer			
, , , , , , , , , , , , , , , , , , , ,		Years of relevant experience with other employer(s)		41	
Degree(s) / Years / Specialization	BS   1976   Civil Engineering	Year registered	1983		
Active registration number / state / expiration date	20428   LA PE   03/31/2024	Discipline	Civil		
Contract role(s) / brief description of responsibilities:					



Mr. Kantner will serve as Design Manager. He fulfills Minimum Personnel Requirement #6.

Experience dates	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time years of
[mm/yy-mm/yy]	experience specified in the applicable MPR(s).

With over 45 years of transportation/utility experience, Mr. Kantner joined Volkert in 2017 to help manage the design review process as part of the Volkert Oversight Verification Team (OVT) assigned to multiple Louisiana Department of Transportation Design-Build and P3 projects. He has in-depth experience in the review and evaluation of roadway design, utility data evaluation and conflict review analysis. Mr. Kantner began his career in Baton Rouge as a highway engineer with HNTB. He continued his career in transportation engineering with firms in Orlando, FL before joining the Georgia DOT in 1997. He served as the Georgia DOT District 1 Utility Engineer for 4 years managing multiple utility relocation processes including utility coordination, relocation plan review and construction conflict resolution. Prior to this role, Mr. Kantner served as the District Design Engineer responsible for all District 1 road design projects and design office resource management. After his GDOT tenure, he continued in a consultant utility coordination/review role with AMEC Foster Wheeler serving the GDOT District 1 Utility Office. Mr. Kantner's certificaitons include:

П		
	▼ ATSSA Certified Traffic Control Supervis	sor ▼ ATSSA Certified Traffic Control Technic

09/21 - Ongoing	Manager responsible for management support of the design review process for project submissions by the CMAR (Construction Management at Risk) Design Team. This assignment involves processing the workflow of project plan and document reviews in the Prime contractor's program management applications (InEight and Blue Beam Revu) to acceptance/approval. This assignment also includes compiling and transmitting all submission review comments for evaluation by both the CMAR Team and LDOTD staff. Volkert is responsible for providing select Engineering Design and Construction Support services for the I-10 CMAR Project which provides for reconstruction of I-10 WB and EB to add a lane in each direction and modify interchange ramps to support the roadway widening. As an LDOTD Support Team, Volkert provides guidance and support to the LADOTD Project Manager prior to and during reviews, attends project meetings, and addresses other assignments as directed. CEI services will be provided as construction contracts are awarded.   State Contract No. 4400021740, S.P. No. H.004100.
09/20 - Ongoing	I-10 & I-12 Interchange Modifications: I-10 & I-12 College Drive Flyover Ramp, East Baton Rouge Parish (LADOTD). Mr. Kantner serves as the Deputy Project Manager responsible for coordination of the design review process for project submissions by the Design Build Team. This assignment involves managing the workflow of reviews to acceptance/approval. Volkert is responsible for providing all Engineering Design and Construction Support services including implementation of the Construction Quality Assurance Plan for the I-10 & I-12 Interchange Modification Design-Build Project which provides for reconstruction of I-10 WB and I-12 WB and the addition of a new I-12 WB ramp to College Drive. This includes the development of an IMR, construction plans, bridge replacement plans, and project staging plans. As the OVT, Volkert provides guidance and support to the LADOTD Project Manager prior to and during reviews, develop review comments, attend project meetings, ensure that the DBT adheres to their contract, and address other assignments as directed.   State Contract No. 4400019680, S.P. No. H.013897.



Firm employed by: Volkert, Inc.	
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 years of experience specified in the applicable MPR(s).).
02/20 - Ongoing	LA 23: Belle Chasse Bridge and Tunnel (HBI) Improvements, Plaquemine Parish (LADOTD). Mr. Kantner serves as the Deputy Project Manager responsible for coordination of the design review process for project submissions by the P3 Team. This assignment involves managing the workflow of reviews to acceptance/approval. Volkert is responsible for providing all Engineering Design and Construction Support services including implementation of the Construction Quality Assurance Plan for the Belle Chasse Bridge & Tunnel Public Private Partnership (P3) Project which provides for the replacement of the Belle Chasse Tunnel and Judge Perez Lift Bridge with a new toll bridge. This includes the development of construction plans, bridge replacement plans, decommissioning of the Tunnel and development of O&M plans. As the OVT, Volkert provides guidance and support to the LADOTD Project Manager prior to and during reviews, develop review comments, attend project meetings, ensure that the DBT adheres to their contract, and address other assignments as directed.   State Contract No. 4400018899, S.P. No. H.004791.
05/19 - 09/22	I-220/I-20 Interchange Improvements to BAFB Access Design-Build, Bossier Parish, LA (LADOTD). Mr. Kantner served as the Deputy Project Manager responsible for coordination of the design review process for project submissions by the Design-Build Team. This assignment involved managing the workflow of reviews to acceptance/approval. He was responsible for all design oversight on this \$71.8M Design-Build project. The I-220/I-20 Interchange Improvement and BAFB Access project in Bossier Parish consisted of the extension of I-220 to the south over I-20 as a limited access 4-lane arterial to a new terminus on Barksdale Air Force Base (BAFB) and included construction of four interchange ramps providing interchange connectivity for the new access road. The project included the construction of two sets of bridge structures, one set for the I-20 over pass and the second set for the overpass of the KCS RR. The project terminus will tie to a BAFB roadway project creating a new access location for the base.   State Contract No. 4400004915 TO 5, S.P. No. H.003370.
07/18 - 06/20	Causeway Shoulder Bay Design, Jefferson and St. Tammany Parishes, LA (Greater New Orleans Expressway Commission). Mr. Kantner served as one of the project design team members. Volkert was selected to design essential and long-awaited shoulder additions. The bridge shoulders, comprising 12 shoulder bays will provide a safe space for disabled vehicles to pull over out of traffic in the event of an emergency. Mr. Kantner's specific tasks included: design of traffic control plans, signing and marking plans, quantity plans and notes, coordination of lighting and ITS plans. Mr. Kantner also aided with plan revisions during construction and responding to contractor requests for plan clarifications. This project was executed using the Construction Manager at Risk (CMAR) alternative delivery method.
03/18 - 02/19	I-220 to Barksdale AFB Connector Design-Build - Procurement, Bossier Parish, LA (LADOTD). Mr. Kantner completed preliminary construction cost estimates, reviewed preliminary engineering layouts from the DOTD to help assess impacts, constructability, design issues. He also helped produce the Performance Specifications, worked with DOTD staff in each category for project specific design issues to be addressed. Mr. Kantner also assisted in the preparation of the Public Information Meetings and the One-on-One meetings with the shortlisted Design-Build teams.   State Contract No. 4400004915 TO 5, S.P. No. H.003370.



Firm employed by: Volkert, Inc.					
Ray Robert, Jr.   Environmental Permitting/Hazardous Conditions		Years of relevant experience with this employer		1	
			Years of relevant experience with other employer(s)		35
Degree(s) / Years / Specialization		MS   1987   Geology BS   1980   Geology	Year registered	N/A	
Active registration number / state / expiration	n date	N/A	Discipline	N/A	
Contract role(s) / brief description Mr. Robert will provide any reviews		consibilities: E requirements for staff and any consulting as need	ed in relation to the hazardous sites located o	on the pr	roject.
Experience dates [mm/yy-mm/yy]		nce and qualifications relevant to the proposed contract; i.e., "designed nce specified in the applicable MPR(s).	drainage", "designed girders", "designed intersection", etc.	Experience	dates should cover the time years of
risk assessment, and hazards comm	unication paration.  Contra	Senior Geologist with 31 years of experience specializing on. He has been actively involved in and responsible for son; regulatory agency / client interfacing; and project accordance of the control of	ite assessments; monitoring well installations; accounting. His responsibilities include office and per	quifer tes rsonnel m Orders 44	ting; remediation system design, nanagement, data evaluation and 400017274 – Removal Actions,
	Remedial Actions, and Support Services for the Remediation Division; 2000430545 - Marco/Stevens Sites Interim Corrective Actions for the Remediation Division; and 4400009350 - Removal Actions and Remedial Services for the USTRD.			ective Actions for the Remediation	
	Performed asset condition and environmental due diligence assessments for Texas Petroleum Investment Company acquisition of 18 onshore and offshore oil and gas production fields across Louisiana. The work included developing cost estimates of environmental liability associated with the acquisitions.				
	Conducted soil sampling and data interpretation for permeability testing at the Texas Petroleum Investment Company Romere Pass facility and developed risk probability for legacy crude release migration onto surrounding national wildlife refuge.				
		ieologist and Project Manager responsible for performing porting, recovery system optimization, and regulatory age			
Lead Geologist / Project Manager overseeing UST removal and closure activities, waste disposal, soil and groundwater assessment, and regulatory agence interfacing at various Diamond Shamrock/Valero UST sites in Louisiana.					



Firm employed by: C.H. Fenstermaker & Associates, L.L.C.				
Chris Guidry   Manager, Environmental Sp	Years of relevant experience with this employer		25	
	managor, announce operation			2
Degree(s) / Years / Specialization	BS  1986  Environmental and Sustainable Resources	Year registered	N/A	
Active registration number / state / expiration date	N/A	Discipline	Environ Permitti	mental ing Review



Contract role(s) / brief description of responsibilities:

Chris will provide permitting support and review as required for this project.

Mr. Guidry's experience primarily consists of environmental compliance and securing federal, state, and local permits. Mr. Guidry's duties include overall project management and field investigation support for Environmental Due Diligence projects. He also manages Phase I Environmental Site Assessment projects for commercial and private development clients. Mr. Guidry has prepared Storm Water Pollution Prevention Plan manuals and conducted inspections for construction activities associated with pipeline projects as required by the Environmental Protection Agency's (EPA) National Pollutant Discharge Elimination System (NPDES) Storm Water Multi-Sector General Permit. Mr. Guidry also has experience in Wetland Delineations, Wetland Characterization, Wetland Damage Assessment, Wetland Permitting, and Environmental Project Management. He has secured mitigation contracts from approved Wetland Mitigation Banks, which offset wetland impacts because of wetland permits that are issued by the US Army Corps of Engineers and the Department of Natural Resources Coastal Management Division.

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 years of experience specified in the applicable MPR(s).
08/10 - 05/15	Kaliste Saloom Road Widening, Intersection Improvements, Bridge and CE&I (LA3073 to LA733) (Amb. Caffery to E. Broussard Rd) (Lafayette Parish, LA) Fenstermaker was selected to perform engineering design services for the roadway construction of approximately 2 miles of a 5-lane concrete roadway, a 5-lane bridge over the Isaac Verot Coulee, and a multilane modern roundabout at the intersection of E. Broussard Road and Kaliste Saloom Road. Fenstermaker provided construction administration, including contractor payments and necessary change orders, and inspection services were provided daily. Additionally, Fenstermaker performed engineering design services for the relocation of all water and sewer utilities within a 2-mile section of Kaliste Saloom Road. This section of roadway was considered a densely populated, high traffic project site. Fenstermaker prepared construction drawings for three phases which consisted of widening the road to a multi-lane roadway section, utility relocation, and drainage outfalls. Mr. Guidry reviewed the wetland delineation report, permitting maps, and permit applications.
02/15 - 05 /17	Sasol LCCP-Heavy Haul Road Engineering and Construction (LA378 & LA379) (Calcasieu Parish, LA) Mr. Guidry's responsibilities included overall environmental project management and Permit Agent for Fenstermaker's \$11.4 million engineering and consulting contract with Fluor. Permits acquired include securing railroad, State Highway, and Parish Road Crossing Permits.
04/15 - 04/18	Coach Williams Boulevard Extension (Calcasieu Parish, LA) Mr. Guidry's responsibilities included overall environmental project management, QA/QC of collected wetland delineation data, report preparation, and permit agent. Permits acquired include securing USACE Jurisdictional Determination and USACE Permits for jurisdictional wetland and water impacts.
01/15 - 01/17	I-10: E JCT I-49 to Atchafalaya Floodway (Lafayette & St. Martin Parishes, LA) Fenstermaker conducted a routine wetland delineation. The proposed project required pavement rehabilitations and additional travel lanes along I-10, from the east junction of LA HWY 328 continuing eastward to the Atchafalaya Floodway Bridge. The wetland delineation was limited to the existing road ROW. Mr. Guidry served as the project manager for this wetland delineation.



Firm employed by: C.H. Fensterm	Firm employed by: C.H. Fenstermaker & Associates, L.L.C.				
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 years of experience specified in the applicable MPR(s).].				
04/12 - 10/12	Widening US 84 from LA 772 to East of Hair Creek Bridge EA (LaSalle Parish, LA) Mr. Guidry directed the field wetland delineation, report production, data organization and processing, and wetland boundary map development for this environmental assessment under NEPA standards.				
05/10 - 11/10	<b>LADOTD Northwest Louisiana Council of Governments Wafer Road Extension (Bossier Parish, LA)</b> Mr. Guidry's responsibilities included field wetland delineation, project management and wetland report production, data organization and processing, and wetland boundary map development for this environmental assessment under National Environmental Policy Act (NEPA) standards.				
06/14 - 11/15	Lake Charles LNG Traffic Impact Analysis and Road Improvements (LA384 & LA385): LADOTD Permit No. 153351, 153352, 153353 (Calcasieu Parish, LA) Mr. Guidry was the environmental project manager for this proposed road improvement project (Calcasieu Point Development) for W Lincoln RD and LA385 located in the Coastal Zone of Louisiana, south of Lake Charles. Mr. Guidry's responsibilities included overall environmental project management, QA/QC of collected wetland delineation data, report preparation, and permit agent. Permits acquired include securing a US Army Corps of Engineers (USACE) Jurisdictional Determination, USACE Permit, and LDNR Office of Coastal Management (OCM) permit for jurisdictional wetland and water impacts.				

Firm employed by: C.H. Fenstermaker & Associates, L.L.C.							
Joey Runner, PWS   Manager, Environment	Years of relevant experience with this employer		4				
	Years of relevant experience with other employer(s)		11				
Degree(s) / Years / Specialization	BS  2003  Biology	Year registered	N/A				
Active registration number / state / expiration date	N/A	Discipline	Environ Permitti	mental ing Review			



Joey will provide permitting support and review as required for this project.

Mr. Runner has extensive experience in wetland delineations, CWA Section 404 permitting, coastal zone management permitting, migratory bird surveys, and environmental site assessments. He also has experience in performing endangered species surveys, wildlife management plans, large-scale wetland and vegetation mapping projects, large-scale linear pipeline projects, and regulatory permitting for oil and gas activities. Mr. Runner works with many local agencies such as the U.S. Department of the Army Corps of Engineers (COE), U.S. Environmental Protection Agency, U.S. Department of Interior Fish and Wildlife Service, Louisiana Department of Natural Resources, Louisiana Department of Wildlife and Fisheries, and the Texas Parks and Wildlife Department.

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 years of experience specified in the applicable MPR(s).
12/18 - 12/20	Lake Charles Regional Airport 69 Acre Tract Wetland Delineation, Report, Jurisdictional Determination & Permits (Calcasieu Parish, LA)  The Lake Charles Regional Airport needed to remove obstruction of trees near the runways on approximately 69 acres. The proposed tree clearing area required the completion of a routine wetland delineation. The delineation consisted of walking the area, identifying the wetlands, mapping the wetland and non-wetland boundaries, and recording vegetation, soils, and hydrology data. Mr. Runner served as senior environmental specialist/lead delineator for this project.
09/18 - 03/20	S.P. No. H.009932 US 80 Widening: Vancil Road to Well Road Environmental Assessment (Ouachita Parish, LA) Mr. Runner is serving as the Wetland and Threatened & Endangered Species Analyst for this Environmental Assessment which serves to improve the corridor by widening the existing roadway and implementing intersection improvement principles along a 1.4-mile portion of US 80. He has coordinated wetland and threatened and endangered species field delineations and analyzed impacts to wetlands and threatened and endangered species. He assisted in the development of a report for approval to LADOTD summarizing the findings of the analyses, in accordance with NEPA.
05/22 - Ongoing	Horus Energy - Sulphur Solar Farm Project (Calcasieu Parish, LA) For this proposed 2402-acre solar farm located in Calcasieu Parish, Fenstermaker was tasked with conducting a Wetland Delineation and Threatened and Endangered Species Survey. Upon successful completion of these two field tasks, Fenstermaker will obtain all necessary regulatory permits and a jurisdictional determination for any wetlands/water of the U.S. that the proposed solar farm will impact. Mr. Runner was the client manager, project manager, and lead field biologist for this project.
03/22 - 08/22	Jeff Davis Electric Co-Operation (Calcasieu and Cameron Parishes, LA) Fenstermaker conducted a wetland delineation for a 108.4-mile powerline Right-of-Way for a 230kV transmission line replacement in Calcasieu and Cameron Parishes. Fenstermaker was a subconsultant to the design engineer for this project. Mr. Runner was the client manager, project manager, and lead field biologist for this project.



Firm employed by: C.H. Fenstermaker & Associates, L.L.C.				
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 years of experience specified in the applicable MPR(s).).			
11/18 - 11/18	Red Davis McCollister Road and South Park Drive Roundabout (Calcasieu Parish, LA) Red Davis McCollister Rd. and S. Park Dr. are classified as Urban Collectors. The intersection was controlled with stop signs on Red Davis McCollister. Based on crash reports, many drivers traveling through the intersection mistook the intersection as a four-way stop. Between 2009 and 2017, there was a total of 26 collisions at the intersection. Fenstermaker was contracted to provide professional engineering design and planning services for a roundabout at the intersection. Mr. Runner was responsible for the wetland delineation field preparation, data processing, and report and map preparation.			
11/20 - 03/21	Farm Road Bridges Project (Calcasieu Parish, LA) Fenstermaker provided professional engineering services related to the replacement of two (2) timber bridges located on Farm Road between LA 397 and Manchester Road, just east of Lake Charles and southeast of the Chennault International Airport. The project's scope consisted of professional surveying, roadway and bridge design, hydrologic and hydraulic analysis, wetland delineation and USACE permitting, geotechnical investigations, load rating determination, dynamic pile monitoring and vibration monitoring services, utility coordination, right-of-way surveying, title work, right-of-way plat preparation, and construction phase services. Mr. Runner performed the wetland delineation, reviewed the wetland delineation report, and finalized and submitted the report to USACE.			
02/23 - 06/23	Permit Renewal for the Louisiana Avenue Regional Detention Facility (Calcasieu Parish, LA) Fenstermaker reviewed the environmental permit for Calcasieu Parish Police Jury's Louisiana Avenue Regional Detention Basin. The project is currently under construction. Mr. Runner was responsible for preparing the LDEQ Notice of Extension (NOE), preparing the threatened and endangered species (T&E) report, and finalizing and submitting the permit package. He also provided the Parish with updates on the status of the permit.			
09/21 - 10/22	Southern University Ravine Project (East Baton Rouge Parish, LA) The United States Army Corps of Engineers (USACE) issued a Technical Assessment Report that identified two areas of concern related to slope and bank erosions at Southern University. This project focused on ravine mitigation measures and included improving the bank erosion and outfall structure and addressing the retaining wall deterioration and stability concerns. As a sub consultant to Huval & Associates, Inc., Fenstermaker provided numerical modeling, field drone and laser scanning, and environmental permitting services for the project. Mr. Runner was responsible for managing and coordinating the wetland delineation field work, processing the field data, and preparing the delineation report. Mr. Runner also assisted with preparing the Jurisdictional Determination documentation.			



Firm employed by: Volkert, Inc.					2	
Micah Fremin, R/W-RAC   ROW Manager		Years of relevant experience with this employer	employer			
·		Years of relevant experience with other employer(s)		16		
Degree(s) / Years / Specialization		BA   1995   Management	Year registered	N/A		
Active registration number / state / expiration of	date	N/A	Discipline	N/A		
Contract role(s) / brief description of Mr. Fremin will review any Right of Mr.		oonsibilities: ubmittals including acquisition and relocation plans	and appraisals or appraisal reviews.			
·		nce and qualifications relevant to the proposed contract; i.e., "designed nce specified in the applicable MPR(s).	drainage", "designed girders", "designed intersection", etc.	Experience	e dates should	cover the time years of
land acquisition as well as land apprai	sal an	ring property for projects implemented under the provision direlocation assessments for business and residential problems R/W-RAC from the International Right-of-way Associates	operties. His has proven ability to manage large			
f	or the new ali nighwa	Road Realignment East Baton Rouge Parish, LA (B. Plank Road Relocation project. Volkert is providing designment. This is project is to relocate Plank Road along any with J-turns. It also includes ROW acquisition and all the and new signalized intersection.	n, environmental permitting, and ROW acquisition In new alignment. The project includes ROW acqu	n for the isition an	relocation of all the de	of Plank Road on a sign for a new 4 lane
F # # # # # # # # # # # # # # # # # # #	Project Assura and Ju Tunnel develo	Belle Chasse Bridge and Tunnel (HBI) improvement. Volkert is responsible for providing all Engineering Designate Plan for the Belle Chasse Bridge & Tunnel Public Prividge Perez Lift Bridge with a new toll bridge. This includes and development of O&M plans. As the OVT, Volkert will preview comments, attend project meetings, ensure that	gn and Construction Support services including rate Partnership (P3) Project which provides for the development of construction plans, bridge re provide guidance and support to the LADOTD Provide the DBT adheres to their contract, and address	implemer the replace eplaceme oject Mar other ass	ntation of the cement of the ent plans, de nager prior to signments a	he Construction Quality the Belle Chasse Tunnel ecommissioning of the to and during reviews, as directed.
1		state Agent for the LADOTD   Negotiated with property ow es. Also managed acquisitions under the TIMED program,			ts including	expropriation support
1		nia High-Speed Rail Authority, Fresno, CA  Coordinated re on to local public agencies. (36 parcels)	elocation services, file audits and QA/QC for the	California	a High-Spee	d Rail Authority in
I I		nia High-Speed Rail Authority, Fresno, CA   Relocated cor ity. (87 parcels)	mplex business and mixed-use residential prope	rties for tl	he Californi	a High-Speed Rail
1		Department of Transportation, Austin, TX   Acquired and rcels).	relocated business and residential properties fo	rthe Texa	as Departmo	ent of Transportation.



Firm employed by: C.H. Fenstermaker & Associates, L.L.C.							
Travis Bodin, MBA, PLS, PMP   Land Surveying		Years of relevant experience with this employer		18			
		Years of relevant experience with other employer(s)	s of relevant experience with other employer(s)				
Degree(s) / Years / Specialization	MBA   2021   Business Administration BS   2004   Industrial Technology	Year registered	2011				
Active registration number / state / expiration date   5067   LA   3/31/2024   Discipline   Survey		Survey					
Contract role(s) / brief description of responsibilities:							

Travis will review and comment as needed on survey related submittals including the right of way of the interstate as well as parcel right of way surveys Travis Bodin, MBA, PLS, PMP has extensive surveying, management, and coordination experience. He has served as the Lead Professional Land Surveyor for projects across Louisiana. His responsibilities have included the management of surveying/ROW services, utility relocation coordination, coordinating with parish, state, and federal agencies and sub-consultants, cost estimating, scoping, scheduling and planning, resource management, and construction management services. With his background in surveying and project management, Mr. Bodin has performed and participated in multi-million-dollar projects consisting of large scale topographic and bathymetric surveys, development of high accuracy GPS networks, landowner notification and documentation, the development of DTM, infrastructure documentation, GIS integration, and process and procedure development. Mr. Bodin has conducted management duties for both field and office activities on survey and engineering projects.

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 years of experience specified in the applicable MPR(s).
07/13 - 08/15	S.P. No. H.010620: US 90 (I-49 South) Albertson Pkwy to Ambassador Caffery Design-Build (Lafayette Parish, LA) Fenstermaker was the Design Engineer for the James Construction. Mr. Bodin was the Surveyor responsible for managing and reviewing all topographic surveying provided by the subconsultant, CD&C, on the improvements to the roadway. Some of the main elements of the six-lane mainline roadway project include an overpass at the Burlington Northern Santa Fe Railway, a grade separation at Albertson's Pkwy and improved connectivity between US 90 and LA 182.
12/08 - 07/18	Kaliste Saloom Road Widening, Intersection Improvements, Bridge, and CE&I (LA 3073 to LA 733) (Amb. Caffery to E. Broussard Rd) (Lafayette Parish, LA) Mr. Bodin served as the Surveyor Project Manager. Fenstermaker performed the topographic survey of all cross street and road tie-ins, cross sections for the purpose of an existing elevation DTM and parcel boundaries effected by the ROW. Mr. Bodin was responsible for field crew coordination, topo/boundary surveys, ROW plats, monuments, data processing, plats, and legal descriptions.
09/13 - 01/19	Sasol LCCP-Heavy Haul Road Engineering and Construction (LA378 & LA379) (Calcasieu Parish, LA) Mr. Bodin served as the Lead Surveyor in providing topographic, boundary, and route surveying to aid in the coordination with public and state agencies for the construction of a 2.4-mile roadway. Services include mapping for the acquisition of agreements between Sasol and third-party utilities, platting for acquisition and dedication of property needed for various construction activities and state agencies, and Quality Control services of construction activities that were conducted which included monument review and location mapping. Mr. Bodin was responsible for field coordination, data processing, ROW generation, servitude and ROW mapping and topo surveys.
04/15 - 02/19	Coach Williams Boulevard Extension (Calcasieu Parish, LA) The Coach Williams Boulevard Extension in Calcasieu Parish, LA is a \$20 million project that involves the design of a 3-mile roadway. The new roadway will be a 2-lane open ditch typical section, which will feature a roundabout, a railroad crossing, and a Sabine River Authority Canal crossing. The project will pass through several wetland areas. Mr. Bodin is the Project Manager and Lead Surveyor for



Firm employed by: C.H. Fenstern	naker & Associates, L.L.C.
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 years of experience specified in the applicable MPR(s).).
	the project, responsible for coordinating the abstracting, topographic survey, and generation of all right of way and servitude plats.
02/13 - 03/17	Ham Reid Road Roundabout & Extension (Calcasieu Parish, LA) This project involves professional engineering design and planning services related to the improvement of intersection on Nelson Road at Ham Reid Road. Mr. Bodin was responsible for the Topographic Surveying and ROW Plats.
05/17 - 10/17	US 80 Widening: Vancil Rd to Well Rd EA (Ouachita Parish, LA) Mr. Bodin served as the Survey Manager for this Environmental Assessment to improve the corridor by widening the existing roadway and implementing intersection improvement principles along a 1.4-mile portion of US 80. He assisted with GIS mapping, utility identification, and LIDAR mapping.
07/14 - 10/17	Lake Charles LNG Traffic Impact Analysis and Road Improvements including CE&I (LA384 & LA385) (Calcasieu Parish, LA) Fenstermaker was contracted by Trunkline LNG for their plant expansion, drainage analysis and channel relocation project. Fenstermaker completed a detailed HEC-RAS model to determine the impacts of rerouting a major drainage channel that traversed the proposed expansion site. Mr. Bodin was responsible for DTM generation and establishing the project controls. He was also responsible for the coordination of utilities and survey field activities, as well as processing all the data collected.
11/18 - 05/19	Farm Road Multi-Bridge Replacement (Calcasieu Parish, LA) Fenstermaker was contracted by Calcasieu Parish Police Jury to provide professional engineering services related to the replacement of two (2) bridges located on Farm Road. Mr. Bodin assisted with survey crew coordination, the review of data collection and boundary surveys.
05/19 - 03/21	S.P. H.005967 Port of Lake Charles Rail at W. Sallier St. (Calcasieu Parish, LA) Fenstermaker completed the topographic and boundary surveys, established control, processed data, reviewed title reports, established property boundaries, and mapped encumbrances for the ~0.75 miles Railroad Relocation. LADOTD survey feature codes were utilized for this project, and LADOTD right-of-way maps along with COGOWIN legal descriptions were created. Mr. Bodin served as Project Principal and performed quality assurance and quality control tasks for this project.
04/18 - 07/19	<b>Driftwood LNG - Master ALTA Survey (Calcasieu Parish, LA)</b> Fenstermaker was contracted by Driftwood LNG to generate the overall ALTA survey, following the provided commitment for title insurance for the project site, consisting of approximately 11,000 acres. These tasks included reviewing title reports and 500+ title exceptions, research for additional information needed to map the boundaries within the site, managing survey field crews, utility coordination, and plat generation. Mr. Bodin served as the Project Manager.



Firm employed by: C.H. Fenstermaker & Associates, L.L.C.						
Bradford Millett, PLS, El   Surveyor I		Years of relevant experience with this employer		10	-	
		Years of relevant experience with other employer(s)		0		
Degree(s) / Years / Specialization	BS   2014   Civil Engineering	Year registered	2020 2016			
Active registration number / state / expiration date	5245   LA   3/31/2025 32848   LA   9/30/2024	Discipline	Surveyo	sional Land or er Intern		

Bradford will review and comment as needed on survey related submittals including the right of way of the interstate as well as parcel right-of-way surveys.

Ms. Millett is a Professional Land Surveyor at Fenstermaker whose responsibilities consist of field crew coordination, data collection and processing, preliminary layout and design of boundary and right of way plats, ALTA surveys and Development and Planning subdivision platting process. Her experience also includes project management as well as public meetings, client relations, utility coordination, and other components associated with surveying services. Ms. Millett is also responsible for the preparation of proposals for the Engineering, Advanced Technologies and Surveying Divisions.

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 years of experience specified in the applicable MPR(s).
07/13 - 09/17	Kaliste Saloom Road Widening, Ambassador Caffery Pkwy to E. Broussard Rd, (Lafayette Parish, LA) – Fenstermaker was responsible for the widening of approximately two miles of Kaliste Saloom Road, a highly congested major arterial roadway located in the center of the City of Lafayette, Louisiana. The project was then split into three phases to include drainage outfall construction, utility relocations, and roadway construction. Fenstermaker is the direct responsible charge of all design components and construction management for improvements. Ms. Millett assisted with topographic and boundary surveying, utility relocation, right of way plats, drainage design, as-built surveys, and coordination of survey crews in the field for Phases 3A and 3B.
05/13 - 02/20	US 90 (I-49 South) Albertson Pkwy to Ambassador Caffery Design-Build (Lafayette Parish, LA) This project was a proposed upgrading of a portion of US 90 in Lafayette Parish to a six-lane controlled access facility to also include improvements to the existing east and westbound frontage road system, construction of a new six-lane US 90 overpass structure over both Albertson Parkway and the existing Burlington Northern Santa Fe Railway facility, and construction of all associated US 90 mainline ramps needed to connect these overpass structures and frontage roads. Ms. Millett was responsible for reviewing all LADOTD right-of-way maps.
09/13 - 10/19	Sasol LCCP-Heavy Haul Road (LA378 & LA739) (Calcasieu Parish, LA) This was a \$12.9 million contract with Fluor for engineering and consulting services which include the design of a 1.5-mile heavy haul route that will be utilized to transport oversized modules from the Calcasieu River to the proposed plant site in Westlake, Louisiana. Ms. Millett was responsible for topographic and boundary data collection and data processing, as well as the generation of Louisiana Department of Transportation and Development Right of Way Maps for the 1.5-mile corridor to acquire servitudes and right of ways. She was also in charge of utility coordination for the relocation of AT&T lines throughout the route.
05/17 - 07/22	LA 675 Roundabout at ARA Access Roadway (Iberia Parish, LA) Fenstermaker is preparing construction plans and acquisition documents for the LA 675 Roundabout at Acadiana Airport Access Roadway in Iberia Parish. ARA Access Road will be extended to the south to connect to LA 675. The roundabout will be constructed at this connection. Reconstruction of the US Frontage Road will also be completed. Ms. Millett served as the lead surveyor and coordinated all survey services for the project.



Firm employed by: C.H. Fenstern	naker & Associates, L.L.C.
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 years of experience specified in the applicable MPR(s).).
04/15 - 2/19	Coach Williams Blvd. Extension (Calcasieu Parish, LA) This project consisted of engineering design services for the construction of the extension of Coach Williams Drive to connect to Houston River Road (LA 379). Fenstermaker is the prime on this project and is responsible for the environmental assessments prior to design, drainage design, pavement design, and the geometrics of the road. In addition, Fenstermaker conducted the surveying required to design the road. Ms. Millett's responsibilities included coordinating and reviewing appraisal reports and plats, coordinating all the topographic and boundary surveys, processing data and coordinating with utility companies within the proposed route.
10/13 - 01/14	LA 3002: U-Turn (Livingston Parish, LA) Fenstermaker was responsible for the improvements made for a J-Turn between North Range Road and South Range Road (LA 3002). Ms. Millett coordinated with the Fenstermaker survey crews to perform topographical survey, boundary survey, and utility relocation. Ms. Millett also assisted the Project Surveyor with the review of title research and right of way maps and processed the survey data.
06/14 - 03/17	East Pont Des Mouton Road Widening & Water/Sewer Design (Lafayette Parish, LA) Fenstermaker was selected to perform engineering design services for the construction of a 1.4-mile four-lane divided curb and gutter roadway with raised median (boulevard section), sidewalks, subsurface drainage, and street lighting. The improvements replaced an existing 2-lane roadway of East Pont des Mouton Road. Ms. Millett completed the required topographic and as-built survey, as well as boundary surveys and right of way plats, as needed.
05/15 - 11/21	Ham Reid Road Extension (Calcasieu Parish, LA) Ham Reid Road is a two-phase, \$14.25 million construction project that includes a unique 1-mile asphalt roadway corridor, incorporating walkability and green infrastructure. The corridor includes a 2-lane (1-lane in each direction with a median) boulevard section with a roundabout located at the intersection of Ham Reid Road and LA 384/Nelson Road. Ms. Millett was responsible for creating survey exhibits, processing survey data, and setting up and updating the project's Falling Weight Deflectometer (FWD) tests.

Firm employed by: C.H. Fenstermaker & Associates, L.L.C.						
Pat Landry, PE, PLS   Utilities		Years of relevant experience with this employer		2		
		Years of relevant experience with other employer(s)		36		
Degree(s) / Years / Specialization	MS  1989  Civil Engineering BS  1984  Civil Engineering	Year registered	PE: 198 PLS: 19			
Active registration number / state / expiration date	23442   LA PE   9/30/2023 4822   LA PLS   9/30/2023	Discipline	Civil Eng Land Su	_		



Pat will support the Utility Coordination as needed and will serve as an assistant project engineer as needed.

Pat Landry, P.E., PLS is a highly experienced construction administrator, inspector, professional engineer, and professional land surveyor. During his 36 years of employment at the Louisiana Department of Transportation and Development (LADOTD), he reached the level of Engineer 9 – District Engineer Administrator. In this role, he was responsible for planning, managing, directing, and evaluating the district engineering functions serving five parishes in the southwest portion of the state, namely Calcasieu, Allen, Beauregard, Cameron, and Jefferson Davis. He was also the appointing authority responsible for supervising a staff of professional, multi-disciplined engineering supervisors, paraprofessional, and technical engineering employees, which included 6 direct reports and 24 indirect reports for a total of 30 funded TO positions. Mr. Landry's extensive experience and expertise have been instrumental in the successful operation and maintenance of the transportation network in several parishes. He has worked closely with local municipalities, including the City of Lake Charles, the City of Sulphur, the City of Westlake, and Calcasieu Parish Police Jury, to coordinate various projects. He has also overseen right-of-way acquisition processes and utility relocations due to proposed project limits. Mr. Landry has performed various construction administration services, including coordinating with contractors, multiple governmental agencies, and landowners. He has also reviewed construction material submittals, geotechnical QA tests, and inspector reports.

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 years of experience specified in the applicable MPR(s).
03/21 - Ongoing	Ham Reid Road Extension (Calcasieu Parish, LA) This is a two-phase, \$14.25M construction project that includes a unique 1-mile asphalt roadway corridor, incorporating walkability and green infrastructure. The corridor includes a 2-lane (1-lane in each direction with a median) boulevard section with intersection improvements including roundabouts. Access management and connection to local roads were considered during the project layout. Mr. Landry is responsible for reviewing construction plans, providing construction administration, supervising inspection, and coordinating utility relocation and conflict resolution.
03/21 - Ongoing	Coach Williams Blvd Extension (Calcasieu Parish, LA) This project consists of the design of a \$20 million – 3-mile roadway extension of Coach Williams to connect to Houston River Rd (LA 379). The new roadway includes a two-lane open ditch typical section with a roundabout, railroad crossing, Sabine River Authority Canal crossing, and will traverse through multiple wetland areas and will traverse over abandoned borrow pits. Mr. Landry is responsible for reviewing construction plans, providing construction administration, supervising inspection, and coordinating utility relocation.
03/21 - 04/21	Red Davis McCollister Road and South Park Drive Roundabout (Calcasieu Parish, LA) This project consists of improving a four-way existing intersection with a single lane roundabout at the intersection of Red David McCollister Road and South Park Drive in Calcasieu Parish. Mr. Landry conducted a Constructability Plan Review, ADT, ESAL, and Pavement Design Verification.



Firm employed by: C.H. Fensterm	Firm employed by: C.H. Fenstermaker & Associates, L.L.C.				
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 years of experience specified in the applicable MPR(s).).				
05/21 - Ongoing	CPPJ Farm Road Multi-Bridge Replacement and Roadway Improvement Project (Calcasieu Parish, LA) This project consists of replacing two existing timber bridges located along Farm Road in Calcasieu Parish with CON/SPAN structures, design of roadway improvements for an existing limestone roadway, mill and overlay of existing asphalt roadway, and design of drainage elements such as open ditches and driveways culverts. The bridge structures were required to be designed in accordance with LADOTD Off-System Bridge Design requirements. Mr. Landry was responsible for construction administration and management tasks such as reviewing drawings, responding to requests for information (RFIs), conducting site visits, reviewing submittals, and estimating quantities.				
02/22 - Ongoing	(2019) City of Lake Charles Sidewalk Projects (Calcasieu Parish, LA) The sidewalk project involved the design of five separate sidewalk location along existing streets within the city of Lake Charles which included the installation of subsurface drainage and a retaining wall. This project consisted of identifying utility conflicts, following Americans with Disabilities Act (ADA) standards for walking paths, and both City of Lake Charles and DOTD engineering design standards. Mr. Landry was responsible for construction administration and management tasks such as responding to requests for information (RFIs), conducting site visits, reviewing submittals, preparing progress reports, and estimating quantities.				
06/21 - Ongoing	Old Spanish Trail and Evergreen Road Intersection Phase II (Calcasieu Parish, LA) Fenstermaker provided engineering design services for Sasol Chemicals (USA) LLC's required improvements to the intersection of Old Spanish trail and Evergreen Road in Calcasieu Parish. The improvements included an additional dedicated turn lane and drainage improvements. Mr. Landry was responsible for the project's construction administration and management.				
02/22 - Ongoing	2021 CPPJ Overlay Phase 1A (Calcasieu Parish, LA) Calcasieu Parish Police Jury selected Fenstermaker for an overlay project on approximately 10.78 miles of roadway within the Metropolitan Planning Organization (MPO) for the greater Lake Charles area. The project's goal was to repair (milling and surfacing) the following roads: W. Houston River Road, Patton Street, LA 384 (Big Lake Road/Country Club Road), Elliott Road, Ihles Road, and Broad Street. Mr. Landy is providing construction administration services for this project and has performed quality assurance and quality control review for plans, project schedules, and estimates.				
08/14 - 02/18	<b>LADOTD:</b> Assistant District Administrator of Engineering Appointing authority responsible for planning, managing, directing, and evaluating the district engineering functions serving 5 parishes in the southwest portion of the state. I supervise a sta of professional, multi-disciplined engineering supervisors, paraprofessional, and technical engineering employees (6 direct reports/24 indirect reports for a total of 30 funded TO positions). The district engineering unit is comprised of: District Design and Plan Delivery, Water Resources, District Material Laboratory Testing, District Right-of-Way Permits, Project Permit Construction Management, Utility Relocation, Rail-Road Crossing Construction and Maintenance Coordination, and District Road Transfer Program. Responsibilities include making provisions and adjustments addressing unforeseen and unplanned conditions as they arise.				



Firm employed by: Ardaman & Associates, Inc.					
Megan Bourgeois, PE   Project Engineer Years of relevant experience with this employer 17					
		Years of relevant experience with other employer(s)		0	
Degree(s) / Years / Specialization BS   2006   Civil Engineering		Year registered	2011		
Active registration number / state / expiration date 36725   LA   3/31/2024		Discipline	Civil		

Megan will be providing comment and review on pavement design, settlement, pile lengths, drill shafts and other geotechnical submittals as needed.

Ms. Bourgeois has more than 14 years of experience with shallow foundation design, embankment settlement analysis, pile and drilled shaft foundation analysis, LRFD design, slope stability (embankment and excavation), pipeline and pump station recommendations, geotechnical instrumentation, installation and monitoring, and construction phase testing and laboratory management. She has managed numerous geotechnical investigations and design evaluations, managed laboratory testing programs, while also serving as Ardaman's program manager for many LAD-OTD projects for bridges and roadways throughout Louisiana. Ms. Bourgeois also serves as the director of our geotechnical engineering laboratory in Baton Rouge. In this role, she supervises the laboratory manager, oversees testing, provides guidance to laboratory staff, and ensures appropriate protocol is followed and deadlines are met in addition to providing training material and maintaining all laboratory certifications, including AMRL, CCRL, DEQ & USACE. Ms. Bourgeois' certifications include:

- ▼Traffic Control Supervisor Refresher / LA / 8-7-2024
- ▼DOTD Flagger / LA / 8-8-2024
- ▼Certified NHI Drilled Shaft Inspector

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).
10/09 - Ongoing	SP NO. H.004646.5 / I-20 MISSISSIPPI RIVER BRIDGE REVIEW: Vicksburg, MS – Project Manager. Ms. Bourgeois manages this multi-million-dollar, high risk, high technical needs, high visibility project consisting of investigating the movement of the I-20 Bridge in Vicksburg, Mississippi. She managed a highly technical team including academia, outside experts, including internationally recognized geotechnical engineers, geohydrologists, instrumentation specialists, and 3-D geotechnical modeling experts. She managed and personally oversaw a comprehensive laboratory testing program and was involved in refining the geotechnical site characterization for the bank/bluff where there was evidence of shifting creating movement in the bridge structure. The specialized testing, she personally performed or managed included x-ray diffraction for the determination of mineralogy, x-ray scanning of unextruded samples to identify existing shearing planes, stress-reversal direct shear tests to determine true residual angles of critical strata. She was instrumental in designing the geotechnical instrumentation for this project including vibrating wire piezometers, Casagrande type piezometers, In-place inclinometers, SAA inclinometers, and traditional inclinometers. In addition, Ms. Bourgeois performed seepage and drawdown analyses, slope stability analyses, evaluation of remedial measures, and developed technically feasible solutions. She co-authored the geotechnical analysis and design report. Currently, she is managing a phase of the project that included upgrading the entire instrumentation communication system and will be monitoring this system continuously.
10/18 - 01/20	SP NO. H.000263 / CHEF MENTEUR PASS BRIDGE & APPROACH: Orleans Parish, LA - Project Manager. Managed and oversaw all aspects of an extensive field investigation program which included 37 deep soil borings, including borings over 200 feet in over 80 feet deep of high flow water. Ms. Bourgeois also managed laboratory testing program to provide geotechnical characterization data for use in design of deep foundations and embankments, oversaw the field resistivity testing program, and developed the data report.



Firm employed by: Ardaman &	Associates, Inc.
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).
04/21 - Ongoing	SP NOs. 700-29-0112, 700-29-0130, H.012565, H.012891, H.014251, H.014252, H.014253, H.014254, H.014256, H.014257 / RURAL BRIDGE INITIATIVE PHASE II: West Feliciana, East Feliciana, Livingston, St. Bernard Parishes, LA. Project Engineer. Leads technical reviews pertaining to selection of design reaches, geotechnical design of pile foundations, drivability, slope stability, settlement analyses and construction testing program recommendations. This project consists of the replacement of multiple small two-lane bridges throughout rural areas of Southeast Louisiana which generally ranged in length from 100 to 400 feet, mainly over small rivers and creeks.
07/21 - Ongoing	SP NO. H.004100.5 / I-10: LA 415 TO ESSEN LANE ON I-10 & I-12 (CMAR): Baton Rouge Parish, LA. Project Engineer. Leads technical reviews pertaining to selection of design reaches, geotechnical design of deep foundations, earth retaining structures, slope stability, soil-structure interaction with existing structures and load testing recommendations. This is a Construction Management at Risk (CMAR) project which includes widening of the east and westbound lanes, elevated structures, interchanges, and ramps along I-10 from LA 415 in West Baton Rouge Parish to Essen Lane on I-10 and I-12 in East Baton Rouge Parish spanning approximately 2.5 miles.
07/21 - 01/22	SP NO. H.003931 / I-10 CALCASIEU RIVER BRIDGE: Calcasieu Parish, LA. Project Manager. Managed all aspects of this project pertaining to coordination of fieldwork including 37 deep soil borings, 39 ECPTs and 13 electrical resistivity (ER) geophysical survey transects. A majority of the soil borings were completed from a barge, some over a considerable amount of water. Some soil borings were completed from a marsh buggy over shallow water and thick marsh grass. Ms. Bourgeois also managed and oversaw the laboratory testing program, processing and analyzing of the ECPT and ER data. She also assisted with development of a geotechnical database and preparation and submittal of a geotechnical data report. This project consisted of obtaining preliminary geotechnical data under an extremely strict deadline to be used in the design phase of a project that will consist of replacing the existing I-10 Calcasieu River Bridge with a new structure and improvements to I-10 near the I-210 interchange and various other interchanges including entrances, exits and service roads.
03/19 - 07/20	SP NO. H.004100.5-2 / I-10 WIDENING (LA 415 TO HOWARD ST): East Baton Rouge Parish, LA. Project Manager. Managed all aspects of the geotechnical investigation in support of the widening of the East and Westbound lanes, elevated structures, and construction of interchange and ramps on Westbound lanes along I-10 between LA 415 and Howard Street spanning approximately 1 mile. The geotechnical investigation included 58 deep borings and 11 cone penetrometer (CPT) soundings, electrical resistivity imaging along the entire alignment, laboratory testing and the preparation of a geotechnical data report.
12/12 - Ongoing	SP NO. H.009266 / I-10 WIDENING LA 73 to LA 30: Ascension Parish, LA. Project Manager. Managing all aspects of the project that include field investigations consisting of 13 deep soil borings and 26 shallow soil borings, laboratory testing, and engineering design in support of the widening of the East and Westbound lanes and elevated structures along I-10 between LA 73 and LA 30 spanning approximately 5 miles. Ms. Bourgeois performed analyses including settlement estimates with recommendations for monitoring, driven pile design including down drag considerations, and pavement section recommendations; all completed according to DOTD standards.
09/20 - Ongoing	SP NO. H.013897 / COLLEGE DR FLYOVER RAMP I-10 / I-12: East Baton Rouge Parish, LA. Project Engineer / Laboratory Director. Ardaman's scope consists of review and acceptance of all geotechnical services including technical design reports, field documentation, drawings, and RFI's. In addition, Ardaman performs acceptance verification sampling and testing during the construction for soils and concrete. Ms. Bourgeois assisted in review and acceptance of geotechnical services as well served as quality control and review of all acceptance verification sampling and testing during construction.
02/20 - Ongoing	SP NO. H004791 / DESIGN SUPPORT SERVICES LA 23, BELLE CHASSE BRIDGE & TUNNEL: Plaquemine Parish, LA. Project Engineer/Laboratory Director. Ardaman's scope consists of review and acceptance of all geotechnical services including technical design reports, field documentation, drawings, and RFI's. In addition, Ardaman performs acceptance verification sampling and testing during the construction for soils and concrete. Ms. Bourgeois assisted in review and acceptance of geotechnical services as well served as quality control and review of all acceptance verification sampling and testing during construction.



Firm employed by: Ardaman & Associates, Inc.					
Robert Jewell, PE   Project Engineer	Years of relevant experience with this employer		16		
		Years of relevant experience with other employer(s)		0	
Degree(s) / Years / Specialization BS   2009   Civil Engineering		Year registered	2013		
Active registration number / state / expiration date	38579  LA   9/30/2024	Discipline	Civil		

Robert will be providing comment and review on pavement design, settlement, pile lengths, drill shafts and other geotechnical submittals as needed.

Mr. Jewell serves as the manager of our Baton Rouge office and as project manager for various geotechnical engineering projects which include analyses such as pile and drilled shaft foundations, shallow foundations, static and dynamic pile testing, and slope stability. He has managed and coordinated many geotechnical field investigations, including shallow and deep borings, CPT soundings, and performed analyses and prepares design recommendation reports for LADOTD projects. Mr. Jewell has extensive experience in construction phase testing and oversight including dynamic and static testing, pile integrity testing, cross hole sonic logging, settlement monitoring, and geotechnical instrumentation. His certifications include:

\*Traffic Control Supervisor / LA / 9-25-2024

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).
10/18 - 01/20	SP NO. H.000263 / CHEF MENTEUR PASS BRIDGE & APPROACH: Orleans Parish, LA. Project Engineer. Helped manage and oversee all aspects of an extensive field investigation program which included 37 deep soil borings, including borings over 200 feet in over 80 feet deep of high flow water. Mr. Jewell also helped develop the soil boring logs and preparation of the data report.
07/18 - Ongoing	SP NO. H.003370 / I-220 / I-20 INTERCHANGE IMPROVEMENT AND BARKSDALE AIR FORCE BASE ACCESS ROAD: Bossier Parish, LA. Project Manager. Prepared the preliminary design and planning report for this Design Build project which provides direct access to Interstate I-20 from the Barksdale Air Force Base (BAFB) and constructing an interchange and access road from Interstate 20 in Bossier City, Louisiana. Mr. Jewell oversaw the field construction services consisting of PDA monitoring, bi-directional load cell load tests, and settlement monitoring.
03/19-07/20	SP NO. H.004100.5-2 / I-10 WIDENING (LA 415 TO HOWARD ST): East Baton Rouge Parish, LA. Project Engineer. Comanaged all aspects of the geotechnical investigation in support of the widening of the East and Westbound lanes, elevated structures, and construction of interchange and ramps on westbound lanes along I-10 between LA 415 and Howard Street spanning approximately 1 mile. The geotechnical investigation will include 58 deep borings and 11 cone penetrometer (CPT) soundings, field resistivity testing, and associated laboratory testing and the preparation of a geotechnical data report
07/21 - Ongoing	SP NO. H.004100.5 / I-10: LA 415 TO ESSEN LANE ON I-10 & I-12 (CMAR): Baton Rouge Parish, LA. Project Manager. Leads all aspects of engineering analyses pertaining to selection of design reaches, geotechnical design of deep foundations, earth retaining structures, slope stability, soil-structure interaction with existing structures and load testing recommendations. This is a Construction Management at Risk (CMAR) project which includes widening of the east and westbound lanes, elevated structures, interchanges, and ramps along I-10 from LA 415 in West Baton Rouge Parish to Essen Lane on I-10 and I-12 in East Baton Rouge Parish spanning approximately 2.5 miles.
09/20 - Ongoing	SP NO. H.013897 / COLLEGE DR FLYOVER RAMP I-10 / I-12: Baton Rouge Parish, LA. Project Engineer. Helped oversee review and acceptance of all geotechnical services including technical design reports, field documentation, drawings, and RFI's.



Firm employed by: Ardaman & As	ssociates, Inc.
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).
02/20 - Ongoing	SP NO. H004791 / DESIGN SUPPORT SERVICES LA 23, BELLE CHASSE BRIDGE & TUNNEL: Plaquemine Parish, LA. Project Engineer. Helped oversee review and acceptance of all geotechnical services including technical design reports, field documentation, drawings, and RFI's.
04/21 - Ongoing	SP NOs. 700-29-0112, 700-29-0130, H.012565, H.012891, H.014251, H.014252, H.014253, H.014254, H.014256, H.014257 / RURAL BRIDGE INITIATIVE PHASE II: West Feliciana, East Feliciana, Livingston, St. Bernard Parishes, LA. Project Manager. Leads all aspects of engineering analyses pertaining to selection of design reaches, geotechnical design of pile foundations, drivability, slope stability, settlement analyses and construction testing program recommendations. This project consists of the replacement of multiple small two-lane bridges throughout rural areas of Southeast Louisiana which generally ranged in length from 100 to 400 feet, mainly over small rivers and creeks.
07/21 - 01/22	SP NO. H.003931 / I-10 CALCASIEU RIVER BRIDGE: Calcasieu Parish, LA. Project Engineer. Lead technical review of all aspects of this project pertaining to coordination of fieldwork including 37 deep soil borings, 39 ECPTs and 13 electrical resistivity (ER) geophysical survey transects. A majority of the soil borings were completed from a barge, some over a considerable amount of water. Some soil borings were completed from a marsh buggy over shallow water and thick marsh grass. Mr. Jewell also assisted with review of the laboratory testing program, processing and analyzing of the ECPT and ER data. He also assisted with development of a geotechnical database and preparation and submittal of a geotechnical data report. This project consisted of obtaining preliminary geotechnical data under an extremely strict deadline to be used in the design phase of a project that will consist of replacing the existing I-10 Calcasieu River Bridge with a new structure and improvements to I-10 near the I-210 interchange and various other interchanges including entrances, exits and service roads.
07/15 - Ongoing	SP NO. H.004273.5 / I-49 CONNECTOR (LAFAYETTE REGIONAL AIRPORT TO I-10/I-49/US 167 INTERCHANGE): Lafayette Parish, LA. Project Manager. Manages the Phase I geotechnical investigation, which included 116 deep and shallow soil boring, and 15 CPT soundings. The design was for the construction of 5 miles of freeway consisting of a 3.5-mile elevated structure that will include pile supported approach slabs, pile foundations, slope stability, embankment settlement, advanced load test programs, and earth retaining structures. He will be the co-principal for developing the Geotechnical Investigation and Design Report to be developed for this project. In addition, he will also oversee and coordinate the Phase 2 field and laboratory program which will include a total of more than 400 borings including deep borings, shallow borings, and CPT soundings.
04/14 - Ongoing	SP NO. H.004435 / I-12 TO BUSH SEGMENT 2, LA 3241 (LA 36-LA435): St. Tammany Parish, LA. Project Manager. Oversaw and coordinated the geotechnical investigation which included drilling 32 deep soil borings, 10 culvert borings, and 88 shallow roadway borings, sampling, and laboratory testing along the alignment which includes two bridges: LA 435 over Bayou Lacombe Tributary and LA 36 over Bayou Lacombe Tributary 2. Assisted in developing the geotechnical analyses and design recommendation report which included pile foundations for the bridge structures and shallow foundation design for the culverts. Mr. Jewell is currently overseeing the construction phase which includes dynamic testing and settlement monitoring.
10/14 - 12/16	SP NO. H.010601.5 / I-10 WIDENING (E. JUNCTION I-49 TO LA 328): St. Martin Parish, LA. Project Engineer. Oversaw and coordinated the geotechnical investigation which included 44 deep borings and 25 cone penetrometer (CPT) soundings, associated laboratory testing, and preparation of a geotechnical data report for the widening of the nine existing structures along I-10 between I-49 to LA 328 spanning approximately 7 miles.
07/09 - 08/11	SP NO. 700-29-0112 / LA-1- PHASE 1: Lafourche Parish, LA. Assistant Project Engineer. Served in the field as on-site geotechnical engineer during construction for this project in southeast Louisiana. He conducted dynamic monitoring using the Pile Driving Analyzer, performed CAPWAP analyses, reviewed drive logs, and supervised field technicians.



Firm employed by: Ardaman & Associates, Inc.					
Jarmon King, El     Assistant Project Engineer     Years of relevant experience with this employer     5					
		Years of relevant experience with other employer(s)		1	
Degree(s) / Years / Specialization BS   2019   Civil Engineering		Year registered	N/A		
Active registration number / state / expiration date	34348   LA   3/31/2024	Discipline	N/A		

Jarmon will provide geotechnical support as needed in the office and field if required.

Jarmon King serves as an Assistant Project Engineer of Ardaman in the Baton Rouge office. Mr. King is involved with overseeing and conducting geotechnical investigations. Mr. King also prepares soil boring logs; analyzes, processes, and plots Cone Penetration Test (CPT) soundings, performs pile and settlement analyses; assists with writing geotechnical reports; and helps coordinate field and laboratory operations. Mr. King also has a great deal of field engineering experience including all aspects of pile driving monitoring, including performing Pile Driving Analyzer (PDA) during construction, performing field resistivity imaging, and completing industrial facility inspections. Mr. King also oversees several long-term geotechnical instrumentation monitoring programs where he assists technicians in gathering and processing various types of instrumentation data. Mr. King also serves as the Office Safety Coordinator and has experience assessing safety of employees on the job site in accordance with OSHA where he was responsible for carrying out company safety standards and making any changes to ensure a safe and productive environment. His certifications include:

▼Traffic Control Supervisor Refresher / LA / 9-4-2024

▼DOTD Flagger / LA / 3-10-2024

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).
03/19 - 07/20	SP NO. H.004100.5-2 / I-10 WIDENING (LA415 TO HOWARD ST): East Baton Rouge Parish, LA. Assistant Project Engineer. Mr. King evaluated the laboratory test results and produced logs for the widening of the East and Westbound lanes, elevated structures, and construction of interchange and ramps on Westbound lanes along I-10 between LA 415 and Howard Street spanning approximately 1 mile. The geotechnical investigation included 58 deep borings and 11 cone penetrometer (CPT) soundings, associated laboratory testing and the preparation of a geotechnical data report.
01/15 - Ongoing	PECUE LANE / I-10 INTERCHANGE: East Baton Rouge Parish, LA. Assistant Project Engineer. Performed PDA testing and CAPWAP analyses for the precast pre-stressed concrete (PCC) piles and steel pipe piles driven for the I-10 Interchange bridge.
10/18 - 01/20	SP NO. H.000263 / CHEF MENTEUR PASS BRIDGE & APPROACH: Orleans Parish, LA. Assistant Project Engineer. Helped produced soil boring logs and CPT soundings in LADOTD format. Assisted with development of the data report.
07/18 - Ongoing	SP NO. H.003370 / I-220 / I-20 INTERCHANGE IMPROVEMENT AND BARKSDALE AIR FORCE BASE ACCESS ROAD: Bossier Parish, LA. Assistant Project Engineer. Assisted the Project Manager in preparing the preliminary planning report for this Design Build project which provides direct access to Interstate I-20 from the Barksdale Air Force Base (BAFB) and construct an interchange and access road from Interstate 20 in Bossier City, Louisiana. Mr. King performed PDA testing and CAPWAP analyses for the field construction during the test pile program.



Firm employed by: Ardaman & Associates, I	nc.
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).
07/21 - Ongoing	SP NO. H.004100.5 / I-10: LA 415 TO ESSEN LANE ON I-10 & I-12 (CMAR): Baton Rouge Parish, LA. Assistant Project Engineer. Assists in engineering analyses pertaining to selection of design reaches, geotechnical design of deep foundations, earth retaining structures, slope stability, soil-structure interaction with existing structures and load testing recommendations. This is a Construction Management at Risk (CMAR) project which includes widening of the east and westbound lanes, elevated structures, interchanges, and ramps along I-10 from LA 415 in West Baton Rouge Parish to Essen Lane on I-10 and I-12 in East Baton Rouge Parish spanning approximately 2.5 miles.
04/21 - Ongoing	SP NOs. 700-29-0112, 700-29-0130, H.012565, H.012891, H.014251, H.014252, H.014253, H.014254, H.014256, H.014257 / RURAL BRIDGE INITIATIVE PHASE II: West Feliciana, East Feliciana, Livingston, St. Bernard Parishes, LA. Assistant Project Engineer. Assists in engineering design pertaining to selection of design reaches, geotechnical design of pile foundations, drivability, slope stability, settlement analyses and construction testing program recommendations. This project consists of the replacement of multiple small two-lane bridges throughout rural areas of Southeast Louisiana which generally ranged in length from 100 to 400 feet, mainly over small rivers and creeks.
07/21 - 01/22	SP No. H.003931 / I-10 CALCASIEU RIVER BRIDGE: Calcasieu Parish, LA. Assistant Project Engineer. Assisted with all aspects of this project pertaining to coordination of fieldwork including 37 deep soil borings, 39 ECPTs and 13 electrical resistivity (ER) geophysical survey transects. A majority of the soil borings were completed from a barge, some over a considerable amount of water. Some soil borings were completed from a marsh buggy over shallow water and thick marsh grass. He also assisted with the laboratory testing program, processing and analyzing of the ECPT and ER data, development of a geotechnical database and preparation and submittal of a geotechnical data report. This project consisted of obtaining preliminary geotechnical data under an extremely strict deadline to be used in the design phase of a project that will consist of replacing the existing I-10 Calcasieu River Bridge with a new structure and improvements to I-10 near the I-210 interchange and various other interchanges including entrances, exits and service roads.

Firm employed by: Ardaman & Associates, Inc.					
Robert Rousset, PE   Project Engineer	Years of relevant experience with this employer			17.5	
		Years of relevant experience with other employer(s)		0	
Degree(s) / Years / Specialization BS   2008   Civil Engineering		Year registered	2	2014	
Active registration number / state / expiration date 38637   LA   9/30/2024		Discipline	C	Civil	

Robert will be providing comment and review on pavement design, settlement, pile lengths, drill shafts and other geotechnical submittals as needed.

Mr. Rousset serves as the manager of Ardaman's New Orleans office and as project manager for various geotechnical engineering projects as well as contract administrator of several major contracts. He has managed projects that have included pile and drilled shaft foundations, shallow foundations, static and dynamic pile testing, and slope stability. Mr. Rousset also has extensive experience with all aspects of pile driving monitoring, including performing the Pile Driving Analyzer (PDA). Mr. Rousset also achieved Intermediate Level Certification for High Strain Dynamic Testing issued by the Pile Driving Contractors Association for Dynamic Measurement and Analysis Proficiency.

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 years of experience specified in the applicable MPR(s).
07/14-05/18	SP NO. H.004113 / I-12 TO BUSH SEGMENT 3, LA HIGHWAY 3241 (LA 435 TO LA 40 / LA 41): St. Tammany Parish, LA. Project Manager. Oversaw and coordinated the geotechnical investigation which included 26 soil borings, sampling, and laboratory testing along the alignment that included one bridge, LA 435 over Talisheek Creek. Oversaw geotechnical analyses and preparation of design recommendation report which included pile supported approach slabs and pile foundations for the bridge structures and shallow foundation design for the culverts.
05/12 - 03/13	SP No. H.002260.5 / GOOSE BAYOU BRIDGE ROUTE LA 45: Lafitte, LA. Assistant Project Engineer. Managed geotechnical investigation for the bridge that included drilling and laboratory testing of 2 deep soil borings and 4 CPT soundings performed with barge-mounted drilling equipment under difficult access conditions. Assisted with providing final soil boring logs and CPT sounding logs in LADOTD format.
07/09 - 08/11	SP NO. 700-29-0112 / LA 1 – PHASE 1: Lafourche Parish, LA. Assistant Project Engineer. Served in the field as onsite engineer for Phase 1A of this project in southeast Louisiana. The completed project consisted of 17 miles of elevated roadway with low-level bridges and medium-level bridges, two elevated interchanges, and two fixed high-level bridges over navigable waterways. Conducted dynamic monitoring using PDA, performing CAPWAP analyses, reviewed drive logs, and supervised field technicians.
03/11 - 02/12	SP NO. H.003886.5 / I-49 SEGMENT J: Caddo Parish, LA. Assistant Project Engineer. Mr. Rousset planned the geotechnical investigation program, coordinated field activities, assigned lab testing, reviewed laboratory test results, classified soil types based on laboratory tests, and compiled soil boring logs in the LADOTD format.
08/09 - 12/09	CENTRAL THRUWAY: East Baton Rouge Parish, LA. Assistant Project Engineer. Performed PDA testing on pre-stressed, pre-cast concrete piles for various bents.



Firm employed by: Ardaman & As	ssociates, Inc.
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).
2020 - Ongoing	SP NOs. (Multiple) / RURAL BRIDGES REPLACEMENT INITIATIVE: Avoyelles and Webster Parishes, LA. Project Engineer. This project consisted of the replacement of multiple small rural bridges throughout Central and North Louisiana. He oversaw the field investigation, lab testing, and engineering analyses for the project. Engineering analyses consisted of axial pile capacities, pile drivability, settlement, and slope stability analyses.
08/16 - 07/19	CS-65 / CALCASIEU SHIP CHANNEL SALINITY CONTROL MEASURES (CS-65) PHASE 1A PROJECT: Cameron & Calcasieu Parish, LA. Project Manager. The project aims to limit saltwater intrusion and reduce land loss across various bayous, marshes, and lakes within the vicinity of the Calcasieu Ship Channel (CSC), located across Cameron and Calcasieu Parish. Stretching across 20 miles, the project consists of various sill structures, erosion control measures, and channelization structures. Mr. Rousset served as project manager for this project where he coordinated all field investigation(s), laboratory testing, and geotechnical engineering analyses.
07/21 - 01/22	SP No. H.003931 / I-10 CALCASIEU RIVER BRIDGE: Calcasieu Parish, LA. Project Engineer. Assisted on coordination and oversight of aspects of this project pertaining to marine based field investigation. The fieldwork consisted of a series of soil borings and CPTs with challenging access requirements. A majority of the soil borings were completed from a barge, some over a considerable amount of water. Some soil borings were completed from a marsh buggy over shallow water and thick marsh grass.
09/18 - 10/22	SP NO. H.001344 / US 190: LA 437 TO US 190 BUS (PH 1): St. Tammany Parish, LA. Project Manager. Mr. Rousset is managed this project which included the widening of US 190 to a four-lane boulevard between US 437 and US 190. A new bridge over the Bogue Falaya River will be constructed adjacent to, and east of, the existing bridge. The existing bridge will remain and function as two lanes of southbound traffic. The new bridge will be 54-feet-wide with three 12-foot travel lanes for 2 northbound traffic with an eight-foot shoulder to the inside and a 10-foot shoulder to the outside. Mr. Rousset managed the field investigation and laboratory testing.
07/16 - 10/21	SP NO. H.011152.5 / I-12 WIDENING (US 190 TO LA 59): St. Tammany Parish, LA. Project Manager. Mr. Rousset managed this project which included the widening of Interstate 12 in St. Tammany Parish. Ardaman conducted a geotechnical investigation which included 23 deep soil borings, sampling, and laboratory testing along the 3-mile alignment between US 190 and LA 59 for lane widening which included four bridges structures. The field investigation, conducted in accordance with LADOTD specifications, included field reconnaissance including determining access and gaining rights of entry, completing utility locations, locating/staking boring locations, and developing a plan for the initial mobilization of equipment to the site and mobilization between sites. Soil boring logs were created in LADOTD format. Engineering analyses for a retaining wall for one of the bridge abutments was conducted.
07/18 - Ongoing	SP No. H.003370 / I-220 / I-20 INTERCHANGE IMPROVEMENT AND BARKSDALE AIR FORCE BASE ACCESS ROAD: Bossier Parish, LA. Project Engineer. Assisted in planning and coordination of installation of automated settlement monitoring instrumentation. Also assisted in preliminary design and planning report for this Design Build project which provides direct access to Interstate I-20 from the Barksdale Air Force Base (BAFB) and constructing an interchange and access road from Interstate 20 in Bossier City, Louisiana.



Firm employed by: Ardaman & Associates, Inc.							
Mark Woodward, PE   Project Engineer	Years of relevant experience with this employer		5				
	Years of relevant experience with other employer(s)		36				
Degree(s) / Years / Specialization	MS   2019   Risk Management MS   1986   Civil Engineering BS   1982   Civil Engineering	Year registered	1991				
		Discipline	Civil				

Mark will be providing comment and review on pavement design, settlement, pile lengths, drill shafts and other geotechnical submittals as needed.

Mr. Woodward is the Principal Engineer of our New Orleans office, overseeing and reviewing work of Professional Engineers and Assistant Project Engineers on geotechnical projects ranging from single family homes to large industrial and government civil projects. The analysis includes, but are not limited to slope stability, seepage, settlement, pile capacity, down drag, dewatering, excavations, etc. Mr. Woodward served a geotechnical engineer and retired as the Deputy Chief of the Geotechnical Branch and Levee Safety Program Manager of the US Army Corps of Engineers New Orleans office and as project manager for numerous geotechnical engineering projects including pile and drilled shaft foundations, shallow foundations, static and dynamic pile testing, ground improvement, deep excavations, relief wells, wick drains, dewatering systems, settlement, seepage and slope stability. He has coordinated many geotechnical field investigations, including shallow and deep borings, CPT soundings geophysical surveys, and performed analyses and prepares design recommendation reports. He served as geotechnical engineer for several pump station projects within the Hurricane and Storm Damage Risk Reduction System and New Orleans to Venice 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 years of experience specified in the applicable MPR(s).
07/18 - Ongoing	SP NO. H.003370 / I-220 / I-20 INTERCHANGE IMPROVEMENT AND BARKSDALE AIR FORCE BASE ACCESS ROAD: Bossier Parish, LA. Principal Engineer. This Design Build project consisted of direct access to Interstate I-20 from the Barksdale Air Force Base (BAFB) and an interchange and access road from Interstate 20 in Shreveport, Louisiana. Mr. Woodward provided quality assurance for this project, reviewing all work product in design and construction phase.
05/18 - 09/19	SP NO. H.001344 / US 190: LA 437 TO US 190 BUS (PH 1): St. Tammany Parish, LA. Principal Engineer. Mr. Woodward provided technical oversight for this project which includes the widening of US 190 to a four-lane boulevard between US 437 and US 190. A new bridge over the Bogue Falaya River will be constructed adjacent to, and east of, the existing bridge. The existing bridge will remain and function as two lanes of southbound traffic. The new bridge will be 54-feet-wide with three 12-foot travel lanes for 2 northbound traffic with an eight-foot shoulder to the inside and a 10-foot shoulder to the outside.
06/16 - 07/16	SOUTHEAST LOUISIANA URBAN FLOOD CONTROL, LOUISIANA AVENUE PAVING: Orleans Parish, LA. Chief of Structural Design. Served as decision maker as Chief of Structural Design, USACE New Orleans, for asphalt or concrete paving, looking at factors such as construction cost, durability, maintenance cycles and costs, constructability, construction duration, etc.
05/18 - Ongoing	SP NO. H.008226 / CHENIERE SPILLWAY & BRIDGE REPLACEMENT: Ouachita Parish, LA. Senior Geotechnical Engineer. Mr. Woodward serves as the Principal Geotechnical Engineer for this project which includes the replacement of the current damaged spillway and bridge structure in Ouchita Parish, Louisiana. The scope of the proposed spillway and bridge replacement project involves demolishing the existing spillway and bridge and replacing them with a larger spillway northeast of the existing spillway and replacing the spillway with a drawdown structure. Mr. Woodward oversaw geotechnical design, reviewed contractor submittals and requests for information during ongoing construction.



Firm employed by: Ardaman & As	ssociates, Inc.
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).
2020 - Ongoing	SP NOs. (Multiple) / RURAL BRIDGES REPLACEMENT INITIATIVE: Avoyelles and Webster Parishes, LA. Project Engineer. This project consisted of the replacement of multiple small rural bridges throughout Central and North Louisiana. He provided oversight of the field investigation, lab testing, and engineering analyses for the project. Engineering analyses consisted of axial pile capacities, pile drivability, settlement, and slope stability analyses.
05/18 - 08/19	SP NO. H.011152.5 / F-12 WIDENING (US 190 to LA 59): St. Tammany Parish, LA. Principal Engineer. Mr. Woodward provided technical oversight for this project which included the widening of Interstate 12 in St. Tammany Parish. Ardaman conducted a geotechnical investigation which included 23 deep soil borings, sampling, and laboratory testing along the 3-mile alignment between US 190 and LA 59 for lane widening which included four bridges structures. Soil boring logs were created in LADOTD format. Mr. Woodward provided oversight for an effort to perform additional soil borings, lab testing and engineering analyses for a retaining wall for one of the bridge abutments.
05/18 - 07/18	<b>IMTT ACCESS ROAD PAVEMENT, AVONDALE: Jefferson Parish, LA.</b> Principal Engineer. Served as senior engineer for 2,200-foot long x 50 -foot wide rigid and flexible roadway design for AASHTO loading per LADOTD guidelines, including subsurface exploration and testing, California Bearing Ratio, subbase material and thickness recommendations, wearing course thicknesses, and construction recommendations.
08/16 - 07/19	CS-65 / CALCASIEU SHIP CHANNEL SALINITY CONTROL MEASURES (CS-65) PHASE 1A PROJECT: Cameron & Calcasieu Parish, LA. Principal Geotechnical Engineer. The project aimed to limit saltwater intrusion and reduce land loss across various bayous, marshes, and lakes within the vicinity of the Calcasieu Ship Channel (CSC), located across Cameron and Calcasieu Parish. Stretching across 20 miles, the project consisted of various sill structures, erosion control measures, and channelization structures. Mr. Woodward served as Principal Geotechnical Engineer for this project; in this capacity he reviewed all fieldwork, laboratory testing, engineering analyses, and Geotechnical Report.
02/20 - Ongoing	SP NO. H004791 / DESIGN SUPPORT SERVICES LA 23, BELLE CHASSE BRIDGE & TUNNEL: Plaquemine Parish, LA. Senior Geotechnical Engineer. Reviewed and made comments on Levee (Slope) Stability Analysis Report.

Firm employed by: Volkert, Inc.						
Hossein Ghara, PE, MBA   Structural / Bridge Design Engineer			Years of relevant experience with this employer		4	
, , ,			Years of relevant experience with other employer(s)		44	
Degree(s) / Years / Specialization		MBA  1986  Business Administration BS  1976  Civil Engineering	Year registered	1980		
Active registration number / state / ex	piration date	18899   LA   3/31/2025	Discipline	Civil		
Contract role(s) / brief descri Mr. Ghara will be serving as	•	ponsibilities: Bridge Design Engineer and will review structural/b	ridge design submittals or construction relat	ed RFI's.		
Experience dates (mm/yy-mm/yy)	experie	nce and qualifications relevant to the proposed contract; i.e., "designe nce specified in the applicable MPR(s). Ar. Ghara worked for a consulting engineering firm for ove				
Engineers, Electrical and Mecha Bridge and Tunnel Security, T-1 While serving as State Bridge D	anical Engine and member esign Engine	ajor Section in Louisiana DOTD as an appointing authorit ers as well as many Engineering Technician. He served in of the Tech. Committee on Concrete Design, T-10. He rec er, he oversaw the rehabilitation work done to the Huey P nerica's longest Cable Stay Span Bridge.	n several AASHTO Technical Committees nationwi cently renewed his ATSSA Traffic Control Supervis	ide such as sor, Technic	s Chair the Tech. Committee on cian and Flagger certifications.	
09/22 - 09/27 (est.)	be rep Manaş bridge will ev	District 04 IIJA Off-System Bridge Program, LADOTD. Volkert has been selected to assist the LADOTD in the selection of eligible bridge structures to be replaced, designed, and constructed under the Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program. Mr. Ghara is the Senior Project Manager assisting in the Phase 1 preliminary screening matrix and bridge selection process based on a set budget provided; ultimately moving the selected bridges to construction while coordinating with the DOTD and local stakeholders. Volkert is performing Hydraulic Analysis and Bridge Design services. Volkert will evaluate each site and provide a recommended drainage alternate type and applicable dimensions, as well as perform the hydraulic design of the drainage structure in accordance with the LADOTD Hydraulic Design Guidelines for the Off-System Bridge Replacement and Rehabilitation Program manual				
D2/20 - 08/24 (est.)  LA 23: Belle Chasse Bridge and Tunnel (HBI) Improvements, Plaquemines Parish (LADOTD). Mr. Ghara is serving as project manager for the Belle Chasse Bridge and Tunnel Improvements. Volkert will be responsible for providing all Engineering Design and Construction Support services including implementation of the Construction Quality Assurance Plan for the Belle Chasse Bridge & Tunnel Public Private Partnership (P3) Project which provides for the replacement of the Belle Chasse Tunnel and Judge Perez Lift Bridge with a new toll bridge. This includes the development of construction plans, bridge replacement plans, decommissioning of the Tunnel and development of O&M plans. As the OVT, Volkert will provide guidance and support to the LADOTD Project Manager prior to and during reviews, develop review comments, attend project meetings, ensure that the P3 adheres to their contract, and address other assignments as directed.						
05/20 - 05/21	Engine Interch arteria new ac the KC	P-20 Interchange Improvements to BAFB Access Deer for Volkert's team. He is responsible for all project over hange Improvement and BAFB Access project in Bossier I al to a new terminus on Barksdale Air Force Base (BAFB) access road. The project includes the construction of two second access road. The project terminus will tie to a BAFB roadway program of the project terminus will the total BAFB roadway program of the project terminus will be the project terminus will the total BAFB roadway program of the project terminus will be the project ter	ersight for the Design and Construction on this\$7 Parish consists of the extension of I-220 to the so and includes construction of four interchange ran sets of bridge structures, one set for the I-20 ove	1.8M Desi buth over l- mps provid r pass and	gn-Build project. The I-220/I-20 20 as a limited access 4-lane ing interchange connectivity for the second set for the overpass	

H.003370.6.



Firm employed by: Volkert, Inc.	
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 years of experience specified in the applicable MPR(s).).
04/18 - 01/20	I-12 to Bush: LA 435 - LA 40/LA 41 for T. Baker Smith and the LADOTD. As a sub-consultant to T. Baker Smith, Volkert provided bridge and road design services as necessary to complete the submittal of Stage 3 Design, Part III Preliminary Plans. Volkert was responsible for the review of the environmental study, traffic date, parish maps, aerial photos, and DOTD roadway classification.
05/19 - 07/20	I-12 Widening (US 190 to LA 59) Route I-12, St. Tammany Parish for T. Baker Smith, LLC and the LADOTD. Mr. Ghara served as Structural Engineer. Volkert is responsible for bridge design, road design, and ICE/CPM which includes all engineering services necessary to complete the submittal of Stage 3 Design, Part III, Preliminary Plans and Part IV, Final Plans. This project is to widen and rehabilitate I-12 to the median side from a four lane freeway to a six lane freeway section in both the East and Westbound direction. The project begins just west of US 190 and ends just east of LA 59 for approximately 4 miles.
06/20 - 8/24	Causeway Shoulder Bay Improvements, Jefferson Parish, LA for Greater New Orleans Expressway Commission. Mr. Ghara's served as Structural Engineer and his responsibilities include design of basic safety plan and elevation, design of girders, design of cable tray attachment and miscellaneous electrical details, design of sign support details and design of transition barriers. This project was executed using the CMAR alternative delivery method, a first for the State of Louisiana.
09/18 - 07/20	I-10: Highland Road to LA 73 Design-Build, East Baton Rouge and Ascension Parishes, LA (LADOTD). Mr. Ghara served as Review Engineer for the Owner Verification Team on Task Order 4 which allowed Volkert to provide project oversight and acceptance for both design and construction for the I-10 Design-Build project from Highland Road in East Baton Rouge Parish to LA 73 in Ascension Parish. He was responsible for all project oversight for the Design and Construction on this \$72M Design-Build project. This project consisted of upgrading a portion of I-10 in East Baton Rouge and Ascension Parish to a six-lane controlled access facility.   State Contract No. 4400004915 TO 4, S.P. No. H.009250.
09/18 - 06/19	US 90 (I-49 South) Albertson Parkway to Ambassador Caffery Design-Build, Lafayette Parish, LA (LADOTD). Mr. Ghara served as Review Engineer for the Owner Verification Team on Task Order 6 which allowed Volkert to provide project oversight and acceptance for both design and construction for the US 90 (I-49 South) Albertson Parkway to Ambassador Caffery Design-Build Project in Lafayette Parish. Volkert's Baton Rouge office was responsible for all project oversight for the Design and Construction on this \$57 M Design-Build Project. This project consists of upgrading a portion of US 90 in Lafayette Parish to a six-lane controlled access facility.   State Contract No. 4400004915 TO 6, S.P. No. H.010620.
Prior to Joining Volkert	Mr. Ghara served as the Louisiana DOTD State Bridge Engineer for 12 years. In this capacity, administered and managed a major Section in Louisiana DOTD as an appointing authority overseeing staff ranging from 65 to 110 people, comprising of primarily Civil and Structural Engineers, Electrical and Mechanical Engineers as well as many Engineering Technician. Mr. Ghara oversaw the State's Bridge Preservation Program which resulted in an average yearly bridge construction program of \$180M in addition of \$50 to \$100M of On and Off System Bridge Construction projects. Mr. Ghara oversaw Four Structural Design offices, each managed by an administrator serving the State Bridge Engineer as assistants. Consultant Management, Bridge Rating, Mechanical Engineering, Electrical Engineering. As State Bridge Engineer, he was the primary and the only voting member of the American Association of State Highways and Transportation Officials AASHTO Subcommittee on Bridges and Structures. While serving as State Bridge Design Engineer, he participated in the replacement and restoration of several major bridge structures such as the 1-10 Twin Spans, US 90 Vertical Lift Bridge over the Inner Harbor Navigation Canal in Danziger, US 11 Bridge over Lake Pontchartrain and several other Movable Bridges.



Firm employed by: Volkert, Inc.						
Jacob Parker, PE   Structural / Bridge Design Engineer			Years of relevant experience with this employer		4	
			Years of relevant experience with other employer(s)	xperience with other employer(s)		
Degree(s) / Years / Specialization		BS  1998  Civil Engineering	Year registered	2003		
Active registration number / state / expiration	on date	30596   LA   9/30/2023	Discipline	Civil		
Contract role(s) / brief descriptio Mr. Parker will be serving as Stru		ponsibilities: Bridge Design Engineer and will review structural/br	idge design submittals or construction relate	ed RFI's.	VOLKER	
Experience dates [mm/yy-mm/yy]		nce and qualifications relevant to the proposed contract; i.e., "designed nce specified in the applicable MPR(s).	drainage", "designed girders", "designed intersection", etc.	Experience	dates should cover the time years of	
challenging and complex bridges, su concrete design, wood and timber d also has the following training: LRFD MATHCAD, Smath, Microstation, Aut	ich as ci esign, a Trainin oCAD &		He also has experience with structural analysis, shallow foundations, inland waterways, and engi DX, WinSEISAB, CONSEC, Response 2000, AASH	reinforce ineering f ITO GM-2	d concrete design, prestressed or natural hazards. Mr. Parker .1, Virtis, Retain Pro, PCA Column,	
02/20 - 08/24 (est.)	LA 23: Belle Chasse Bridge and Tunnel (HBI) Improvements, Plaquemines Parish (LADOTD). Mr. Parker is assisting with Volkert's responsibilities which is to provide all Engineering Design and Construction Support services including implementation of the Construction Quality Assurance Plan for the Belle Chasse Bridge & Tunnel Public Private Partnership (P3) Project which provides for the replacement of the Belle Chasse Tunnel and Judge Perez Lift Bridge with a new toll bridge. This includes the development of construction plans, bridge replacement plans, decommissioning of the Tunnel and development of O&M plans. As the OVT, Volkert will provide guidance and support to the LADOTD Project Manager prior to and during reviews, develop review comments, attend project meetings, ensure that the DBT adheres to their contract, and address other assignments as directed.					
09/18 - 07/20	for the project Const	Highland Road to LA 73 Design-Build, East Baton Research OVT on Task Order 4 which allowed Volkert to provide prest from Highland Road in East Baton Rouge Parish to LA 7 ruction on this \$72M Design-Build project. This project controlled access facility including construction of a new september 250.	oject oversight and acceptance for both design a 3 in Ascension Parish. He was responsible for all onsisted of upgrading a portion of I-10 in East Ba	and constr project o ton Rouge	ruction for the I-10 Design-Build versight for the Design and e and Ascension Parish to a six-	
05/19 - 12/21	the br of I-22 intercl	/I-20 Interchange Improvements to BAFB Access Decide design review for Volkert's team. The I-220/I-20 Inte 20 to the south over I-20 as a limited access 4-lane arterishange ramps providing interchange connectivity for the near the I-20 over pass and the second set for the overpass of	rchange Improvement and BAFB Access project i al to a new terminus on Barksdale Air Force Base w access road. The project includes the constru of the KCS RR. The project terminus will tie to a B	n Bossier e (BAFB) a ction of to	Parish consists of the extension and includes construction of four wo sets of bridge structures, one	

location for the base. | State Contract No. 4400016173, S.P. No. H.003370.6.



Firm employed by: Volkert, Inc.	
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 years of experience specified in the applicable MPR(s).).
09/18 - 12/20	Causeway Shoulder Bay Improvements, Jefferson Parish, LA (Greater New Orleans Expressway Commission). Mr. Parker responsibilities included design of basic safety plan and elevation, design of girders, design of cable tray attachment and miscellaneous electrical details, design of sign support details and design of transition barriers. Volkert was selected to design essential and long-awaited shoulder additions. The bridge shoulders, comprising 12 "shoulder bays," provide a safe space for disabled vehicles to pull over out of traffic. They will also increase safety for motorists and emergency personnel in the event of a crash. This project was executed using the CMAR alternative delivery method, a first for the State of Louisiana.
06/18 - 02/21	Almonaster Bridge Study, Orleans Parish, Port of New Orleans. The Almonaster Bridge Study was developed to assist the Port of New Orleans selecting a replacement option for the Almonaster Bridge over the Inner Harbor Industrial Canal. It reviewed several replacement options as well as rehabilitation and compared costs for design, construction and permitting, different applications of design criteria, constructability, and possible funding sources. Other things considered were the elimination of railroad crossings in the area and proposed additional connection roadways to accommodate these eliminations. The study required the review of load rating/inspection reports as well as substructure preliminary design for each alternative by Volkert.
01/22 - 01/23 (est.)	Reconstruction of the Chalmette Slip, Wharves A & F   St. Bernard Port Harbor & Terminal District St. Bernard Parish   Arabi, LA. Mr. Parker served as Engineer of Record for Design which consisted of demolition and reconstruction of remaining original wharves at the Arabi Terminal. Reconstruction consisted of cast in place deck on precast concrete girders resting on precast concrete caps and supported by large diameter steel pipe pile bents supporting loads from 750 psf to 1000 psf or wheel loads from fully loaded forklift. Precast prestressed concrete box beams were used as edge beams and designed to take lateral loads from the berthing of ships. Bents were designed to absorb mooring loads and berthing loads. An upper and lower combination fender system was developed to handle both large vessels (upper) and barges (lower) so as to protect the superstructure and substructure from vessel impact. At grade portions of the wharves consisted of timber pile supported concrete slab designed to support 1000 psf or wheel loads from a fully loaded forklift, whichever controlled. Wharves were designed to comply with the following design codes and specifications: Various Port Facility Related Uniform Facilities Criteria (UFC), International Building Code (IBC), American Concrete Institute (ACI), and American Society of Civil Engineers (ASCE) Design of Marine Facilities Specification.

Firm employed by: Volkert, Inc.				
Arthur D'Andrea, PE   Structural / Bridge	Design Engineer	Years of relevant experience with this employer		<1
		Years of relevant experience with other employer(s)		45
Degree(s) / Years / Specialization	BS   1978   Civil Engineering	Year registered	1983	
Active registration number / state / expiration date	Discipline	Civil		



Mr. D'Andrea will be serving as Structural / Bridge Design Engineer and will review structural/bridge design submittals or construction related RFI's.

Experience dates (mm/yy-mm/yy)
(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 years of experience specified in the applicable MPR(s).

Mr. D'Andrea joined Volkert in 2023 as a civil engineer. Mr. D'Andrea has a strong background in the structural design and details of bridges and buildings. As a previous employee of LADOTD he served as Louisiana Assistant Bridge Design Engineer and was in charge of three separate teams, Bridge Design, Bridge Rating and Permit Evaluation. Bridge Design Teams, County Bridge Replacement Program.

## Prior to Joining Volkert

Louisiana Department of Transportation Development, Louisiana Assistant Bridge Design Engineer. In charge of three separate teams, Bridge Design, Bridge Rating and Permit Evaluation. Bridge Design Teams, County Bridge Replacement Program. Both project manager and designer-in-charge for the largest public works project in Louisiana, replacement of the I10 Twin Span Bridges. I10 project completed ahead of schedule and 100 million dollars below budget. Multiple type bridge rehabilitation projects. Including Mississippi River Bridge truss strengthening, lift span such as Danziger, emergency project replacements using conventional and specialized devices such as SPMT's. Design substructure repairs and retrofit. Including West Pearl River along I-59. Leader of 2008 hurricane damage assessment team. Covering 2400 miles and evaluating damage to many movable bridges in Louisiana. Project manager Mississippi River Bridge repairs, I-20. Including modification to main truss, piers, jacking operations, ground stability improvements, 24/7 GPS and SAA based movement detection and Tiger Grant manager. Project manager, Prien Lake Bridge Rehabilitation, I-210. Task manager for the addition of an exit at I-110 bridge, Terrace Ramp. Bridge representative for various Interstate projects using the innovative project procurement method. Managed the LADOTD rating group during the period of LRFR implementation. Including developing a plan for FHWA's Metrics compliance. Strengthening the rating unit to execute the plan, and to better screen Louisiana overload permits. AASHTO T-18 member. Defending the Owners point of view with MBE chapters rewrite. Implementation of LRFR, creation of the bridge element inspection manual, strategies for NBIS metrics compliance and the new bridge data collection system known as SNBI.



Firm employed by: Volkert, Inc.							
Ashley Beckendorf, PE   Roadway & Hydraulics Design Engineer			Years of relevant experience wi	relevant experience with this employer		8	
			Years of relevant experience wi	th other employer(s)		6	
Degree(s) / Years / Specialization		BS   2008   Civil Engineering	Year registered		2012		
Active registration number / state / expira	tion date	37334   LA   3/31/2025	Discipline	Civil			
Contract role(s) / brief descripti Ms. Beckendorf will review Road		•					
Experience dates [mm/yy-mm/yy]		nce and qualifications relevant to the proposed contract; nce specified in the applicable MPR(s).	i.e., "designed drainage", "designed girders", "d	esigned intersection", etc.	Experience	dates should	d cover the time years of
her career she has specialized in reprojects of complex nature and surprogram and East Baton Rouge Pathese projects, combined with hering geotechnical engineering, surve Acquisition, drainage, and roadway FHWA-NHI-142005 NEPA and to Traffic Engineering Analysis Process & Report - Module 2  Process & Report - Module 3	cadway e cceeded i rish Sanit knowledg eying & m design. N ne Transp		ainage design. For the past six plus ye project outcomes. Before her manage he preliminary stages to design, on the ive her the ability to make a very effect, subsurface utility engineering, utility	ears, she has managed ment experience she w rough construction. W tive manager. She has coordination, lighting,	d and ass worked or ith her ex s manage traffic st	isted with n the East perience w ed every as udies and o	managing several Baton Rouge Greenlight vorking with EBR throug spect of projects includ- design, Right of Way
05/19 - 12/21	submi I-220 intercl one se	(1-20 Interchange Improvements to BAFB attal review for Volkert's team. The I-220/I-20 Into the south over I-20 as a limited access 4-landarge ramps providing interchange connectivite for the I-20 over pass and the second set for second for the base.   State Contract No. 44	nterchange Improvement and BAFB Ad ne arterial to a new terminus on Barks ty for the new access road. The project r the over- pass of the KCS RR. The pro	ccess project in Bossic dale Air Force Base (E t includes the constru	er Parish BAFB) and ction of t	consists of d includes wo sets of	f the extension of construction of four bridge structures,

roundabout with a combination of ditch drainage and subsurface drainage.

05/18-05/19



LA 929 at LA 930 Roundabout, Ascension Parish, LA (Ascension Parish Government). As project manager and lead engineer, Ms. Beckendorf coordinated all sub-consultants and supervised all work done on the project. This a new roundabout at LA 929 and LA 930. It consists of a one lane

Firm employed by: Volkert, Inc.	
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 years of experience specified in the applicable MPR(s).).
05/18 - 05/19	Plank Road, East Baton Rouge Parish, LA (Baton Rouge Metropolitan Airport). As project manager, Ms. Beckendorf coordinates between subconsultants, between the airport, the FAA, and LADOTD. She is responsible for the design of Plank Road (the new alignment), QA/QC of all components and supervision of all PE's, El's, and technicians working on the project's design. This is project is to relocate Plank Road along a new alignment. The project includes ROW acquisition and all the design for a new 4 lane highway with J-turns. It also includes ROW acquisition and all the design for additional lanes along Harding and Hooper Road. It also includes a new lighting system and new signalized intersection. This project is an Airport project, funded by FAA, but the road will be transferred to LADOTD.
10/15 - 09/16	I-10: Highland Road to LA 73 Supplemental Agreement No. 2, East Baton Rouge and Ascension Parishes, LA (LADOTD). Volkert was contracted to perform and prepare an Interstate Modification Report (IMR) to analyze the existing roadway networks and identify the best alternatives to improve capacity the interchange at I-10 and LA 42. As one of the Project Engineers, Ms. Beckendorf assisted in managing the project tasks. She performed 15-minute queue length analyses. She performed a crash study, including a crash analysis of all the intersections, segments, and spots using LADOTD manual for Crash Data Analysis and crash1b software, pulling crash reports, analyzing the over representation, and drawing crash diagrams. Lastly, she has assisted in the time travel study.   State Contract No. 4400004915 SA 2, S.P. No. H.009250
01/15 - 04/15	Clarence Henry Truckway Right Turn Lane Addition   New Orleans, LA   Port of New Orleans. As Project Manager and Project Engineer, Ms. Beckendorf provided roadway engineering for a right turn lane addition of approximately 1 mile in length. The scope of her work included plans, specifications and quantities with plan elements such as typical sections, plan sheets, striping and signing, sequence of construction and traffic control. Volkert is responsible for the preliminary submittal through the 100% final design plan submittal.
04/14 - 12/15	Magnolia Converted Pedestrian Bridge Rehabilitation   New Orleans, LA   City of New Orleans. Ms. Beckendorf designed ADA compliant sidewalks and ramps. Volkert is responsible for providing design, engineering and construction management services to the City for the rehabilitation of a late 19th century bridge over Bayou St. John.
04/14 - 12/14	St. Landry Road – Edenborne Connector, Ascension Parish, LA (Ascension Parish Government). As Project Engineer, Ms. Beckendorf provided roadway design engineering including plan profiles, specifications, geometrics, typical cross sections, and striping and signing plans. For the sewer work, she designed gravity and force main lines and assisted with the design of the pump station and site layouts. The project consists of providing provide an environmental impact study, right away analysis, full roadway and utility design, and bid services for a divided facility that will connect St Landry Ave. and Edenborne Connector. Volkert is responsible for the initial preliminary information submittal through the 100% final design plan submittal.



Firm employed by: Volkert, Inc.					
Robert Vermillion, PE, CPESC   Roadway Design Engineer			Years of relevant experience with this employer		25
			Years of relevant experience with other employer(s)	0	
Degree(s) / Years / Specialization		BS   1996   Civil Engineering	Year registered	2022	
Active registration number / state / expiration	n date	46688   LA   9/30/2024	Discipline	Civil	
Contract role(s) / brief descriptio Mr. Vermillion will review roadway					
Experience dates [mm/yy-mm/yy]		nce and qualifications relevant to the proposed contract; i.e., "designed nce specified in the applicable MPR(s).	d drainage", "designed girders", "designed intersection", etc.	Experience	dates should cover the time years of
sive professional, technical, coordin- sector entities and the public on hig Professional Engineer: AL #25137	ation, an hly diver C	998 and is responsible for civil engineering design for a did liaison experience working with federal agencies, incluse and complex projects throughout the United States. Nertified Professional: Erosion & Sediment Control #4541	ding FEMA, state agencies, local governments, ut fr. Vermillion's certifications include:	tility entit	ies, and other public and private
11/11 - 12/20	I-59/I-20 Bridge Rehabilitation for Alabama Department of Transportation (ALDOT). Project Manager. This fast-tracked project replaced the bridge substructure & superstructure for Interstate I-59/I-20 in the Birmingham Central Business District of Downtown Birmingham, AL with a segmental bridge. The previously existing bridge, which extends from just east of the I-59/I-20 and I-65 route interchange to east of US 31, was constructed in the 1970s. Current traffic demand is twice as much as the bridge was designed for and has fatigued the bridge deck and girders, hastening the need to provide maintenance to this important link in the Alabama transportation network. In addition to the replacement of the I-59/20 CBD Bridge, safety was improved by eliminating existing left-hand ramps and weaves and replacing them with ramps into and out of downtown Birmingham via 17th Street North, US 31 and 31st Street North.				
11/11 - 12/20  I-20 Pavement Rehabilitation from I-59 to Interchange Ramps West of CR-74 (Kilgore Drive) in Jefferson County, AL (ALDOT). Mr. Vermillion served as Project Manager for the development of final pavement rehabilitation roadway plans for 2.7 miles which required the removal of the existing concrete pavement and construction of asphalt pavement. Milling and asphalt overlay was also performed on all ramps within the project limits. Signing and striping were also included in the project scope. The interstate was shut down, one direction at a time, during removal and replacement of the pavement. Traffic control for the closed interstate consisted of providing an adequate detour for traffic but also allowing businesses and residents at the affected interchanges to stay accessible.					
05/96 - 01/17					



Firm employed by: Volkert, Inc.	
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 years of experience specified in the applicable MPR(s).].
01/16 - 12/16	I-65 Interchange Modification along Lakeshore Drive in Homewood, AL. Project Manager. The purpose of the project was to provide operational improvements to reduce congestion and delays experienced on Lakeshore Parkway, specifically near the I-65 Interchange. This project, along Lakeshore Parkway at the I-65 Interchange is between Wildwood Parkway and Green Springs Highway in Jefferson County, Alabama. The project consisted of reconfiguring the existing interchange into a Diverging Diamond Interchange (DDI) to provide extra capacity through the corridor.
10/02 - 01/10	I-20 Lane Addition and Rubblization in St. Clair and Talladega Counties, Alabama, for the Alabama Department of Transportation (ALDOT).  Project Engineer. The project consisted of final plans for rubblizing and overlaying the existing concrete pavement, adding an additional inside lane in each direction, and constructing a 54" concrete median barrier for 10 miles of I-20. Rubblization and asphalt overlaying was also done on all ramps and crossroads within the project limits. Survey services consisted of establishing centerline, obtaining ground line profiles, obtaining topographic data, obtaining cross sections at 50-foot intervals and setting reference points along the centerline. Environmental permitting was completed by ALDOT.
09/00 - 05/07	Birmingham Northern Beltline in Jefferson County, Alabama (ALDOT). Mr. Vermillion served as Project Manager for the development of preliminary and final design for a 10-mile stretch of the Birmingham Northern Beltline, which is to be a six-lane, access-controlled highway that extends from west of Mt. Olive Road to east of Glennwood Road. The roadway section included a four-level, fully directional interchange with I-65, as well as, diamond interchanges at Mt. Olive Road, US 31, and Glennwood Road. Approximately two miles were widened to accommodate the new interchange and 20 bridges were designed for the project.
08/03 - 01/04	US 231 over Shoal Creek in St. Clair County for the Alabama Department of Transportation (ALDOT). Project Manager. Volkert provided the construction plans for the replacement of the existing Shoal Creek Bridge which has 12-foot lanes, two-foot shoulders, reinforced concrete deck, and steel substructure. The bridge replacement was designed by ALDOT, with Volkert providing construction plan sets, and will have 12-foot lanes and 10-foot shoulders with a reinforced concrete substructure and superstructure. Volkert designed the roadway approaches, which are a new two-lane facility with 12-foot wide lanes and 10-foot shoulders. The roadway approaches are approximately 1,500 feet on each side of the bridge. Survey services included GPS horizontal and vertical control, traverse crossroads and streams, locate right-of-way and utilities, prepare right-of-way maps, set reference points for the proposed alignment, and prepare tract maps and deeds. Environmental permitting was done by ALDOT.
04/97 - 02/99	I-565 Extension Interchange with US 72 (Maysville Road) in Huntsville, Alabama, for the Alabama Department of Transportation (ALDOT).  Roadway Project Engineer The project consisted of final plans for 6 miles of a multi-lane extension of I-565 to US 72. Special design considerations for rock cuts were required for the interchange that was located on a mountain face. All field surveys and final design were in metric. The work effort consisted of roadway, bridge, signing, signalization and lighting plans, including hydraulic design with detention ponds. Mr. Vermillion assisted with earthwork balancing, profile adjustments, drainage analysis and CADD work associated with this project.



Firm employed by: Volkert, Inc.	Firm employed by: Volkert, Inc.					
Sam Matheny   Rail/Freight		Years of relevant experience with this employer		2		
			Years of relevant experience with other employer(s)		40	
Degree(s) / Years / Specialization		BA   1985   Civil Engineering	Year registered	N/A		
Active registration number / state / expiration	date	N/A	Discipline	N/A		
Contract role(s) / brief description Mr. Matheny will review any railroad		oonsibilities: it submittals and aid with any railroad related coord	ination.			
	-	ce and qualifications relevant to the proposed contract; i.e., "designed ce specified in the applicable MPR(s).	drainage", "designed girders", "designed intersection", etc.	Experience	dates should cover the time years of	
document management and control; or railway track and bridge construction; construction; industrial and military s	Mr. Matheny joined Volkert in 2021. He brings 40 years of construction experience including program/project management; construction engineering; construction quality control; construction document management and control; estimating; drawing and specification preparation; cost control; and critical path schedule management. He has managed projects and programs involving railway track and bridge construction; concrete pavement projects including elevated rail platforms, airfield runways, RCC dams, and marine facilities; piers and ship lifts; highway bridge construction; industrial and military structures; and other heavy civil construction with project/program values up to \$350M. He is experienced in managing various contract delivery method in the private and government sectors including firm fixed price, design build, fixed unit rate, and cost reimbursable contracts including private and government funding.					
O1/23 - O1/25 (est.)  Alabama State Port Authority (ASPA) Montgomery Express Program Management, Montgomery, AL. As Program Manager, Volkert is effectively managing the project as an extension of the Alabama State Port Authority staff. The purpose of this project is to design, construct, equip and commission an ICTF near Montgomery Alabama to support existing international shipping volumes, as well as future growth. The project includes earthwork; erosion control; soil stabilization; drainage improvements; utilities, high mast lighting and compressed air lines; approximately 25,000 feet of new track with turnouts; multi-track at-grade crossings; stormwater detention; container storage yard served by reach stackers; chassis staging area; four-bay stacking facility served by two 97 foot span RTG's and other related equipment; access roads and entrance facilities to highway 31; perimeter security fencing and cameras; and administration/maintenance facilities.					s to design, construct, equip and mast lighting and compressed stainer storage yard served by ment; access roads and entrance	
12/22 - 12/23 (est.)  France Railroad Yard Expansion Project, sub to Linfield, Hunter, & Junius, Inc., New Orleans Public Belt Railroad Commission For the of New Orleans. As a subconsultant, Volkert is providing civil and electrical engineering services covering the railroad track design and the yard of lighting system within the scope.						



Firm employed by: Volkert, Inc.	
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 years of experience specified in the applicable MPR(s).].
Experience Prior to Joining Volkert: Crouch Engineering Inc. (2016 to 2021)	CSX Railroad, Public Projects Management Contract: Senior Construction Manager for field personnel. Contract was awarded for the tracking and management of all CSX Public Projects in the State of Tennessee. Approximately 120 small to medium public and private utility and road projects involving crossing agreements and/or work on CSX Right-of-Way have been managed under this contract to date.
	Norfolk Southern Railroad, Charlotte Gateway Station Development, Charlotte, NC: NSR's on site Senior Construction Manager for the construction of eight railway bridges; an 1,100 foot double track elevated passenger platform and canopy; and construction of double track to serve the passenger platform being constructed by the North Carolina Department of Transportation under a Federal TIGER Grant.
	Knoxville and Holston River Railroad, Western Avenue (SR 62) Realignment and Widening, Knoxville, TN: Senior Construction Manager. Construction of two state highway underpass bridges; repair, restoration, and replacement of four railway bridges; restoration, upgrading, and replacing two miles of double track.
	Patriot Rail Company LLC, Mill Creek and Willow Creek Railroad Trestle Removal and Replacement, Butte, MT: Senior Construction Manager. Removed and replaced four trestle approach sections of railroad track alignment to facilitate the removal and replacement of the Mill Creek and Willow Creek railroad trestles.

Firm employed by: Volkert, Inc.					
Jonathan Gambino, PE, PTOE, RSP1   Project Engineer / Traffic		Years of relevant experience wi	th this employer	2.5	
		Years of relevant experience wi	th other employer(s)	8	
Degree(s) / Years / Specialization	BS   2012   Civil Engineering	Year registered	201	7	
Active registration number / state / expiration d	te 41496   LA   9/30/2023	Discipline	Civil		
Contract role(s) / brief description o Mr. Gambino will review traffic subm	responsibilities: ittals including IMR and traffic signal o	comments.			
·	perience and qualifications relevant to the propose perience specified in the applicable MPR(s).	d contract; i.e., "designed drainage", "designed girders", "d	esigned intersection", etc. Experien	nce dates should co	over the time years of
Mr. Gambino joined Volkert in 2020 and has 10 years of experience developing civil and traffic engineering plans, specifications, and studies. This includes identifying and adhering to apstate policies and procedures for project plan development. His experience includes the use of MicroStation, InRoads, AASHTOWare Project, VISSIM, Vistro, Synchro plus SimTraffic, Sidra section, HCS, Tru-Traffic, AutoCAD, ACAD Civil 3D, CORSIM, TEAPAC, and TS/PP Draft programs. Mr. Gambino's certifications include:  PTOE (#4433)  ATSSA Flagger Certification  RSP1 (#587)  ATSSA Traffic Control Technician Certification  Traffic Engineering Analysis Process & Report, Module 1, 2, 3 (2019)					
IMR Highland Road to LA 73, East Baton Rouge and Ascension Parishes, LADOTD   The interchange of I-10 at LA 42 (Highland Road) has been experiencing capacity issues as well as queuing along Highland Rd. The purpose of the Interchange Modification Report (IMR) is to analyze the existing roadway network and identify the best alternative to improve capacity at I-10 and Highland Rd interchange as well as any alternatives to improve Highland Rd. The goal of the project is minimize queuing on to the interstate. Mr. Gambino was responsible for coordinating a significant amount of data collection such as 7-day volume and classification counts, a speed study, travel time study, and field observations. This information will be input into a VISSIM simulation model and calibrated to match the field conditions. This model will be used to help identify the best alternatives to improve capacity, increase safety, and reduce delay the Interchange at I-10 and LA 42 in both the interim and long-term stages.					alyze the existing to improve Highland at of data collection into a VISSIM
T D	Owner Verification Services for College Drive Flyover Ramp (I-10/I-12 west) in East Baton Rouge Parish for the Louisiana Department of Transportation and Development (LADOTD)   Mr. Gambino served as Traffic Engineer for this project that consisted of modifying the I-10 West/Coll Drive exit into separate I-12 West and I-10 West exits. Volkert provided all necessary engineering services as part of this Design-Build/Owner Verification project. This included design reviews for bridges, roads, hydraulics, electrical and ROW Acquisition efforts as well as contract administration, scheduling document control, and construction phase services.   SP No. 4400019680, S.P. No H.013897.				the I-10 West/College /Owner Verification



Firm employed by: Volkert, Inc.	
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 years of experience specified in the applicable MPR(s).].
02/20 -11/21	Joe Sevario Road at LA 933 Roundabout, Ascension Parish, LA (sub to SJB Group, LLC for Ascension Parish)   Mr. Gambino is serving as Traffic Engineer for this project. SJB provided civil engineering, survey, SUE services and Volkert provided engineering support including development of a traffic study and geometric layouts for this roundabout to alleviate congestion and delays along this corridor.
10/15 - Ongoing	MacArthur Interchange Completion Phase II, Jefferson Parish, LA (LADOTD)   Mr. Gambino is serving as Traffic Engineer for this project. This project includes the removal of one-off ramp and the addition of another on and off ramp eastbound of the West Bank Expressway in New Orleans. He also has served as the QA/QC manager of the plans and design which has encompassed the review of the constructability of various design and detail options. An example is to recommend drilled shafts instead of driving piles to minimize interference with the ground traffic and problems with the vibration during pile driving and overrun pile pay quantities. The project presents several challenges to its designers given it requires the strategic removal of a portion of the existing bridge made of the prestressed concrete box girders and transitioning to its two new bridge ramps. Working within the existing right of way and managing the movement of traffic during construction is among other requirements and challenges.   S.P. No. H.011309.
08/17 - 02/20	Plank Road, East Baton Rouge Parish, LA (Baton Rouge Metropolitan Airport)   Mr. Gambino served as Traffic Engineer for the design of Plank Road (the new alignment). This is project is to relocate Plank Road along a new alignment. The project includes ROW acquisition and all the design for a new 4 lane highway with J-turns. It also includes ROW acquisition and all the design for additional lanes along Harding and Hooper Road. It also includes a new lighting system and new signalized intersection. This project is an Airport project, funded by FAA, but the road will be transferred to LADOTD.
09/20 - 09/21	Oak Harbor Bridge Repair for LADOTD   Mr. Gambino served as Project Manager. The bridge was struck by an excavator on a lowboy and several of the girders were damaged. Volkert provided a design and plans to repair the Oak Harbor bridge over I-10. The repair was designed is an in-place repair for any damaged prestressed girders as a result of the accident. Volkert followed the processes and procedures required by LADOTD to authorize the in-place repair. As a subconsultant to Kort Volkert reviewed as-build drawings and current inspection reports for the bridge prior to design, participated in field visits to perform damage assessments, and prepared a recommendation report that detailed the damages and load rating analysis to verify current capacity with current stresses on the structure. Volkert also provided as needed construction administration during the repairs.
06/17 - 06/18	I-10 Widening Design/ Williams Blvd. Interchange to Veterans Blvd. Interchange   Mr. Gambino served as Project Engineer. This project involved the widening of I-10 between the Williams Boulevard and Veterans Boulevard interchanges in Jefferson parish. The total project length was 1.85 Miles. The project consisted of constructing one 12' additional lane with a 12' inside shoulder along I-10 eastbound and westbound roadways with median barrier. Additionally, an auxiliary lane was added to the outside of the eastbound roadway from the entrance at Power Boulevard to the exit at Veterans Boulevard. As a part of this project, the existing bridges over Canal No. 3 and Veterans Boulevard were replaced, and sound barriers were constructed on the north side of the I-10 westbound bridges. Volkert was responsible for the development and road design, drainage design and Traffic Management Plans.



Firm employed by: Volkert, Inc.						
Alyssa Bienes, PE   Project Engineer / Tra	Years of relevant experience with this employer	1				
		Years of relevant experience with other employer(s)				
Degree(s) / Years / Specialization	BS   2017   Civil Engineering	Year registered	2021			
Active registration number / state / expiration date	45767   LA   3/31/2024	Discipline	Civil			
Contract role(s) / brief description of responsibilities:						
a. Dianas will review traffic submittals including temporary and permanent signal design						



Ms. Bienes will review traffic submittals including temporary and permanent signal design.

Experience dates	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time years of
[mm/yy-mm/yy]	experience specified in the applicable MPR(s).

Ms. Bienes joined Volkert in 2021, she has 6 years of experience in the Transportation/Traffic Engineering Field including signal warrant analysis, data collection, traffic impact analysis, roundabout analysis, crash data analysis and safety studies, modeling and traffic signal design. She is proficient in the use of AutoCAD, Adobe Illustrator, Synchro 8, and Highway Capacity Software. She has experience using VISSIM and MicroStation. She has three years of experience in assisting professional engineers in high profile projects in the Transportation/Traffic Engineering field. She has prepared figures, performed QA/QC, conducted field observations and inspections, assisted in writing reports for safety studies and an Interchange Modification Report (IMR). She is a member of the Institute of Transportation Engineers (ITE). Ms. Bienes' certifications include:

ATSSA Flagger Certification

ATSSA Traffic Control Technician Certification

Traffic Engineering Analysis Process & Report, Module 1, 2, 3 (2018)

07/21 - Ongoing	IMR Highland Road to LA 73, East Baton Rouge and Ascension Parishes, LA (LADOTD)   The interchange of 1-10 at LA 42 (Highland Road) has been experiencing capacity issues as well as queuing along Highland Rd. The purpose of the Interchange Modification Report (IMR) is to analyze the existing roadway network and identify the best alternative to improve capacity at I-10 and Highland Rd interchange as well as any alternatives to improve Highland Rd. The goal of the project is minimize queuing on to the interstate. Ms. Bienes developed the Data Collection Reports and Phase 1 Deliverable. A particularly challenging aspect of the data collection process was the demand estimation which Ms. Bienes completed in direct coordination with LADOTD. The IMR also required a VISSIM model and Ms. Bienes is developing the model to meet LADOTD calibration requirements.
07/21 - 07/24 (est.)	SW Regional Airport Blvd & SW I Street   This project included the traffic study for the intersection of SW Regional Airport Rd (Hwy 12) at SW I St in Bentonville, Arkansas. The objective of the study was to evaluate the existing and projected operating conditions and develop improvements for the intersection. Ms. Bienes completed the traffic data collection, intersection analysis, development and analysis of alternatives. She also presented all findings in a report and has begun the signal design for the chosen build alternative.

Firm employed by: Volkert, Inc.	
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 years of experience specified in the applicable MPR(s).).
01/20 - Ongoing	IH-35 Capital Express North   The I-35 Capital Express North project proposes to add one non-tolled high-occupancy vehicle managed lane in each direction along I-35 from SH 45 North to US 290 East. Ms. Bienes helped incorporate comments on the signal plans. She also developed a system to ensure that all comments were addressed and logged.
Prior to joining Volkert: 02/16 - 12/18	LADOTD, Loyola Interchange IMR   Ms. Bienes was a project team member for an Interchange Modification Report in Kenner, LA. The interchange is recommended to be improved based on the relocation of the airport terminals which will divert traffic through this interchange. Ms. Bienes has worked on traffic volume development, including isolating airport traffic from background volumes and determining the origin of airport related trips. Worked on the VISSIM base model creation and report development. Aided in the preparation for and conduction of all public involvement events. Created summaries of all public involvement events.
Prior to joining Volkert: 02/16 - 12/18	I-10 Environmental Assessment   Ms. Bienes was a team member working on the project to increase capacity of I-10 in East and West Baton Rouge parishes. Ms. Bienes was responsible for safety tasks which included reviewing crashes and correcting crashes in DOTD master spreadsheet. Ms. Bienes also worked on the Enhanced Interchange Safety Analysis Tool tasks included dividing into segments, inputting cross section, roadside, ramp, traffic and crash data. Ms. Bienes completed Vissim tasks included inputting volumes and checking volume input and output. Ms. Bienes aided in field observations included collecting data regarding queue lengths and unmet demand at intersections of interest. Ms. Bienes conducted operational analysis of existing and projected conditions using Synchro Software. Ms. Bienes utilized a TransCAD model to develop a growth rate as well as redistribute trips on a modified interchange.
Prior to joining Volkert: 02/16 - 12/18	Muddy Creek TIA   Ms. Bienes was a team member working on the Traffic Impact Analysis (TIA) for a new residential development in Ascension Parish, LA. Ms. Bienes assisted in data collection including volume collection in the area of the proposed development. She led field observation tasks used to make decisions about sight distances. She conducted existing and projected conditions capacity analysis and roadway capacity analysis. She conducted turn lane warrants.
Prior to joining Volkert: 02/16 - 12/18	Linear Park   Ms. Bienes was a team member working on the Traffic Control Device Plan (TCDP) for the lane closures required for the ground/soil testing prior to the removing of transmission poles in the median of Convention Center Blvd in New Orleans, LA. Ms. Bienes aided in the design and production of TCDP to shift downbound vehicular traffic to the parking lane and close the median openings in the project area.
Prior to joining Volkert: 02/16 - 12/18	Houma Mixed Use TIA   Ms. Bienes was a team member working on the Traffic Impact Analysis (TIA) for a new mixed-use development in Houma, LA. Ms. Bienes assisted in data collection including volume collection in the area of the proposed development. She conducted existing and projected conditions capacity analysis and roadway capacity analysis. She conducted turn lane warrants.
Prior to joining Volkert: 02/16 - 12/18	H. 013076.5-1 US 90 TMP   Ms. Bienes aided in the Level 3 Transportation Management Plan (TMP) for bridge repairs on US 90 over I-10 in Calcasieu Parish, LA. Ms. Bienes collected crash data, reviewed individual crashes, created collision diagrams and conducted a full safety analysis of the area.



Firm employed by: Alliance Transportation G	iroup, LLC	)				
Arthur "Trey" Gamble, PE, PTOE   Engineer - Transportation Engineer		Years of relevant experience with this employer	employer		4000	
		, , , , , , , , , , , , , , , , , , , ,	Years of relevant experience with other employer(s)		7	
Degree(s) / Years / Specialization		MS   1997  Civil Engineering BS  1991  Civil Engineering	Year registered	2013		
Active registration number / state / expiration	on date	38295   LA   3/31/2024	Discipline	Civil		
Contract role(s) / brief description of Mr. Gamble is a Senior Transportation of Engineer # 4101 / all / Exp: 7/18/2	ion Engi	ineer for ATG with over 30 years of experience. He will pro	ovide QA/QC His certificaitons include: Professio	nal Traffic	Operations	
Experience dates [mm/yy-mm/yy]		nce and qualifications relevant to the proposed contract; i.e., "designed nce specified in the applicable MPR(s).	d drainage", "designed girders", "designed intersection", etc.	Experience	dates should cov	ver the time years of
11/18 - 06/20	Livingston Signal Timing, TxDOT Lufkin District, Livingston, TX – Trey was responsible for QA/QC, technical oversight, direction, and timing plan review as ATG performed traffic signal studies in TxDOT's Lufkin District as part of Work Authorization #1 for the Master On-Call Contract. Services included signal timing optimization and implementation for 10 intersections along US 190 in Livingston. ATG documented existing conditions and performed capacity analysis to determine Level-of-Service (LOS) of the existing signal timing plans. Signal optimization was performed in Synchro using existing volumes to develop new signal timing plans for typical weekday morning, mid-day, and afternoon peaks. In addition, ATG implemented signal timing in the field including on-site offset and timing adjustments.					
02/15 - 01/17	Prien Lake Stage 0 Traffic Study, City of Lake Charles, Lake Charles, LA Stage 0 Feasibility Study and Environmental Inventory for Prien Lake Road/Ihles Road, Calcasieu Parish, LA – The corridor study included an evaluation of existing conditions (2014) as well as future conditions (2034), estimated using the IMCAL Travel Demand Model and encompassed analyses and accompanying design standards and construction costs for improvements spanning the length of the corridor (approximately 1.5 miles), considering the anticipated future traffic growth.					uture conditions
10/13 - 06/18	Traffic Impact Analysis for Intersections, Axiall Corporation, Calcasieu Parish, LA – Traffic engineer responsible for overseeing construction and design support as part of the Owner Verification (OV) services. Tasks included project management and coordination of reviewing traffic-related submittals from the Design-Builder. Conducted thorough reviews of submittals including traffic analysis and traffic signal design plans. Comments were provided based on latest LADOTD standards and specifications as well as common engineering practices.					
10/11 - 08/12		8-0140 Vernon Parish Transportation Master Plan ( ering and planning services for the development of a par				

projects for inclusion in the plan was prepared based on a prioritized project list.



Constraints, and Alternatives Evaluation Study for five miles of US-171. Trey assembled and analyzed crash data and conducted supplemental field review and evaluation of existing facilities. The results were used to develop a profile of transportation safety, mobility, and capacity needs. The final program of

Firm employed by: Alliance Trans	Firm employed by: Alliance Transportation Group, LLC			
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 years of experience specified in the applicable MPR(s).).			
01/10 - 05/12	Nelson Road Traffic Study, City of Lake Charles, Lake Charles, LA – Senior Transportation Engineer. ATG evaluated the impact of the extension of Nelson Road from L'Auberge Boulevard to Sallier Street on the surrounding neighborhoods along Sallier Street. As a result of the analyses, the study included recommendations for improvements at the intersections of Shell Beach and Lake Street, Lake Street and Sallier Street, Nelson Road and Prien Lake Road, and the interchange of Nelson Road and I-210.			
04/09 - 06/14	H.004825 LA 28 Widening Environmental Assessment (EA), LADOTD, Pineville, LA – Project Engineer responsible for analyzing corridor traffic operations and analyzing corridor traffic improvement alternatives. The project traffic operational analysis was in support of the Stage 1 Environmental Assessment for LA-28 East to widen 6.5 miles from 2 to 4 lanes from LA-3128 to LA-1207. The study also included signal warrant analysis at six intersections within the corridor. Four alternatives (No-Build; Build with partial median openings and signals; Build with multiple roundabouts; and Build with one roundabout at LA 1207) were analyzed for the build and horizon year analyses.			
08/09 - Ongoing	City of Sulphur, City-Wide Traffic Signal and Mobility Analysis, Sulphur, LA – Project Manager. As part of an ongoing contract with the City of Sulphur to upgrade signal infrastructure, supervises staff in preparing signal warrant studies and construction plans for traffic signal modifications at signalized intersections. These modifications include full plan sets for new mast-arm signals, pedestrian signals, and crosswalk markings. Also responsible for providing cost estimation; bid items; specifications; bidding services; construction-based services in the form of shop drawing review and responding to contractor questions; project administration; and project oversight and inspection.			

Firm employed by: Alliance Transportation (	Firm employed by: Alliance Transportation Group, LLC				
JD Allen, AICP, WSO-CSSD, PTSCTP, TSSP-Rail/Bus   Traffic		Years of relevant experience with this employer		22	
	•		Years of relevant experience with other employer(s)		10
Degree(s) / Years / Specialization		MS   1991   Community and Regional Planning BS   1988   Economics	Year registered	N/A	
Active registration number / state / expirati	on date	AICP	Discipline	Plannir	ng
Contract role(s) / brief description of Mr. Allen will provide insight into loc		nsibilities: c patterns and impacts of the proposed construction as r	needed.		
Experience dates [mm/yy-mm/yy]		ice and qualifications relevant to the proposed contract; i.e., "designed ice specified in the applicable MPR(s).	d drainage", "designed girders", "designed intersection", etc.	Experience	dates should cover the time years of
Mr. Allen is an Executive Vice President	lent with	ATG. He has over 30 years of experience managing and	overseeing planning, traffic engineering, and tra	ffic mode	ling projects.
09/20 - Ongoing	LADOTD, College Drive OVS, Baton Rouge, LA / H.013897 – Project Principal is providing oversight of the technical oversight of Traffic Management Plans, Traffic Control Plans, IAJR submittal and traffic deliverables from the design-builder. The project includes ramp reconfiguration and corridor-level improvements to improve safety and levels of congestion in the project area.				
04/20 - 11/21	CATS, Plank Road/Florida Boulevard BRT Feasibility Assessment, Baton Rouge, LA / No.2019,0009 – Project Principal. Providing oversight of the volume forecasts, existing condition analysis, and alternatives analysis. Analysis of each location includes the development of an evaluation matrix to assist in the prioritization of potential BRT stops. Goals for the project include improving pedestrian and bicycle-oriented transit and improvement in transportation interfaces.				
McKalla Station Final Design, CapMetro, Austin, TX – JD is Principal in Charge on a Capital Metro project to complete the designs, environmental clearance, and public engagement for the new light rail station, the "McKalla Station." McKalla Station has been approved for construction on the "Red Line," Capital Metro's commuter rail service. The additional station on the Red Line will improve existing Red Line service and provide more opportunity for riders in one of the most rapidly growing areas in Austin. The project team is analyzing the project specifications and plans through the Envision Sustainable Infrastructure Scorecard, a system of criteria to identify best planning, design, and construction practices.			d for construction on the "Red and provide more opportunity for		
LADOTD, Statewide Technical Assistance for Transit (STAT), Statewide, LA / PO No. 2000042867 – Project Manager. This project is focused on developing an enhanced oversight program to ensure public safety on the New Orleans streetcar system. The project is critical to securing future federal funding streams in Louisiana. Tasks include implementing the Certification Work Plan, developing the State Safety Oversight Program Standard, develop new audit procedures, assisting with submissions to FTA, developing and reviewing new accident investigations procedures for the RTA, and reviewing an new revenue services.		ritical to securing future federal ght Program Standard, developing			



Firm employed by: Alliance Transportation (	Group, LLC
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 years of experience specified in the applicable MPR(s).].
10/19- 04/21	RGVMPO   2045 Metropolitan Transportation Plan   Rio Grande Valley, TX – JD provided direct supervision of the development of the 2045 MTP as well as the two subcomponent plans being a Ten-Year Transit Development Plan and a Regional Active Transportation Plan. JD oversaw the project management, public outreach, budget and schedule management and directing technical analysis across all three plans. He worked in close coordination with RGVMPO to help ensure that public engagement efforts for all three plans were carefully coordinated to guarantee that the community vision, goals and objectives were aligned across the plans. ATG completed the 2045 MTP Updates, which had two additional subcomponents, a Ten-Year Transit Development Plan and a Regional Active Transportation Plan. The ATG team worked in close coordination with RGVMPO to help ensure that public engagement efforts for all three plans were carefully coordinated to guarantee that the community vision, goals and objectives were aligned across the plans. ATG used its technical expertise in federal compliance review to pull the metrics from all applicable levels of analysis to develop a systems performance report and support the RGVMPO in their federal compliance review by the USDOT. As a Fast ACT compliant plan, the 2045 MTP is a long-range multimodal transportation plan that will help guide data-driven, state and federal transportation performance-based investments.
03/20 - 02/22	NLCOG MPO   2045 MTP Update   Shreveport, LA – ATG's specific assigned tasks include development of an expanded travel demand model (TDM) to incorporate one additional parish and update the source code for the model to TransCAD 8.0; defined public engagement strategy to utilize a combination of virtual and in-person events to gather community and stakeholder input; and identification of improvements for mobility of freight, transit, pedestrians, and cyclists. The plan will also establish performance measures and project prioritization to not only comply with FAST Act requirements, but to provide a framework for performance-based decision making and scenario review. When complete, this plan will support development of a future transportation system that addresses the community's vision, goals, and objectives while complying with all state and federal requirements.
10/17 - 12/17	<b>LADOTD P3 Feasibility Study</b> – Project Principal for project that included strategic implementation planning, performed feasibility study of the tolling highways and bridges in Louisiana.

Firm employed by: Alliance Transportatio	n Group, LLO				_	
Alben P. Cooper III, PE, PTOE	Transpo	rtation Engineer	Years of relevant experience with this employer		1	
			Years of relevant experience with other employer(s)		15	
Degree(s) / Years / Specialization		BS   2006   Civil Engineering	Year registered	2011		
Active registration number / state / expir	ation date	36291   LA   9/30/2023	Discipline	Civil		
Contract role(s) / brief description of responsibilities:  Mr. Cooper will provide comments on traffic engineering related submittals or questions.  His certifications include: PTOE #326 / USA / Exp. 05-02-2024 (Year Registered: 2012).		engineering related submittals or questions.				
Experience dates [mm/yy-mm/yy]		nce and qualifications relevant to the proposed contract; i.e., "designe nce specified in the applicable MPR(s).	d drainage", "designed girders", "designed intersection", et	c. Experienc	e dates should o	cover the time years of
08/22 - Ongoing	a traffi	Calcasieu Parish Traffic Initiative Traffic Impact Analysis, Calcasieu Parish, LA – Traffic Engineer responsible for overseeing the development of a traffic study to analyze potential improvements to LA 27 between LA 378 and High Hope St. in Calcasieu Parish, LA. The study is being performed per LADOTD Traffic Engineering Process and Report (TEPR) guidelines. Potential improvements include, but are not limited to, widening the roadway and installing a raised median. Potential improvements at LA 378 and High Hope St. are also being considered to reduce congestion and improve safety.				
09/22 - Ongoing	bicycle Alben	TxDOT, FM 60 University Feasibility Study, College Station, TX – As the lead engineer, Alben is responsible for the evaluation of pedestrian and bicycle demand and capacity for three potential grade-separated crossing on FM 60 between Wellborn Rd and Bizzell St./College Ave in College Station, TX. Alben is guiding the technical review of the pedestrian and bicycle system as well as the preparation of Synchro Software models to analyze three scenarios. Alben is leading the coordination with the Prime consultant.				
08/22 - 09/22	City of Temple, Temple Mobility Master Plan, Temple, TX – Alben provided Quality Assurance/Quality Control (QA/QC) services for the City of Temple Mobility Master Plan designed to guide the development and management of a state of the practice multimodal transportation system. His main role was to provide QA/QC services for the Synchro Software model which was developed based on TransModeler output including traffic volumes, intersections geometry and intersection control. Synchro models were developed for five different scenarios.					
10/11 - 10/18	The St LA 41 Rouge	ase Capacity of I-10 from Bridge to I-10/I-12 Split, stage 0 traffic study assessed the feasibility of improving stage 0 traffic study assessed the feasibility of improving stage of Lobdell Highway), Interstate 12 (I-12) from I-10 to LA p. LA. The study included analysis of the interchanges, maked heavy coordination between stakeholders such as DC	safety and increasing the capacity on Interstate 3064, and Interstate 110 (I-110) from I-10 to U erge and diverge ramp junctions, weaving segm	10 (l-10) f S 61 Busir	rom LA 3064 ness (Florida	4 (Essen Lane) to Boulevard) in Baton
10/11 - 08/20	Increase Capacity of I-10 from Bridge to I-10/I-12 Split, College Drive IMR, Baton Rouge, LA * - Alben was a project team member focused on		nember focused on the			



forward to a separate IMR. Alben's experience with the project in previous stages made him a critical member of the IMR QA/QC process.

preparation of the Stage 0 Feasibility Study, Stage 1 Environmental Assessment and the resulting IMRs including modifications to the I-10/I-12 westbound exit ramps to College Drive. Alben worked closely with the geometric design team to develop and vet multiple alternatives for improvements at the College Drive interchange. The proposed geometry and lane configurations were analyzed in Stage 0 and Stage 1 to determine a preferred alternative which moved

Firm employed by: Alliance Transportation G	roup, LLC
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 years of experience specified in the applicable MPR(s).].
08/16 - 08/21	I-49 South Feasibility Study, H.0051585, Lafourche/St. Charles/Jefferson Parishes, LA * – Alben was a project engineer for a project that included research and data collection, traffic data collection and Tier 1 Interchange analysis for the 13 interchanges along the proposed I-49 South corridor between Raceland, LA, in Lafourche Parish and the Westbank Expressway in Jefferson Parish. Alben's roles consisted of aiding in the collection and review of traffic data, determining peak period times for additional data collection, rerouting of existing traffic volumes, developing growth rates and projecting volumes to the design year, and analysis for the determination of traffic operations rankings for inclusion in the Tier 1 matrix. Alben worked closely with LADOTD to develop and implement methodology for the rerouting of traffic volumes to the proposed interchanges.
10/11 - 06/22	Pecue Lane / I-10 Interchange Environmental Assessment, LA, SP 700-17-0221* – Alben was the lead engineer as a subconsultant for the Pecue Lane / I-10 Interchange project. Alben was responsible for each phase of the project including a traffic study for the Stage 1 Environmental Assessment, an Interchange Justification Report update, a Transportation management plan, and traffic signal design. The preferred alternative for the interchange was determined to be a Diverging Diamond Interchange (DDI). Once constructed, this interchange will be the second DDI in Louisiana.
12/16 - 09/17	LADOTD, US 190 Superstreet, St. Tammany Parish, LA / H.005733.5* – Traffic Engineer responsible for the design of 15 permanent traffic signals along the US 190 corridor from I-12 to Sunshine Avenue in St. Tammany Parish, LA. The project involved converting the existing corridor to a "superstreet" corridor. This included modifying the existing signalized intersections to restrict lefts or throughs from the side streets onto US 190 and providing U-turns on either side of the main intersections. Due to the heavy traffic volumes along the corridor, the U-turns were also signalized. Worked closely with LADOTD to determine the traffic signal operation and locations for signal equipment that would not interfere with construction. Designed fiber interconnect plans to connect each of the signals into a coordinated system. A construction cost estimate was prepared utilizing the latest LADOTD items.
05/21 - 12/21	MSY Roundabout Evaluation, Jefferson Parish, LA * – As the lead engineer, Alben was responsible for the analysis of various scenarios to estimate the design life of the existing roundabout located at the entrance/exit of the MSY airport in Jefferson Parish, LA. Analysis was performed for various growth rates using Synchro software. Additional analysis was also performed for two potential improvements to the roundabout to determine if they would extend the design life of the intersection. The results of the analyses were graphed and summarized in a letter by Alben. The information was provided to be included in a presentation for airport personnel consideration.
*Prior firm experience	



irm employed by: Volkert, Inc.					
Ken Powers, PE   Electrical Engineer / Ligh	Years of relevant experience with this employer		15		
Territoria, Englisor / Eighting		Years of relevant experience with other employer(s)		10	
Degree(s) / Years / Specialization	BS   1996   Electrical Engineering	Year registered	2015		
Active registration number / state / expiration date	egistration number / state / expiration date 39559   LA   09/30/2023 Discipline Electric Compu				
Contract role(s) / brief description of responsibilities:					
Mr. Powers will review electrical and light					



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 years of experience specified in the applicable MPR(s).
exterior lighting systems, a	lectrical Engineer at Volkert for eight years. He rejoined the firm as the Electrical Department Manager. His experience includes roadway lighting systems, interior and irport lighting improvements, emergency generator systems, power system design, power and lighting renovations, lighting calculations, and utility company coordina-
tion.	
05/19 - 12/21	I-220/I-20 Interchange Improvements to BAFB Access Design-Build, Bossier Parish, LA (LADOTD). Mr. Powers was responsible for electrical design review for Volkert's team.   State Contract No. 4400016173, S.P. No. H.003370.6.
07/18 - 06/20	Causeway Shoulder Bay Design, Jefferson and St. Tammany Parishes, LA for the Greater New Orleans Expressway Commission. Mr. Powers served as Electrical Design Review for the Causeway Shoulder Bay Design   Volkert was selected to design essential and long-awaited shoulder additions. The bridge shoulders, comprising 12 "bays," will provide a space for disabled vehicles to pull over out of traffic. They will also increase safety for motorists and emergency personnel in the event of a crash. This project was executed using the Construction Manager at Risk (CMAR) alternative delivery method, a first for the state of Louisiana.
08/17 - 04/18	I-10: Highland Road to LA 73 Design-Build, East Baton Rouge and Ascension Parishes, LA (LADOTD). Mr. Powers served as Electrical Design Review for the Owner Verification Team (OVT). He was responsible for all electrical design review related to the design process on the Design-Build project. This project consists of upgrading a portion of I-10 in East Baton Rouge and Ascension Parish to a six-lane controlled access facility including construction of a new six-lane I-10 overpass at Highland Road.   State Contract No. 4400004915 TO 4, S.P. No. H.009250.
09/14-01/16	F-10 Widening Design-Build: Siegen Lane Interchange to the Highland Road Interchange, East Baton Rouge Parish, LA (LADOTD). This project consisted of widening F-10 from two-lanes in each direction to three-lanes in each direction (six-lanes total) with a 54-inch high center median single barrier or double barriers. Volkert is the lead design engineer and served as manager of design for the entire project by supervising all of the subconsultants for the project. Electrical design services included the development of design plans to light the roadway for the entire length of the project and lighting underneath the bridge over the railroad. This project was awarded an ACI Merit Award.   S. P. No. 450-10-0159.
04/15 - 10/16	Corridor X Lighting for the Alabama Department of Transportation (ALDOT). Mr. Powers served as the project manager and was responsible for overall project completion. The project consisted of a high mast lighting design for a portion of Corridor X (Interstate 22) at the Interstate 65 interchange.
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Firm employed by: Volkert, Inc.	
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 years of experience specified in the applicable MPR(s).].
	The design included photometric analysis, voltage drop calculations, conduit and conductor sizing, and utility coordination.
11/11 - 01/16	I-59/I-20 Bridge Rehabilitation for the Alabama Department of Transportation (ALDOT) in Jefferson County, Alabama. Electrical Engineer. This project will be constructed as two separate projects. The first project is identified as the 17th Street Corridor project and the second was the I-59/20 CBD Bridge Replacement project. As part of both projects, there were seven bridge replacements, 14 bridge widenings, and 10 new bridges along new ramp accesses as well as retaining walls constructed. Access into and out of downtown Birmingham from the I-59/20 CBD Bridges consisted of left-hand on/off ramps which were eliminated as part of this project. Access into and out of downtown was redesigned such that left-hand ramps were eliminated for the most part and more conventional righthand ramps were provided. New LED interstate lighting was provided, which included an extensive photometric analysis. Additional tasks include voltage drop calculations, conduit and conductor sizing, utility coordination, FAA coordination, and meetings with City and State personnel. The design also provided the electrical infrastructure (power and controls) for a decorative lighting system being designed by others. Mr. Powers served as the electrical project manager and Electrical Engineer of Record.
08/02 - 06/04	Interchange Lighting at I-65/US 43 and Corridor X/US 78, for ALDOT. The latter project consisted of the preparation of preliminary plans and final design for 10.5 miles of 8-lane freeway, including 6 interchanges, 5 grade separations, and a stream crossing. The preliminary design included bridges (prestressed girders on frame bents), roadway, hydraulic and detail traffic analysis, signing layout, cost estimates and public hearing presentation. Electrical services for both projects consisted of coordination with power company, site visits, and meeting with residents to discuss their needs or concerns, lighting and voltage drop calculations, and plan preparation for the roadway and interchange lighting. Mr. Powers performed lighting calculations, determined pole heights, pole locations, voltage drops, and wire sizes.
02/20 - 08/24 (est.)	LA 23: Belle Chasse Bridge and Tunnel (HBI) Improvements, Plaquemines Parish (LADOTD). Mr. Powers is serving as the electrical engineer for the Belle Chasse Bridge and Tunnel Improvements. Volkert will be responsible for providing all Engineering Design and Construction Support services including implementation of the Construction Quality Assurance Plan for the Belle Chasse Bridge & Tunnel Public Private Partnership (P3) Project which provides for the replacement of the Belle Chasse Tunnel and Judge Perez Lift Bridge with a new toll bridge. This includes the development of construction plans, bridge replacement plans, decommissioning of the Tunnel and development of O&M plans. As the OVT, Volkert will provide guidance and support to the LADOTD Project Manager prior to and during reviews, develop review comments, attend project meetings, ensure that the P3 adheres to their contract, and address other assignments as directed.



Firm employed by: Alliance Transporta	ation Group, LLO					
Jacob Sessions, PE   Transp	ortation Eng	ineer / ITS Lead	Years of relevant experience with this employe	r	9	
			Years of relevant experience with other employ	/er(s)	2	6
Degree(s) / Years / Specialization		BS  2010  Civil Engineering & Architecture	Year registered	2023		
Active registration number / state / ex	xpiration date	38295   LA   3/31/2024	Discipline	Civil		
Contract role(s) / brief descript Mr. Sessions will review and co		nsibilities: he ITS submittals to ensure compliance with the perfor	rmance specifications.			All I
Experience dates [mm/yy-mm/yy]		nce and qualifications relevant to the proposed contract; i.e., "designce specified in the applicable MPR(s).	ned drainage", "designed girders", "designed interse	ction", etc. Experien	ce dates shou	ld cover the time years of
09/16 - Ongoing	projec IAJRs,	TxDOT Corpus Christi District, Harbor Bridge GEC, Corpus Christi, TX – Jacob was tasked with design oversight for the Harbor Bridge Design-Build project to replace the existing harbor bridge structure. Jacob provided oversight into the traffic disciplines including traffic operations, plan set reviews, IAJRs, and general guidance for project development engineers. Jacob reviewed ITS, signal, and illumination plans developed for the project and addressed issues during construction regarding these elements.				
04/20 - Ongoing	location	TxDOT Ft Worth District, WWD PS&E, Ft Worth, TX – ATG was tasked with developing PS&E plans for the addition of twenty wrong way driver detection locations along the IH 820 corridor in Ft Worth. All locations are designed to include hardwired power connections and will interconnect via fiber into the existing corridor fiber duct bank. Jacob served as the ITS lead for the project.				
03/19 - 12/20	TxDOT Waco District, US 190/IH 14 PS&E, Belton, TX – As Project Manager, Jacob was tasked with designing the ITS, illumination, and signing/pavement markings for roadway improvements for five miles of US190 in Belton. Jacob served as ATG's project manager in leading the design effort. Project included safety illumination at underpass and entrance/exit ramp locations; ITS network including CCTV and DMS locations connected via fiber communications; and signing/pavement marking layout for ramp reversals and added through lane.			the design effort.		
07/18 - 07/21	<b>TxDOT Austin District, Parmer Lane ITS, Austin, TX</b> – As Project Manager, Jacob and the ATG team evaluated 15 miles of the Parmer Lane (FM 734) corridor in Austin for the inclusion of ITS elements. Over 80 locations were evaluated in the field to determine feasibility of ITS device placements. Safety, utility, obstruction, and connectivity conflicts were identified with potential mitigation measures summarized for design.					
10/15 - 09/20	TxDOT Austin District, IH-35 at Posey Road, Austin, TX – As ITS Task Lead,, Jacob developed the illumination and ITS plan sheets for the intersection reconstruction of IH-35 at Posey Road. Jacob led the effort for the ITS design including adding a fiber trunk line through the project limits for future use a relocating the existing wireless ITS infrastructure location.					
04/17 - Ongoing	TxD0	T Houston District, SH 99 GEC Segments D, E, F, a	nd G, Houston, TX - ATG was tasked by t	the GEC to perfor	m annual r	oadway inspections for

illumination, safety infrastructure, and tolling locations.



the existing segments of SH 99 in Houston. As Project Manager, Jacob led the ATG team in performing annual field inspections of the corridor. The field work includes visual inspections of the ITS infrastructure, roadway pavement, drainage (including pump stations), right-of-way area, bridges, signing, striping,

Firm employed by: Alliance Trans	sportation Group, LLC
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 years of experience specified in the applicable MPR(s).).
07/17 - Current	<b>TxDOT Houston District, SH 99 GEC Segments H and I, Houston, TX –</b> As Project Manager, Jacob assisted the GEC with design oversight for SH 99 segments H and I. Jacob provided oversight into the traffic disciplines including traffic operations, plan set reviews, IAJR's, and general guidance for project development engineers. Jacob reviewed ITS, signal, TCP, and illumination plans developed for the SH 99 corridor and addressed issues during construction regarding these elements.
07/17 - 08/20	TxDOT San Antonio District, SL 1604 PS&E, San Antonio, TX – ATG developed the signal, illumination, and intelligent transportation system design for SL 1604 from IH-35 to FM 78. Jacob is the task lead for the ITS design including fiber connected CCTV, RVSD, Bluetooth, and DMS device locations. Additional effort includes relocation of an existing fiber backbone HUB and inclusion of Smart Work Zone. The smart work zone includes temporary trailer mounted CCTV, DMS, and RVSD's, as well as queue warning systems and construction vehicle entering roadway warning signs with flashing beacons. Jacob served as ITS Task Lead.
06/17 - 07/18	<b>TxDOT Fort Worth District,</b> ITS Master Implementation Plan, Fort Worth, TX – As Project Manager, Jacob was tasked with developing exhibits to illustrate existing traffic signal and available ITS infrastructure. This information was then used to develop an Emergency Action Plan for the IH-20 corridor by diverting traffic volumes through other routes and developing proposed ITS infrastructure. Exhibits were created to show existing and proposed ITS device locations.
10/16 - 04/20	<b>TxDOT Houston District, SH 6 ITS Design, Houston, TX</b> — This project included the addition and PS&E plan set design of eight dynamic message sign locations and a CCTV location. Jacob led the design effort that included state, county, and local roadways for sign locations. The project also included coordination effort through all entities and the sharing of fiber connections through the interstate and arterial roadways. The sign locations were used to warn drivers of flooded conditions on SH-6 through Houston. Seven signs utilized fiber connections with the remaining sign utilizing wireless communication.
09/15 - 06/17	TxDOT Austin District, ITS Five-Year Master Implementation Plan, Austin, TX — ATG was tasked with developing a five-year ITS master implementation plan for the IH-35 corridor in the TxDOT Austin District. As Deputy Project Manager, Jacob led the effort to develop the master implementation plan utilizing the systems engineering v-diagram approach. This project included inventorying current ITS equipment and utilizing GIS as an inventory tool. Jacob developed a high-level conceptual schematic showing how an active traffic management system could be laid out across the full 80-mile corridor. The ATMS included lane control systems, CCTV, DMS, Radar, GRIPS, HAR, Wifi, actively controlled signals, etc. The master plan project also included discussions regarding the inclusion of CAV technologies and the design of a five-year plan that would allow for easy adaptation as technologies evolve.

Firm employed by: Carbo Landscape Architecture					
Zachary Broussard, PLA ASLA   Lands	cape Architect	Years of relevant experience with this employer		12	
	Years of relevant experience with other employer(s)		3		
Degree(s) / Years / Specialization	Bachelor of Landscape Architecture   2008	Year registered	2015		
Active registration number / state / expiration date	PLA #B-109   LA   01/31/2024	Discipline	Landsc Archited		



Mr. Broussard will provide review and comment on landscape and hardscape submittals for this project.

Zach Broussard is a Partner in the Baton Rouge office of CARBO. He joined the firm in 2010 and has previous experience with landscape architecture firms in Texas, Louisiana, and Florida where he was involved with a variety of domestic and international projects. These projects ranged in scale from residential commissions and seasonal displays to botanical gardens, resorts, and large-scale, mixed-use developments. He has developed a wide range of technical and practical skills through his eight years of professional experience, bringing a holistic design approach to projects.

Zach received a Bachelor of Landscape Architecture in 2008 from the Robert Reich School of Landscape Architecture at Louisiana State University, where he was also the Dean's Medal Recipient. He is a Registered Landscape Architect in the State of Louisiana and is an active member in the Louisiana Chapter of the American Society of Landscape Architects.

As a Partner, Zach leads many of CARBO's projects within the Gulf South, and he has led the design team on several award-winning projects. He is involved with all stages of the design process, and his keen sense of design and attention to detail generate a high level of quality through all phases. Zach is responsible for managing key office systems, coordinating project team members, maintaining client and consultant relationships, managing document production, and estimating project construction costs.

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 years of experience specified in the applicable MPR(s).
01/16-07/18	Nicholson Gateway – Roadway Alignment and Planting Design
03/23-05/23	I-10 Calcasieu River Bridge – Conceptual Gateway Design
02/22-11/22	Haveston Streetscape – Drainage and Planting Design

## CONSTRUCTION SERVICES

Gregory Mays John Conley Coty Hardy Paula Garrett

Joshua Angelloz

Gary Broullete

Ralph Liggins

Todd Campbell

Chris Bruno

James Brown, Jr.

Scott Courville

Steve Haise

Robert Abshire

David Wyllie

Glynn Grant

Cale Fontenot

Brady Dearbonne

Parker Scheuermann, El

Carson Washington, PE

Jessica Pousson, PE

Venu Tammineni, PE

Michael McKinney

Justin Ator, CET

Trace McBride

Ryan Williamson, El Gregory Mattson, II, PE

VOLKERT

Firm employed by: Volkert, Inc.						
Gregory Mays   LADOTD Certified Inspector		Years of relevant experience with this employer		6	Name and Address of the Owner, where	
	,		Years of relevant experience with other employer(s)		12	
Degree(s) / Years / Specialization	Years / Specialization N/A Year registered N/A			66		
Active registration number / state / expirat	on date	N/A	Discipline	N/A		
Contract role(s) / brief description Mr. Mays will provide inspection		•				
Experience dates [mm/yy-mm/yy]		nce and qualifications relevant to the proposed contract; i.e., "designed nce specified in the applicable MPR(s).	d drainage", "designed girders", "designed intersection", etc	c. Experience	dates should co	ver the time years of
entering data into DOTD's Site Man ATSSA Traffic Control Supervisor ATSSA Traffic Control Flagger OSHA 10-hour Construction Safety		em. This includes data for daily reports, scanning docun LADOTD Embankment & Base Course Ins LADOTD Asphalt Concrete Plant Inspecto	spector	es, LIMS da	ata and Site N	Manager Materials.
08/19 - 09/20	and in Martin concre aspha approa metaly place s	Videning: LA 347 to Atchafalaya Floodway Bridge, Saspection (CE&I) services to GEC for the widening and recomparish, Louisiana. The project consisted of clearing and sete, removal of PCC pavement, temporary detour roads, colt, PCC pavement, temporary and permanent striping, so each slabs, cast-in-place concrete and flexible revetments, work, epoxy-urethane overlay, precast concrete pilings, distructural (Class A1) concrete footings, columns, caps, a videning – very minimal stretch of east bound) and .2 miled to the sub-base and replaced with over 100,000 tons	onstruction of I-10 from the LA 347 overpass to grubbing, excavation and embankment, grading class II base course, Superpave asphaltic concretil cement and lime treatment of sub-base, concil, temporary and permanent sheet pile, removal cilled shafts, precast prestressed concrete girdeend bridge decks. The project was a total reconst les of bridge (only widening west bound bridges)	the Atchar g, drainage te paveme rete roadwo of bridge d rs, electric ruction and	falaya Floodw e structures, co ent, open grad ay barrier, gua leck (hydro-bla al systems an d widening of	ay Bridge in St. old plaining asphaltic led friction course ardrail, concrete last), structural d lighting, cast-in- 3.2 miles of roadway
04/20 - Ongoing	clearing detour permain and flee concre	Videning and Reconstruction, Route I-10 (LA 328 to any and grubbing, excavation and embankment, grading, or roads, class II base course, Superpave asphaltic concretanent striping, soil cement and lime treatment of sub-basexible revetments, temporary and permanent sheet pile, ete pilings, drilled shafts, precast prestressed concrete greate footings, columns, caps, and bridge decks. Mr. Mays	drainage structures, cold plaining asphaltic conc te pavement, open graded friction course aspha e, concrete roadway barrier, guardrail, concrete removal of bridge deck (hydro-blast), structural irders, electrical systems and lighting, weigh-in-r	rete, remo alt, PCC pa approach metalwork, notion, cas	val of PCC par vement, temp slabs, cast-in- , epoxy-uretha st-in-place stru	vement, temporary orary and place concrete ine overlay, precast



Firm employed by: Volkert, Inc.						
John Conley   LADOTD Certified Inspector			Years of relevant experience with this employer		6	
			Years of relevant experience with other employer(s)		0	· Call
Degree(s) / Years / Specialization		N/A	Year registered	N/A		
Active registration number / state / expira	tion date	N/A	Discipline N/			THE REAL PROPERTY.
Contract role(s) / brief descripti Mr. Conley will provide inspection		•				
Experience dates [mm/yy-mm/yy]		nce and qualifications relevant to the proposed contract; i.e., "designed nce specified in the applicable MPR(s).	d drainage", "designed girders", "designed intersection", etc.	Experience	e dates should co	over the time years of
LADOTD Embankment and Base C LADOTD Nuclear Device Operator ATSSA Traffic Control Supervisor ATSSA Traffic Control Technician ATSSA Traffic Control Flagger OSHA 10 Construction Safety and		pectol				
08/19-09/20	<b>I-10 Widening: LA 347 to Atchafalaya Floodway Bridge, St. Martin Parish, LA (LADOTD c/o GEC, Inc.)</b> Volkert provided construction engineering and inspection (CE&I) services to GEC for the widening and reconstruction of I-10 from the LA 347 overpass to the Atchafalaya Floodway Bridge in St. Martin Parish, Louisiana. The project consisted of clearing and grubbing, excavation and embankment, grading, drainage structures, cold plaining asphaltic concrete, removal of PCC pavement, temporary detour roads, class II base course, Superpave asphaltic concrete pavement, open graded friction course asphalt, PCC pavement, temporary and permanent striping, soil cement and lime treatment of sub-base, concrete roadway barrier, guardrail, concrete approach slabs, cast-in-place concrete and flexible revetments, temporary and permanent sheet pile, removal of bridge deck (hydro-blast), structural metalwork, epoxy-urethane overlay, precast concrete pilings, drilled shafts, precast prestressed concrete girders, electrical systems and lighting, cast-in-place structural (Class A1) concrete footings, columns, caps, and bridge decks. The project was a total reconstruction and widening of 3.2 miles of roadway (only widening – very minimal stretch of east bound) and .2 miles of bridge (only widening west bound bridges). The existing concrete roadway was removed to the sub-base and replaced with over 100,000 tons of asphalt.   S.P. No. H.003014					
04/20 - Ongoing	F-10 Widening and Reconstruction, Route F-10 (LA 328 to LA 347), St. Martin Parish, LA (LADOTD c/o GEC, Inc.   The project consists of clearing and grubbing, excavation and embankment, grading, drainage structures, cold plaining asphaltic concrete, removal of PCC pavement, temporary detour roads, class II base course, Superpave asphaltic concrete pavement, open graded friction course asphalt, PCC pavement, temporary and permanent striping, soil cement and lime treatment of sub-base, concrete roadway barrier, guardrail, concrete approach slabs, cast-in-place concrete and flexible revetments, temporary and permanent sheet pile, removal of bridge deck (hydro-blast), structural metalwork, epoxy-urethane overlay, precast concrete pilings, drilled shafts, precast prestressed concrete girders, electrical systems and lighting, weigh-in-motion, cast-in-place structural (Class A1 concrete footings, columns, caps, and bridge decks. Mr. Mays performs certified inspection on this project.   S.P. No. H.010601.6		avement, temporary porary and I-place concrete ane overlay, precast			



Firm employed by: Providence Engineering and Environmental Group LLC					
Coty Hardy   DOTD Certified Inspector		Years of relevant experience with this employer 1		1	
		Years of relevant experience with other employer(s)		9	
Degree(s) / Years / Specialization	N/A	Year registered	N/A		
Active registration number / state / expiration date	N/A	Discipline	N/A		

Mr Hardy will be an inspector - certified for this project. Coty Hardy was hired by Providence in February of 2022 to manage and inspect CE&I projects. Prior to joining Providence, Mr. Hardy worked for LADOTD as a Construction Inspector, District Training Specialist, and State-Wide Training Liaison. Throughout his tenure at LADOTD, he was responsible for numerous duties such as: managing contracts, reviewing plans, inspecting road and bridge projects, aiding in the management of the Structured Training Program for District 62, and serving as a Training Liaison to all the districts throughout the state of Louisiana. The focus of Mr. Hardy's job duties was ensuring the proper construction of roads and bridges in accordance with budgetary requirements, schedules, construction plans, and LADOTD Standard Specifications; as well as training others to do so. Mr. Hardy currently holds a Louisiana DOTD certification in Asphalt Paving Inspection, Embankment & Base Course Inspection, and Structural Concrete Inspection. He is also an Authorized Nuclear Device Operator, Authorized Concrete Field Tester, Authorized Asphalt Plant Technician, Authorized Profiler for AMES profiling unit, Authorized Profiler Operator for DYNATEST profiling unit, and is a Louisiana Civil Service Certified Professional Trainer. Mr. Hardy is also a certified ATSSA Traffic Control Technician and ATSSA Traffic Control Supervisor. His certifications include DOTD Asphalt Concrete Paving Inspector/Technician (06/27); DOTD Embankment and Base Course Inspector (06/27); DOTD Nuclear Device Operator; DOTD Structural Concrete Inspector (06/27); DOTD Concrete Field Tester; LADOTD Authorized Asphalt Plant Technician; DOTD Authorized Profiler Operator for DYNATEST Profiling Unit.

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).
11/19 - Ongoing	Construction Inspector: LADOTD IDIQ Contract for Construction Engineering Management and Staff Augmentation Services for District 62, State Project No. 004634 (Widening), St. Helena, Livingston, St. John, St. Tammany, Tangipahoa & Washington Parishes, LA. The Louisiana Department of Transportation and Development proposes to make improvements to Juban Road (LA 1026) from I-12 to US 190 (Florida Blvd) in Livingston Parish. Oversight of the removal of the existing US 190 and LA 1026 signalized intersection and replacing with a roundabout. Juban Road would be widened to four 12-foot-wide travel lanes with a 5-foot-wide raised median. In addition, new frontage roads would be constructed parallel to Juban Road east and west of the second roundabout. Curb and gutter with subsurface drainage would be installed along Juban Road and US 190. Providence provided Construction Engineering and Inspection (CE&I) services for Phase 4, Utility Relocation, and Phase 6, Construction, relative to the widening of LA 1026 (Juban Rd.) from I-12 to US 190 in Livingston Parish; installing drainage and curbing, milling and overlaying asphalt, and relocating all utilities within the corridor. The utility relocation coordination and oversight are included services under this contract.
01/23 - Ongoing	Construction Inspector: Independence Safe Routes to School (SRTS) - Phase II Tangipahoa Parish; (Contract No.440015488; SPN H. 010108.6) Providence is providing CE&I services during the installation of sidewalks in the downtown area in the City of Independence in Tangipahoa Parish. This CE&I project falls under the LADOTD IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (Contract No. 4400015488). This project is funded by the Safe Routes to School Federal grant program. Providence's scope of work includes general construction inspections, site visits and meetings, sampling and testing of materials, SMM entry, contractor estimates and payroll review, Traffic Control Plan review, miscellaneous correspondence regarding project status, contractor progress schedule review, monthly meetings with the contractor and LADOTD, field verification estimates for change orders, review, preparation and submittal of change orders, tracking approvals and signatures for change orders, preparing close out quantities, assembling 2059 (including LIMS), assembling As-Builts, submitting final estimates, and processing applicable invoices.



Firm employed by: Providence E	ngineering and Environmental Group LLC
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).
02/23 - Ongoing	Construction Inspector: Westdale and Bernard Terrace Sidewalk; Safe Route to Schools (SRTS) East Baton Rouge Parish, LA: IDIQ Contract for CE&I Services Contract No. 4400015488; SPN H.006499.6 Providence is providing CE&I services during the installation of sidewalks near Westdale and Bernard Terrace Elementary Schools in East Baton Rouge Parish This CE&I project falls under the LADOTD IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (Contract No. 4400015488). This project is funded by the Safe Routes to School Federal grant program. Providence's scope of work includes general construction inspections, site visits and meetings, sampling and testing of materials, SMM entry, contractor estimates and payroll review, Traffic Control Plan review, miscellaneous correspondence regarding project status, contractor progress schedule review, monthly meetings with the contractor and LADOTD, field verification estimates for change orders, review, preparation and submittal of change orders, tracking approvals and signatures for change orders, preparing close out quantities, assembling 2059 (including LIMS), assembling As-Builts, submitting final estimates, and processing applicable invoices. Construction work includes the removal of: existing concrete walks, curbs, markings, and fencing; the relocation of concrete wheel stops; excavation and embankment; the installation of: handicapped curb ramps, a concrete walkway, concrete drive, temporary fencing, aggregate surface course stone, reinforced concrete pipe, concrete collars, curb barriers, temporary barricades, sodding, final signage, and pavement Striping; and the adjusting of: manholes, catch Basins, gas valves, water valves, meter boxes, sanitary sewer house connections, and fencing.
03/22 - Ongoing	Construction Inspector: Gilchrist Construction Company, LLC, Loyola Dr./Interstate 10 (I-10) Interchange to New Airport Terminal (LANOIA), State Project No. H.011670, Jefferson Parish, LA. Providence is on the Design/Build team for the construction of the new interchange for Interstate 10 to provide access to the new Louis Armstrong International Airport Terminal. Providence is the third-party Construction Quality Control Firm (CQCF) for the execution of the construction activities and provides utility relocation monitoring and Environmental Compliance management, as well as development of the Construction Quality Assurance Management Plan (CQMP) in accordance with current LADOTD specification and requirements. Additionally, the CQCF supplies an independent testing lab as part of the project's overall Quality Control requirements. All reports are submitted to the Quality Manager for review and acceptance with progress reports for pay estimates. Responsibilities: plan development, monitoring construction activities, materials collection and testing, construction documentation, and project closeout.

Firm employed by: Providence Engineering and Environmental Group LLC					
Paula Garrett   DOTD Certified Inspector		Years of relevant experience with this employer		3	
		Years of relevant experience with other employer(s)		25	
Degree(s) / Years / Specialization N/A Year registered		Year registered		N/A	
Active registration number / state / expiration date	N/A	Discipline		N/A	

Ms. Garrett will be an inspector - certified for this project.

Paula Garrett has 29 years of experience as a DOTD-Certified inspector, knowledge in excavation and embankment, structural concrete, minor concrete, asphalt roadway. Her experience includes inspection of sheet pile driving, dirt work, proof rolling, nuclear density and moisture testing, installation of storm drainpipe, asphalt placement and testing, wood, concrete and steel pile driving, girder placement, concrete testing, and placement. Ms. Garrett has also had experience with lead paint removal and inspection of painting steel girders and concrete. Her certifications include ATSSA Flagger (1/24); ATSSA Traffic Control Supervisor; DOTD Asphalt Paving Inspector (12/26); DOTD Embankment and Base Course Inspector (12/26); DOTD Nuclear Device Operator (07/24); DOTD Structural Concrete Inspector (2/26).

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 years of experience specified in the applicable MPR(s).
05/19 - Ongoing	LADOTD Senior Inspector: Gilchrist Construction Company, LLC, Loyola Dr./Interstate 10 (I-10) Interchange to New Airport Terminal (LANOIA), State Project No. H.011670, Jefferson Parish, LA. Providence is on the Design/Build team for the construction of the new interchange for Interstate 10 to provide access to the new Louis Armstrong International Airport Terminal. Providence is the third-party Construction Quality Control Firm (CQCF) for the execution of the construction activities and provides utility relocation monitoring and Environmental Compliance management, as well as development of the Construction Quality Assurance Management Plan (CQMP) in accordance with current LADOTD specification and requirements. Additionally, the CQCF supplies an independent testing lab as part of the project's overall Quality Control requirements. All reports are submitted to the Quality Manager for review and acceptance with progress reports for pay estimates. Responsibilities: monitoring construction activities, materials collection and testing, construction documentation.
05/15 - 07/20	Senior Inspector: Volkert, St. Tammany Parish, LA. QA for OGFC (open grade friction course). Entering LADOTD test samples into the LIMMS program Sr. inspector on Slidell City/Parish jobs, preparing daily reports and quantities, and ensuring job is completed according to the contract and specifications.
02/14 - 05/15	Senior Inspector: HNTB Corporation Statewide, LA. QA Specialist for oversight of several different LADOTD Path to Progress projects. Making sure that all the needed testing and sampling for the requirement of the job was obtained, making sure that all needed CD, CA, and other needed documentation was obtained for the 2059 LADOTD report from the contractor. Created excel spreadsheets, such as traffic control logs/QC requirements, Quantity control etc., and pivot tables on all ongoing projects. Prepared change orders and partial estimates for several jobs for the review and acceptance of the project engineer. Interacted daily with Sr. Inspectors to go over needs for the jobs and walk jobs to keep track of the job progress. Attended weekly progress meetings and reports on missing documentation and testing needed. Filling in as Sr. inspector when assigned Sr. inspector was unable to be on jobsite.
04/09 - 02/14	Senior Inspector: ECM Consultants, Inc., Statewide, LA. Oversaw inspectors and contractor personnel on the building of a six-lane lift bridge and the operator's house. Oversaw site man work on several different jobsites. Inspection of daily traffic devices, inspection of all aspects of Lift Bridge, swing bridges, piers, towers, lift span, and operator's house.



Firm employed by: Providence Engineering a	Firm employed by: Providence Engineering and Environmental Group LLC				
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).				
08/95 - 04/09	Senior Inspector: Department of Transportation and Development, District 02, Statewide, LA. Oversaw all on-site project activity to ensure projects were completed on schedule, within budget, and in accordance with engineering design. Performed inspection of construction activities to ensure conformance with design plans. Interfaced and communicated with contractors regarding project status and design engineering specifications. Took corrective action as needed during projects and/or consulted with construction Project Engineer to resolve issues that arose during projects. Oversaw subcontractors performing work on the project. Prepared site inspection and coordinated inspection and oversight reports. Documented construction activities in field books and on LADOTD site man computer contract administration program. Completed daily diaries and helped to prepare monthly pay estimates documenting the progress to date.				



Firm employed by: Providence Engineering and Environmental Group LLC					
Joshua Angelloz   DOTD Certified Inspector		Years of relevant experience with this employer		10	
		Years of relevant experience with other employer(s)		0	
Degree(s) / Years / Specialization N/A		Year registered	N/A	N/A	
Active registration number / state / expiration date	N/A	Discipline	N/A	N/A	

Mr. Angelloz will be an inspector - certified for this project.

Joshua Angelloz has more than nine years of experience as a construction project technician. He has overseen drainage installations, water, sewer, and gas main installation, as well as dirt work (embankment and levee), roadway (proof roll, sub-base, base, asphalt, concrete placement, and testing), sidewalks and driveway placements, inspection of forms and layouts of concrete pours. During concrete form and layout inspections, he reviews the rebar, baskets, mesh, grade, and emulsion sealant. Joshua has also worked with the Nuclear Density Testing of compaction and moisture in all forms of base (dirt, sand, limestone, and asphalt). His certifications include ATSSA Flagger (05/25); ATSSA Traffic Control Technician; ATSSA Traffic Control Supervisor (11/24); DOTD Concrete Field Tester; DOTD Structural Concrete Inspector (04/26); DOTD PCC Paving Inspector.

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 years of experience specified in the applicable MPR(s).
11/19 - Ongoing	Construction Technician: Gilchrist Construction Company, LLC, Loyola Dr./Interstate 10 (I-10) Interchange to New Airport Terminal (LANOIA), State Project No. H.011670, Jefferson Parish, LA Providence is on the Design/Build team for the construction of the new interchange for Interstate 10 to provide access to the new Louis Armstrong International Airport Terminal. Providence is the third-party Construction Quality Control Firm (CQCF) for the execution of the construction activities and provides utility relocation monitoring and Environmental Compliance management, as well as development of the Construction Quality Assurance Management Plan (CQMP) in accordance with current LADOTD specification and requirements. Additionally, the CQCF supplies an independent testing lab as part of the project's overall Quality Control requirements. All reports are submitted to the Quality Manager for review and acceptance with progress reports for pay estimates. Responsibilities: plan development, monitoring construction activities, materials collection and testing, construction documentation, and project closeout.
01/18 - 12/18	Construction Technician: Port of South Louisiana, Resident Inspection for Runway 17-35, Reserve, LA. Provided a qualified inspector to oversee construction on this project.
03/10 - 03/14	Construction Technician: Bayou LaCarpe Drainage Improvements, Location "D" (Magnolia and Barringer Street Subsurface Drainage), Terrebonne Parish, LA. Construction inspection support for the installation of subsurface drainpipes and catch basins, removal and replacement of portland cement concrete, removal and replacement of asphalt, swale excavation, cleaning of existing drainpipes, and connection to existing catch basins.
11/14 - 05/18	Construction Technician: Hollywood Road (Valhi to LA 182), Terrebonne Parish, LA. Construction inspection support for the design of a divided two-lane roadway with a 30-foot-wide grass median beginning at Valhi Boulevard and transitioning to a two-lane undivided road near Southdown Mandalay Road. The total length of roadway is approximately 6,275 linear feet. Also included in the project was open ditch drainage, turnouts, turning lanes, curbing, cross-drains, 8-foot-wide aggregate shoulders, and striping.
06/11 - 09/12	Construction Technician: Valhi Boulevard Extension, Equity Boulevard to Savanne Road, Project No. 05 EXT-36, Terrebonne Parish, LA.  Assisted in performing boundary and topographic survey and prepared right-of-way plats and descriptions for 2.7 miles of proposed roadway extension.



Firm employed by: Providence Engineering and Environmental Group LLC					
Gary Brouillette   DOTD Certified Inspect	Years of relevant experience with this employer >1		>1		
,		Years of relevant experience with other employer(s)		14	
Degree(s) / Years / Specialization N/A		Year registered	N/A	N/A	
Active registration number / state / expiration date N/A		Discipline	N/A	N/A	

Gary Brouillette is a quality assurance construction inspector in heavy civil construction with 14 years of field experience. He has provided quality assurance acceptance testing and oversight in the sampling/testing of project related construction materials, and his experience includes the inspection of various phases of substructure and superstructure new bridge construction, embankment/base course, PCC pavement, structural concrete, asphalt paving, asphalt plant inspection, bridge demolition, pump station structures, levee structures, drainage and sewer structures, subsurface utilities repairs and replacements, roadway restoration to include asphalt mill/overlays, asphaltic concrete and PCCP roadway patching, canal embankment restoration, slope paving, wooden timber and concrete/steel substructure and superstructure wharf repairs, structural steel repairs and replacements, and inspection of pre-stressed/pre-casted concrete bridge members. His experience also includes approximately eleven years of performing the daily tasks of a Senior Inspector/Resident Inspector and hold both state and national certifications in his field. He has extensive and comprehensive knowledge of the LADOTD Standard Specifications for Roads and Bridges. His project experience also includes the use of LADOTD Site Manager and HeadLight for inspection documentation and has experience in the LADOTD "2059" project closeout process. His certifications include ATSSA Flagger (04/26); ATSSA Traffic Control Technician; ATSSA Traffic Control Supervisor (10/25); DOTD Embankment & Base Course Inspector (03/25); DOTD Asphalt Concrete Paving Inspector/Technician (06/25); DOTD Structural Concrete Inspector (10/25); DOTD PCC Paving Inspector (09/23).

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 years of experience specified in the applicable MPR(s).
03/23 - Ongoing	Construction Inspector: Independence Safe Routes to School (SRTS) - Phase II Tangipahoa Parish; (Contract No.440015488; SPN H. 010108.6) Providence is providing CE&I services during the installation of sidewalks in the downtown area in the City of Independence in Tangipahoa Parish. This CE&I project falls under the LADOTD IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (Contract No. 4400015488). This project is funded by the Safe Routes to School Federal grant program. Providence's scope of work includes general construction inspections, site visits and meetings, sampling and testing of materials, SMM entry, contractor estimates and payroll review, Traffic Control Plan review, miscellaneous correspondence regarding project status, contractor progress schedule review, monthly meetings with the contractor and LADOTD, field verification estimates for change orders, review, preparation and submittal of change orders, tracking approvals and signatures for change orders, preparing close out quantities, assembling 2059 (including LIMS), assembling As-Builts, submitting final estimates, and processing applicable invoices.
03/23 - Ongoing	Construction Inspector: Westdale and Bernard Terrace Sidewalk; Safe Route to Schools (SRTS) East Baton Rouge Parish, LA: IDIQ Contract for CE&I Services Contract No. 4400015488; SPN H.006499.6 Providence is providing CE&I services during the installation of sidewalks near Westdale and Bernard Terrace Elementary Schools in East Baton Rouge Parish This CE&I project falls under the LADOTD IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (Contract No. 4400015488). This project is funded by the Safe Routes to School Federal grant program. Providence's scope of work includes general construction inspections, site visits and meetings, sampling and testing of materials, SMM entry, contractor estimates and payroll review, Traffic Control Plan review, miscellaneous correspondence regarding project status, contractor progress schedule review, monthly meetings with the contractor and LADOTD, field verification estimates for change orders, review, preparation and submittal of change orders, tracking approvals and signatures for change orders, preparing close out quantities, assembling 2059 (including LIMS), assembling As-Builts, submitting final estimates, and processing applicable invoices. Construction work includes the removal of: existing concrete walks, curbs, markings, and fencing; the



Firm employed by: Providence E	ngineering and Environmental Group LLC
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).
	wheel stops; excavation and embankment; the installation of: handicapped curb ramps, a concrete walkway, concrete drive, temporary fencing, aggregate surface course stone, reinforced concrete pipe, concrete collars, curb barriers, temporary barricades, sodding, final signage, and pavement Striping; and the adjusting of: manholes, catch Basins, gas valves, water valves, meter boxes, sanitary sewer house connections, and fencing.
04/22 - 04/23	Construction Inspector: LADOTD: H.011670 Loyola Interchange OVS, Kenner, LA. Provided Owner Verification (OV) inspection services for the phases of construction for two flyover access ramps from I-10 to the New Orleans International Airport. Construction inspection of ground elements included concrete barrier rail footings, pier protection footings, barrier rail, median barrier rail, pier protection barrier rail, sign truss footings, noise barrier wall, and curb and gutter. Construction inspection of superstructure elements included steel tub girder spans, LU-48 concrete tub girder spans, LG-36 concrete girders pans, slab spans, approach slabs, light pole supports, bridge barrier rail, bridge median barrier rail, expansion joints to include strip seal, finger joints, and sealed joints. Inspected all phases of bridge deck construction from the steel reinforcement installation to the placement of concrete. This project had an estimated cost of \$125 million dollars.
03/21 - 04/22	Resident Inspector: City of New Orleans DPW: RR3 – Lake Terrace & Oaks Group D No. 2017 – RR072, New Orleans, LA. Provided field oversight of the installation of new sewer system, drainage system, water main replacement, manhole rehabilitation, new manhole and catch basin structures, new PCCP roadway construction to include base and subbase materials, sidewalk, and driveway removal/replacement. Review contractor's quantities for monthly pay estimates. This project had an estimated cost of \$7 million dollars.
06/20 - 08/20	Resident Inspector: City of New Orleans DPW: RR3 – Lake Terrace & Oaks Group D No. 2017 – RR072, New Orleans, LA. Provided field oversight of all construction related activities to include removal of existing PCCP and the installation of new sewer main.
10/19 - 11/19 08/20 - 10/20	Resident Inspector: Port of New Orleans: Canal St. Wharf Substructure Repairs Phase III, New Orleans, LA. Provided field oversight of all construction related items as they pertain to the contract to include the replacement and repairs of timber sub-structures supporting the Canal St. Wharf. Inspected the Contractor's work crews make various repairs to timber pile caps, timber pile horse-legs, timber braces, and timber stringers. This project had an estimated cost of \$450,000 dollars.



Firm employed by: Pan American Engineers	irm employed by: Pan American Engineers, LLC				
Ralph Liggins   Other (Potential Inspector)		Years of relevant experience with this employer		19	
			Years of relevant experience with other employer(s)		33
Degree(s) / Years / Specialization		N/A	Year registered	N/A	
Active registration number / state / expirati	on date	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities:  Mr. Liggins will serve as a Certified DOTD Inspector. Mr. Liggins currently holds the following DOTD certifications: PCC Paving, Embankment and Base Course, Asphalt Concrete Plan phalt Concrete Paving Inspector. He is ATSSA trained as a Traffic Control Supervisor.			Asphalt Concrete Plant, and As-		
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).				
1981 - 2014	LADOTD. Worked as a technician/inspector for DOTD for 33 years overseeing and inspecting the construction of roads and bridges in District 08. Supervised other DOTD technicians inspecting various aspects of contractor work; i.e., such as earthwork, structural concrete, PCC paving, hot mix, hot mix plant, etc. During the course of his career, he progressed in experience and knowledge until he gained the rank of Engineering Technician 7 (which is the most senior position under the Project Engineer) in Gang 228. He worked on numerous projects overseeing and monitoring the construction of roads and bridges in the central Louisiana area. Mr. Liggins worked on more complex projects such as the construction of I-49 in Alexandria, where he was directly involved with embankment and base course operations, as well as the installation of large diameter drainage structures.				
2014 - Present	Pan American Engineers: Provided inspection services for numerous roads and streets for several cities and towns in the central Louisiana area. Several of these projects were let and bid by DOTD and had DOTD funds. He provided the inspection of the Gilchrist Construction Co. hot mix plant for SP H.004932, Design-Build for US 90 at LA. 328 Interchange. Provided inspection services for the construction of a quick start gas fired electrical generation station for the City of Alexandria (D.G. Hunter Power Plant). Acting as the liaison between the construction personnel and the City of Alexandria's administrative personnel.				

Firm employed by: Pan American Engineers, LLC					
Todd (Kelly) Campbell   Other (Potential Inspector)		Years of relevant experience with this employer		25	
			Years of relevant experience with other employer(s)		0
Degree(s) / Years / Specialization		N/A	Year registered	N/A	
Active registration number / state / expiration of	ate	N/A	Discipline	N/A	
Contract role(s) / brief description of re	Contract role(s) / brief description of responsibilities:				
Mr. Campbell will serve as Senior Tech	niciar	n / Inspector. He is an ATSSA Registered Flagger.			
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Experience dates Ex	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).				
1998 - Present P	Pan American Engineers: Todd has a background in infrastructure projects including water, sewer, and gas distribution; i.e., along with road, drainage,				
a	and rail projects. He has performed all necessary sampling and testing of materials, etc. on construction projects. Performed payroll reviews and field				
in	interviews to ensure compliance with Davis-Bacon Act. He has observed and inspected construction work on a daily basis, such as: England Authority				
	Railroad Spur, Alexandria Culpepper Road Lewelyn Ditch, City of Pineville water & sewer relocation for KCS Underpass.				

Firm employed by: C.H. Fenstermaker & Associates, L.L.C.						
Chris Bruno   Inspector		Years of relevant experience with this employer		3		
	Years of relevant experience with other employer(s)	23				
Degree(s) / Years / Specialization	N/A	Year registered	N/A			
Active registration number / state / expiration date	N/A	Discipline	N/A			

Mr Bruno will serve as an inspector on this project and work on certification completion.

Chris Bruno has extensive experience in Facilities Management and Construction Management. Prior to joining Fenstermaker, Mr. Bruno worked as a Construction

Control Inspector/Electronics Technician with the Federal Bureau of Prisons in Beaumont, Texas. Mr. Bruno is an ATSSA-certified Traffic Control Technician, Traffic Control Supervisor and Registered Flagger. Mr. Bruno has gained valuable knowledge and experience on a variety of civil construction project since being employed with Fenstermaker. He is currently pursuing LADOTD certifications in Embankment and Base Course and Asphalt Concrete Paving. He is a member of the Lake Charles team. His is a certified ATSSA Traffic Control Technician, ATSAA Traffic Control Supervisor, and ATSSA Registered Flagger.

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 years of experience specified in the applicable MPR(s).
05/20 - 08/20	Country Club Road Water Looping/Waterline Extension Project (Calcasieu Parish, LA) Fenstermaker designed and laid out approximately 15,000 feet of 12-inch water main on Country Club Road in Lake Charles, LA. Mr. Bruno inspected the pour of driveways on Country Club Road and conducted site visits.
05/20 - 03/21	City of Lake Charles - 2019 Drainage (Calcasieu Parish, LA) Fenstermaker rehabilitated the existing drainage system on N. Division Street, Hodges Street, and Pujo Street in Lake Charles, LA. Mr. Bruno inspected the site, conducted site visits, and filed progress reports for the project.
06/20 - 03/21	City of Lake Charles - Sidewalk Project (Calcasieu Parish, LA) Fenstermaker provided survey, design, and construction services for three proposed sidewalk locations in Lake Charles, LA. Mr. Bruno conducted site visits, performed the punch list walk through, and prepared progress reports.
01/21-01/21	Calcasieu Parish Police Jury – Coach Williams Drive Extension (Calcasieu Parish, LA) Fenstermaker provided survey, design, and construction services for the 3-mile extension of Coach Williams Blvd. along with the corresponding intersections connecting Old Spanish Trail and Houston River Road in Unincorporated Calcasieu Parish, Louisiana. Mr. Bruno assisted the lead inspector overseeing the construction of the roundabout intersection, embankment, and soil stabilization operations.
05/22 - Ongoing	Calcasieu Parish Police Jury – Ham Reid Road Extension (Calcasieu Parish, LA) Fenstermaker provided survey, design, and construction services for the 1-mile extension of Ham Reid Road along with the improvements of the intersections of Ham Reid Road at Elliot Road and LA 384 (Big Lake Road) to modern roundabouts. Mr. Bruno assisted the lead inspector overseeing embankment and drainage operations.



Firm employed by: C.H. Fenstermaker & Associates, L.L.C.						
James Brown, Jr.   Other (Potential Inspe	Years of relevant experience with this employer		<1			
	Years of relevant experience with other employer(s)	43				
Degree(s) / Years / Specialization	N/A	Year registered	N/A			
Active registration number / state / expiration date	N/A	Discipline	N/A			



James Brown will be an inspector - lead for this project.

James Brown, Jr. is an Inspector III with Fenstermaker's Lake Charles office. Mr. Brown served in the United States Air Force for eight years as a Staff Sergeant/Corrosion Control Specialist. After his service, he worked in various inspector roles for 29 years. He was employed by the Louisiana Department of Transportation and Development

for 15 years. As an Engineering Technician with LADOTD, he conducted inspections of work performed by contractors on roads to comply with plans and specifications, including earthwork, minor concrete, laying pipe, asphalt paving, and PCC pavement. He assisted with measuring and determining pay quantities; reviewed plans and field conditions; completed reports and compiled information using Site Manager, Site Manager Materials and LIMS; conducted sampling and testing materials; and worked closely with maintenance and construction staff on special projects. He performed inspection and evaluation of maintenance activities performed by in District 07-Area A, inspected work performed by contractors and municipalities, prepared reports and compiled information using Linear Assets/Agile, compiled documentation on damage claims, and investigated and created reports for accidents; as well as conducted interview panels, reviewed results, and made recommendations for job applicants for Calcasieu and Cameron Parish maintenance staff. He is currently certified in Structural Concrete, PCC Pavement, Embankment and Asphalt Pavement.

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 years of experience specified in the applicable MPR(s).
01/23 - Ongoing	Coach Williams Drive Extension & Roundabout (Calcasieu Parish, LA) The Coach Williams Boulevard Extension is an \$18.4 million project currently under construction. Fenstermaker was responsible for the topographic survey, boundary survey, and right-of-way/easement platting, engineering, and construction services to complete the new Coach Williams Drive roadway that will connect to Houston River Road (LA 379). This project includes 3-miles of new 2-lane roadway with sidewalks and intersection improvements including a roundabout and turning lanes. Mr. Brown's duties include general construction inspection services, including SRA Bypass Canal and Eastern Bypass Levee inspections, and contractor operations associated with sheet pile operations, hydroseed operations, welding operations, temporary bypass canal at SRA and SRA pipe removal.
01/20 - Ongoing	Ham Reid Road Extension Phase 2 (Calcasieu Parish, LA) The Ham Reid Road Extension is a two-phase, \$14.25 million construction project that includes a unique 1-mile asphalt roadway corridor, incorporating walkability and green infrastructure. The corridor includes a 2-lane (1-lane in each direction with a median) boulevard section with intersection improvements such as roundabouts. Mr. Brown's duties include general construction inspection services.

Firm employed by: C.H. Fenstermaker & Associates, L.L.C.					
Scott Courville   Inspector III		Years of relevant experience with this employer		7	
		Years of relevant experience with other employer(s)		16	
Degree(s) / Years / Specialization	N/A	Year registered	N/A		
Active registration number / state / expiration date	N/A	Discipline	N/A		



Mr. Courville will be an inspector - certified for this project.

Mr. Courville is certified inspector in multiple categories and has worked as on numerous projects for companies such as LADOTD, Digital Engineering and Imaging, Inc., ECM Consultants, Site Engineering, and Cardno ATC. Mr. Courville is also a Federal Aviation Certified (FAA) certified remote pile for unmanned aerial systems (UAS). His relevant certifications include LADOTD Structural Concrete Inspector/Technician, LADOTD PCC Paving Inspector/Technician, LADOTD Asphaltic Concrete Plant Inspector/Technician, LADOTD Embankment and Base Course Inspector/Technician, LADOTD Authorized Density Tester, LADOTD Profilographic Operator/Evaluator, ATSSA Traffic Control Technician, ATSSA Traffic Control Supervisor, and ATSSA Registered Flagger.

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 years of experience specified in the applicable MPR(s).
07/14-07/15	H.010620 US 90 (I-49 South) Design Build (Lafayette Parish, LA) Mr. Courville served as the Lead Inspector for the US 90/I-49 South project in Broussard, LA. He sampled, tested, inspected, and documented construction materials testing and procedures on site and at the precast plant. He also acted as the Assistant Project Manager and Office Administrator.
08/20 - 02/21	2019 Asphalt Overlay Project (Lafayette Parish, LA) Fenstermaker was contracted to provide surveying, design, utility coordination and construction administration and inspection for asphalt overlay projects in the City of Carencro. This project consisted of milling and overlaying for approximately 10.6 miles of roadway surface. Mr. Courville conducted inspection site visits and created required reports.
08/20 - Ongoing	Acadiana Regional Airport Access Road (Iberia Parish, LA) The purpose of this project is to provide a more direct access path to the Acadiana Regional Airport in the future. Fenstermaker was selected to design a two-lane roadway that will connect the LA 3212 and LA 675 in New Iberia, LA with room for a future four-lane roadway. This design consists of the main roadway, one single lane roundabout, and a two-lane roadway that will connect the main road to US-90 Frontage Road with a second roundabout in a future project. Mr. Courville is responsible for inspection services of all aspects of the roadway and drainage construction as well as keeping track of quantities and writing daily reports.
08/15-01/21	East Pont des Mouton Roadway Widening (Lafayette Parish, LA) Fenstermaker was selected to perform engineering design services for the construction of a 1.4 mile four-lane divided curb and gutter roadway with a raised median (boulevard section), sidewalks, subsurface drainage, and street lighting. The improvements replaced an existing two-lane roadway of East Pont des Mouton Road. This project involved the conversion of a two-lane asphalt road to a five-lane Portland Cement Concrete (PCC) roadway and the installation of approximately 14,300 feet of subsurface drainage including 1,400 feet of 84" RCP. Throughout this project Fenstermaker provided, among other services, utility relocation of all public utilities, utility coordination of private utilities, and utility Plan-Profile Sheets for the 1.4-mile corridor of the densely populated roadway. Mr. Courville served as the lead Construction Inspector for the project and observed all areas of construction.



Firm employed by: Pan American Engineers, LLC						
Steve Haise   Other (Potential Inspector)		Years of relevant experience w	Years of relevant experience with this employer		41	
•		Years of relevant experience w	ith other employer(s)		0	
Degree(s) / Years / Specialization	N/A	Year registered	N	N/A		
Active registration number / state / expiration d	ate N/A	Discipline	N	N/A		
Contract role(s) / brief description of responsibilities:  Mr. Campbell will serve as Senior Technician / Inspector. He is an ATSSA Registered Flagger.						
	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).					
Hi se sa	Pan American Engineers: Steve has over 40 years of experience in inspecting and overseeing varied types of construction projects throughout the state. His areas of expertise include road construction and runway construction at airports. Also, oversaw construction projects for water distribution systems, sewer collection systems, treatment plants, regulator stations and water well drilling. He is familiar with plans and specifications, how drawings and the sampling and testing of materials. Some of the projects he has been involved with are Runway & Drainage Improvements at England Airpark. Pineville Airport, McAdams Pump Station, Culpepper Drainage Improvements and numerous other regional drainage projects.					

Firm employed by: Manchac Consulting Group, Inc.					
Robert Abshire   Other (Potential Inspect	Years of relevant experience with this employer		11		
		Years of relevant experience with other employer(s)		39	
Degree(s) / Years / Specialization	N/A	Year registered	N/A		
Active registration number / state / expiration date	N/A	Discipline	N/A		
Contract role(s) / brief description of respon	nsibilities:		-		
Mr. Abshire has been with Manchac Consulting Group since 2012 as our Construction Project Inspector. He handles all day-to-day site visits and daily progress reports to ensure our construc-					
tion projects are built to design standards as well as stay on schedule and budget. He has 50 years of construction expertise which includes owning his own construction company. He has					
managed the construction oversight for sev	eral sanitary sewer projects including gravity sewer main	s and pump stations throughout Lake Charles. M	r. Abshire	is an ATSSA Registered Flagger.	

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).
06/13 - 09/13	Sale Road Waterline Relocation - Resident Inspector - Lake Charles, LA. Mr. Abshire provided full-time Resident Inspection services for the relocation of the existing 2,000 foot 12-inch water line along Sale Road to accommodate a DOTO roadway widening project. He was responsible for the close monitoring and coordination of gas, electric, and fiber optics during the installation of the waterline with an aggressive construction schedule.
12/14 - 09/15	Cline, Colletta, and Bank Street Lift Station Improvements- Resident Inspector - Lake Charles, LA. Mr. Abshire was responsible for the resident inspection and reporting on the construction of the Cline, Colletta and Bank Street Lift Station Improvements. Colletta and Cline Street improvements included pump, valve, piping, and electrical replacements as well as site improvements. The Bank Street Lift Station Improvements included the replacement of all pumps, rails, valves, piping, lips, electrical as well as site improvements.
11/22 - Present	University - Red Sub-Basin Sewer Rehabilitation- Resident Inspector - Lake Charles, LA. Mr. Abshire is responsible for the resident inspection and reporting on this project. The University-Red Sub-Basin Sewer Rehabilitation consists of the rehabilitation of approximately 8,400 LF of 8" sewer pipe. There is also another 6,334 LF of 8" sewer pipe that will also be designed. Rehabilitation methods include pipe bursting, point repairs, cured-in-place lining, and manhole lining.
09/15 - 09/17	Contraband Lift Station Rehabilitation Project I Resident Inspector I Lake Charles, LA. The rehabilitation design for the Contraband Lift Station included removal and replacement of existing pumps, new electrical building and equipment upgrades as well as site improvements. Mr. Abshire provided resident project inspection and reporting for the construction of this project.



Firm employed by: Manchac Consulting Group, Inc.							
David Wylie   Other (Potential Inspector)			Years of relevant experience with this employer		7		
			Years of relevant experience with other employer(s)		11		
Degree(s) / Years / Specialization		N/A	Year registered	N/A			
Active registration number / state / ex	piration date	N/A	Discipline	N/A			
Contract role(s) / brief description of responsibilities:  David serves our Lake Charles office as a Resident Project Representative. He rejoins the Manchac Team from Atakapa Services, LLC where he was responsible for subsurface pipe inspections and lateral launch operations for sanitary and storm sewer lines in Lake Charles, Louisiana. Mr. Wyllie has also previously served the water and sewer division and perform operations for the City of Lake Charles. He worked for the City of Bossier City as a Lift Station Technician, where he was responsible for maintaining a service route with 26 wasteway station locations. Mr. Wylie is an ATSSA Registered Flagger.				ewer division and performed CCTV route with 26 wastewater lift			
Experience dates [mm/yy-mm/yy]		nce and qualifications relevant to the proposed contract; i.e., "designed d in the applicable MPR(s).	d drainage", "designed girders", "designed intersection", etc.	Experience	dates should cover the years of experience		
08/21 - 06/22	North Booker Street Lift Station I Resident Inspector I Lake Charles, LA. Manchac was retained by the City of Lake Charles to Design and implementation of mechanical and electrical repairs, in response to damage incurred as a result of Hurricane Delta (EM-3547-LA), to reinstate the damaged systems to pre-storm conditions and to upgrade these existing systems to coincide with newly applicable codes, standards, and regulations as imposed by governmental bodies with the appropriate jurisdictional authority. Mr. Wyllie is responsible for the resident inspection.						
10/21 - 12/21	Center West & Chennalt Elevated Storage Tank Rehab I Resident Inspector I Lake Charles, LA. The City of Lake Charles Water Division currently owns and operates the 400,000 Gallon Elevated Storage Tank at the Chennault Water Treatment Plant, and a 500,000 Gallon Elevated Storage Tank at the Center West Water Treatment Plant. Manchac provided design services to rehabilitate the Chennault existing tank. This project included waste blasting of the tank exterior and appurtenances and applying a spot coating on deteriorated locations, and a full finish coat to entire tank exterior. Interior sediment removal, sandblasting interior tank walls, and repairs and improvements to the interior roof, vent, and roof ladder were also included. The Center West tank project included drainage improvements, interior sediment removal, water blasting, sandblasting, as well as necessary adjustments to windages/sway rods						

construction to the existing 16 inch water mains that run along the north side Jackson Street and west side of N Bilbo Street.

Wyllie is responsible for the resident inspection

02/23 - Present



to return the tank to its original erect, design conformance. Improvements were made to the interior roof, vent, wind and sway rods and roof ladder. Mr.

George West Water Treatment Plant Transmission Main Replacement I Resident Inspector I Lake Charles, LA. Mr. Wyllie is responsible for the resident inspection for George West WTP Transmission Main Replacement. This project consists of the design of approximately 1,550 fr. Of 24 inch ductile iron transmission main at the George West WTP. The proposed transmission main extension will connect the existing 24 inch stub from the 2007 plant

Firm employed by: Manchac Consulting Group	p, Inc.				
Glynn Grant   Other (Potential Inspector)		Years of relevant experience with this employer		6	
			Years of relevant experience with other employer(s)		48
Degree(s) / Years / Specialization		N/A	Year registered	N/A	
Active registration number / state / expiratio	n date	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities:  Glynn joins Manchac's Lake Charles Office as a Construction Inspector. He is responsible for the day-to-day construction inspection for Water and Sewer Main projects. He has over 48 y of experience in roadway, drainage and water system projects. In addition to roadway construction inspection, his experience includes traffic engineering, materials sampling and testing roadway design using computer aided drafting. Mr. Grant is an ATSSA Registered Flagger.					
	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).				
	Contraband Lift Station Rehabilitation I Resident Inspector I Lake Charles, LA. Mr. Grant is currently serving as the Resident Inspector to rehabilitate the Contraband Lift Station in Lake Charles, Louisiana. This project includes the removal of four existing vertical shafted centrifugal pumps and replacement with four new dry pit submersible pumps. The rehab also includes new suction and discharge valves, new electrical and instrumentation controls inside a new slab on grade MCC building, cleaning, repairing, and coating of lift station wet well, and the installation of hurricane fencing. The access road from Holly Hill to the lift station will also be improved.				
10/21 - 12/21  Chennault Water Treatment Plant 400KG EST Rehab I Resident Inspector I Lake Charles, LA. Mr. Grant serves as Resident Inspector for this project. Manchac Consulting Group, Inc. was retained by the City of Lake Charles, LA to provide engineering design, construction management, and re inspection services for rehabilitation of an existing 400,000-gallon elevated finished water storage tank. Rehabilitation included abrasive blasting and recoating of the interior and exterior of the tank, structural repairs to maintain the integrity of the tank, and sanitary/health and safety repairs to improper and maintenance in accordance with applicable codes and standards.					ruction management, and resident cluded abrasive blasting and
	Esplanade Lift Station and Force Main Project I Resident Inspector I Lake Charles, LA. This project consists of expanding the wet well to handle the additional peak flows to the station. Two existing submersible pumps will be replaced with two new 30HP submersible pumps on a rail system, with VFDs. A new 10-inch forcemain will discharge the proposed flow at an acceptable velocity. Mr. Grant serves as Project Resident Inspector.			e pumps on a rail system, with	



Firm employed by: Manchac Consulting Group, Inc.						
Cale Fontenot   Other (Potential Inspector)		Years of relevant experience with this employer		0.4		
			Years of relevant experience with other employer(s)	7		
Degree(s) / Years / Specialization		N/A	Year registered	N/A		
Active registration number / state / expiration	n date	ate N/A Discipline N/A				
Contract role(s) / brief description of responsibilities:  Cale Fontenot joins the Manchac Lake Charles Office as a Construction Inspector with over 7 years of experience. He is responsible for the day-to-day construction oversight and inspection well as the AMI Program Improvement meter inspections. Mr. Fontenot is an ATSSA Registered Flagger.					ction oversight and inspection as	
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 years of experience specified in the applicable MPR(s).					
03/23 - Present	AMI Program Improvement & CA Oversite I Resident Inspector I Lake Charles, LA. The City of Lake Charles requested Manchac Consulting Group to develop a detailed, technical RFP for the purpose of securing a firm to implement a meter replacement program where existing meters will be replaced with new meters capable of being read through automated processed. For this project, Mr. Fontenot serves as a Resident Project Representative. He is responsible for inspecting each meter installation to its conformance with the contract documents, as well as to ensure the adjacent areas are restored to its original state prior to meter replacement. Additionally, he documents those unit price items, per installation, to track for monthly pay applications. Mr. Fontenot is also responsible for responding and addressing all citizen questions.					
03/23 - Present	WTP & WWTP Building Demo I Resident Inspector I Lake Charles, LA. Mr. Fontenot assists with the resident inspection and reporting for the demolition procedures, in response to damage incurred as a result of Hurricane Laura. This project consists of removing and disposing of damaged structures and foundations to facilitate future site improvements at the McNeese Water Treatment Plant and Wastewater Treatment Plant B/C.					

Firm employed by: Manchac Consulting Gro	Firm employed by: Manchac Consulting Group, Inc.						
Brady Dearbonne   Other (Potential Inspector)		Years of relevant experience with this employer		0.2			
		Years of relevant experience with other employer(s)	_	6			
Degree(s) / Years / Specialization		N/A	Year registered	N/A			
Active registration number / state / expirati	on date	N/A	Discipline	N/A			
Contract role(s) / brief description of responsibilities:  Mr. Dearbonne has over six years of experience as a Construction Inspector. He is responsible for providing day to day onsite construction oversight, and meter inspections for the City of Charles AMI Program Improvement and Construction Oversite. Mr. Dearbonne is an ATSSA Registered Flagger.					r inspections for the City of Lake		
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 years of experience specified in the applicable MPR(s).						
05/23 - Present	AMI Program Improvement & Construction Oversite I Resident Inspector I Lake Charles, LA. The City of Lake Charles requested Manchac Consulting Group to develop a detailed, technical RFP for the purpose of securing a firm to implement a meter replacement program where existing meters will be replaced with new meters capable of being read through automated processed. For this project, Mr. Dearbonne serves as a Resident Project Representative. He is responsible for inspecting each meter installation to its conformance with the contract documents, as well as to ensure the adjacent areas are restored to its original state prior to meter replacement. Additionally, he documents those unit price items, per installation, to track for monthly pay applications. Mr. Dearbonne is also responsible for responding to and addressing all citizen questions.						
05/23 - Present	University - Red Sub-Basin Sewer Rehabilition I Resident Inspector I Lake Charles, LA. Mr. Dearbonne assists with the resident inspection and reporting for this project. The University-Red Sub-Basin Sewer Rehabilitation consists of the rehabilitation of approximately 8,400 LF of 8" sewer pipe. There is also another 6,334 LF of 8" sewer pipe that will also be designed. Rehabilitation methods include pipe bursting, point repairs, cured-in-place lining, and manhole lining.						

Firm employed by: Volkert, Inc.						
Parker Scheuermann, El   Office Construction Support			Years of relevant experience with this employer	ce with this employer		
			Years of relevant experience with other employer(s)		0	
Degree(s) / Years / Specialization		BS   2020   Civil Engineering	Year registered	2020		(36)
Active registration number / state / expirat	ion date	El 34581   LA   03/31/2025	Discipline	Civil		
Contract role(s) / brief description Mr. Scheuermann will provide of required ATSSA Traffic Control Super	fice cons	struction support services under the Project Enginee	r. Mr. Scheuermann is an ATSSA Registered Fla	egger and	holds the	
Experience dates [mm/yy-mm/yy]		nce and qualifications relevant to the proposed contract; i.e., "designed nce specified in the applicable MPR(s).	drainage", "designed girders", "designed intersection", etc.	Experience	dates should co	over the time years of
Mr. Scheuermann joined Volkert in document control.	2020 aft	er earning his degree in Civil Engineering. He provides ci	vil engineering support on a variety of projects in	our Bato	n Rouge offic	ce, including
08/21 - 08/22	West Alabama Highway - Engineer Intern on the \$1.5 billion development of an 84 mile 4-lane corridor in the southwest area of Alabama. The project is the first progressive design build in Alabama.					
01/21 - 02/22	Plank Road, East Baton Rouge Parish, LA, Baton Rouge Metropolitan Airport   Mr. Scheuermann served as Project Intern making weekly visits for this is project to relocate Plank Road along a new alignment. The project includes ROW acquisition and all the design for a new 4 lane highway with J-turns. It also includes ROW acquisition and all the design for additional lanes along Harding and Hooper Road. It also includes a new lighting system and new signalized intersection. Volkert is providing design, environmental permitting, and ROW acquisition for the relocation of Plank Road on a new alignment. This project is an Airport project, funded by FAA, but the road will be transferred to LADOTD. Volkert is also providing coordination between sub-consultants, the airport, FAA, and LADOTD					
12/20 - 01/21	MacArthur Interchange Completion, Phase II in Jefferson Parish, Louisiana for the Louisiana Department of Transportation and Development (LADOTD), c/o SDR Engineering Consultants, Inc.   Mr. Scheuermann assisted in the design for the permanent signing and pavemen markings. The project included widening for Peters Road and South Frontage Road from Peters Road to Manhattan Boulevard. It also included the design of a proposed on-ramp and off-ramp to the Westbank Expressway. The design of signage included South Frontage Road, Peters Road, and the elevated ramps including all Westbank Expressway structures affected by the proposed ramp modifications. The signage and pavement markings were designed using the latest edition of the MUTCD and the DOTD Roadway Design Manual and DOTD road design standards.					igning and pavement included the design and the elevated
05/20 - 11/20	Highland Road to LA 73 Design-Build, East Baton Rouge and Ascension Parishes, LA (LADOTD). Mr. Scheuermann served as Document Co Specialist for the Owner Verification Team (OVT) on Task Orders 3 & 4 which allows Volkert to provide procurement and project oversight and accepta for both design and construction for the I-10 Design-Build project from Highland Road in East Baton Rouge Parish to LA 73 in Ascension Parish for the Design and Construction on this \$72M Design-Build project. This project consists of upgrading a portion of I-10 in East Baton Rouge and Ascension F to a six-lane controlled access facility including construction of a new six-lane I-10 overpass at Highland Road.   State Contract No. 4400004915 TO 4, S.P. No. H.009250.			ght and acceptance on Parish for the and Ascension Parish		



Firm employed by: C.H. Fenstermaker & Associates, L.L.C.						
Carson Washington, PE   Engineer		Years of relevant experience with this employer		7		
		Years of relevant experience with other employer(s)		2		
Degree(s) / Years / Specialization	BS   2015   Civil Engineering	Year registered	2019			
Active registration number / state / expiration date	43722   LA   03/31/2024	Discipline	Civil			
Sentence unla (a.) / beside also ministrate of unanous illustrice.						



Carson will review environmental permits and any questions related to USACE permits of section 8 or 10.

Mr. Washington is a Professional Engineer with experience in project management, roadway design, drainage design, hydraulic and hydrologic modeling, design of roundabouts, municipal engineering, construction administration, construction inspection, utility coordination and public agency coordination. His experience includes the preparation of drainage maps, preliminary layout and design of residential subdivisions, design of utilities, drainage and roadways improvements, preparation of change orders and other construction related services, surveying, cost estimates and other components associated with the development of residential subdivisions.

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 years of experience specified in the applicable MPR(s).
07/18 - 08/18	Verot School Road Interchange at U.S. Hwy 90 (Lafayette Parish, LA) I-49 South at Verot School Rd. (LA 339) is part of the upgrade of US 90 through Lafayette Parish to a fully controlled access facility meeting. This roadway meets highway design standards as a section of the Future I-49 corridor. A sub-consultant to Huval & Associates, Fenstermaker performed engineering design services for improvements to the existing intersection of U.S. Hwy 90 (US 90) (Future I-49 South) and Verot School Road. Fenstermaker was responsible for preparing and hosting the public meeting to update the project's 2005 NEPA Environmental Impact Statement (EIS), designing all roadway and drainage, and coordinating all utility relocations within the corridor. Mr. Washington reviewed and performed quality control on the subsurface utility engineering (SUE) plans and CAD files and developed the utility conflict matrix.
01/20 - Ongoing	LA 675 Roundabout at ARA Access Roadway (Iberia Parish, LA) This project included the design of a new roadway beginning at the intersection of LA 3212 (Prairie Rd) and Grand Prairie Rd with an approximate 1,300-feet extension that intersects with LA 675 (Jefferson Island Rd). Significant features of this project include a 5-legged roundabout, a boulevard extension, and outfall channel regrading. Mr. Washington provided engineering support and quality control on servitude regrading, roundabout design, inlet spacing, construction drawings, submittals, and drainage design plans.
06/16 - 07/16	Sasol LCCP-Heavy Haul Road Engineering and Construction (LA378 & LA379) (Calcasieu Parish, LA) Mr. Washington assisted with the construction closeout of the 2.4-mile heavy haul route that was utilized to transport the oversized modules from the Calcasieu River to the proposed plant site. It involved coordination with local, state, and federal agencies to obtain required permits, as well as multiple local utility companies regarding relocations of their facilities.
06/16 - Ongoing	Ham Reid Road Extension (Calcasieu Parish) Mr. Washington is the Deputy Project Manager for the engineering design of the Ham Reid Road Extension between Elliott Road and LA 384 (Big Lake Rd), which includes roundabouts at both existing intersections. This project involved extensive utility coordination and required an in-depth knowledge of both the CPPJ and LADOTD's roadway and drainage engineering design standards. A Low-Impact Development (LID) design was incorporated to minimize the impacts of the proposed improvement. Mr. Washington was responsible for utility and public agency coordination, design of new and existing roadway improvements, design of drainage improvements, development of various required reports, assisted in bidding, and performing Construction Administration duties.



Firm employed by: C.H. Fensterma	aker & Associates, L.L.C.
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 years of experience specified in the applicable MPR(s).).
07/19 - Ongoing	City of Lake Charles – 2019 Sidewalk Construction (Calcasieu Parish, LA) This project involves the design of five separate sidewalk locations along existing streets with the city of Lake Charles which includes the installation of ADA-compliant compliant paths and walkways, subsurface drainage, and retaining walls. This project dealt with identifying utility conflicts, following the Americans with Disabilities Act (ADA) current standards for walking paths, and both City of Lake Charles and DOTD engineering design guidelines. Mr. Washington was lead design engineer responsible for layout of sidewalks and driveways, design of subsurface drainage, preparing and assisting with the bidding process, and aiding in construction administration duties.
01/20 - 03/20	Red Davis McCollister Road and South Park Drive Roundabout (Calcasieu Parish, LA) This project consists of improving a four-way existing intersection with a single lane roundabout at the intersection of Red David McCollister Road and South Park Drive in Calcasieu Parish. Mr. Washington provided engineering design support by performing a pre/post analysis to determine the impacts of the proposed improvements on the existing site drainage.
05/21 - Ongoing	Old Spanish Trail and Evergreen (Calcasieu Parish, LA) Fenstermaker was contracted by Sasol Chemicals LLC to perform roadway intersection improvements along two parish roads to improve access to an existing Matheson Gas plant due to their expansion project. The improvement design included roadway geometrics, subsurface drainage system, water main relocation, and sewer force main relocation. Mr. Washington was responsible for QC of the proposed drainage system as well as the design engineer responsible for the water and sewer relocations.

Firm employed by: C.H. Fenstermaker & Associates, L.L.C.						OF IT
Jessica Pousson, PE   Engineer			Years of relevant experience with this employer 9		9	
			Years of relevant experience with other employer(s)		0	
Degree(s) / Years / Specialization		BS   2015   Civil Engineering	Year registered 201			
Active registration number / state / expir	ation date	43716   LA   03/31/2024	Discipline	Civil	1	
Located in Lake Charles, Jessica will provide office construction support as needed Ms. Pousson is a Professional Engineer whose responsibilities include civil design of various hydraulic and hydrologic modeling, municipal engineering, and civil site design. Her experied various transportation, drainage, and construction documents. She has developed technical lead design engineer and project manager on various projects for private, state, and smalle and requirements on various projects including MUTCD, AASHTO, FHWA, Louisiana Departments			includes project management as well as public or s, construction estimates, and obtained permits f pal clients. Ms. Pousson is experienced in utilizing	outreach o from varion g local, st	coordination and ous agencies. She tate, and federal	development of has served as the design guidelines
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 years experience specified in the applicable MPR(s).				
10/18 - Ongoing	projec Road) propos coordi constr	LA 675 Roundabout at ARA Access Road (Iberia Parish, LA) Ms. Pousson serves as the Project Manager for the LA 675 Roundabout project. This project includes designing a 5-legged roundabout which ties into a newly designed boulevard extension that provides a connection from LA 3212 (Prairie Road) to LA 675 (Jefferson Island Road). She has prepared 60%, 95% and 100% Preliminary Plans for LADOTD submittal. She analyzed the existing and proposed drainage and drafted a report containing the proposed ditch cross sections and structure sizes and respective HYDRWIN results. Ms. Pousson coordinated with state agencies, Iberia Parish Government, and utility companies for a plan in hand meeting to discuss the project's scope of work and constructability. Ms. Pousson also prepared exhibits and informational resources and coordinated public outreach for public meetings that informed the local community of the project limits and design features.				
08/17 - Ongoing	Red Davis McCollister Road and South Park Drive Roundabout (Calcasieu Parish, LA) Ms. Pousson is currently serving as the Lead Design Engineer on this project. Ms. Pousson coordinated with survey crews to obtain topographic survey and reviewed survey data to establish project baselines and limits. Jessica prepared horizontal and vertical alignments based on existing survey data and most current LIDAR available. She utilized AutoTURN to determine the necessary geometry criteria based on the client provided traffic requirements. Ms. Pousson also prepared project plan sheets including bu not limited to typical sections, plan/profiles, existing and design drainage maps, geometric details, signing and marking details, and cross section sheets addition to analyzing the survey data collected, Ms. Pousson coordinated with Calcasieu Parish to obtain as-built information to evaluate existing drainage structures and hydraulic conditions. She utilized modeling software, including HYDRWIN, and developed proposed drainage layout following local ordinance.			project baselines ed AutoTURN to ets including but a section sheets. In existing drainage		



and polices, including open ditch, cross drain, and box culvert design. Ms. Pousson prepared a drainage report containing the existing draining criteria, proposed ditch cross sections, structure sizes and respective drainage model results. Ms. Pousson coordinated with the client, Calcasieu Parish Police Jury, concerning preliminary right of way layout based on project design and client preferred future needs (future utility easement and possible roadway expansion) and coordinated the preparation of the right of way plats. Jessica coordinated with a landscape architect concerning the landscaping design and drainage/irrigation of the center island that utilized LID (Low Impact Development) design criteria. Ms. Pousson also coordinated with the electric company's local office to develop a lighting design for the roundabout based on standards and criteria provided by the Parish. Ms. Pousson provided project management including scheduling meetings, preparing follow up meeting minutes, updating project schedules based on submittals and other project

Firm employed by: C.H. Fenster	Firm employed by: C.H. Fenstermaker & Associates, L.L.C.					
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 years of experience specified in the applicable MPR(s).).					
	milestones. Towards final plans, the client indicated that portions of a proposed waterline for a local municipality needed to be included in the project's scope of work. Ms. Pousson coordinated with a local engineering firm, Manchac Consultants, Inc., to obtain design files and technical specifications to include in the final plans.					
05/14 - 02/17	Lake Charles LNG Traffic Impact Analysis and Road Improvements (LA384 & LA385): LADOTD Permit No. 153351, 153352, 153353 (Calcasieu Parish, LA) Ms. Pousson served as the Project Manager for the Calcasieu Point Development project. This project included evaluating construction traffic that will be generated by three LNG facilities, designing roadway improvements for three intersections to mitigate the additional traffic generated, and performing construction administration services. Ms. Pousson assisted in the analysis of the proposed traffic generated by the facilities and utilized SYNCHRO to model different scenarios for the LNG facilities' construction schedule and phasing. In addition to assisting roadway design efforts, Ms. Pousson revised drainage models based on updated local ordinances concerning drainage and municipal preferences based on agency coordination. She prepared Preliminary Plans and Final Plans in accordance with LADOTD Design Standards. Ms. Pousson also coordinated with the client, contractor and subcontractor, Calcasieu Parish Police Jury, and LADOTD throughout the project's construction concerning field conditions, engineering design parameters, and public outreach.					

Firm employed by: Adaptive Management an	Firm employed by: Adaptive Management and Engineering, LLC						
Venu Tammineni, PE   Geoteechn	ical Eng	nineer	Years of relevant experience with this employer		4		
, ,			Years of relevant experience with other employer(s)		15		
Degree(s) / Years / Specialization MCE   2005   Civil & Geotechnical Engineering		Year registered	2012				
Active registration number / state / expiratio	n date	36864  LA  9/30/2024	Discipline	Civil / (	Geotechnical		
Contract role(s) / brief description of Mr. Tammineni will set up a testing la		nsibilities: ovide certified material testing and possibly reviewing pil	e/drill shaft procedures				
Experience dates [mm/yy-mm/yy]		ice and qualifications relevant to the proposed contract; i.e., "designed d in the applicable MPR(s).	drainage", "designed girders", "designed intersection", etc.	Experience	dates should cover the years of experience		
1	Occidental Chemical Line Replacement, Geismar, LA: Mr. Tammineni provided geotechnical design including but not limited to HDD recommendations, Jack and Bore under the existing railway tracks and the Mississippi River Levee. Mr. Tammineni led the construction monitoring for the pipeline crossing under the CN Railway line and installed instrumentation to monitor settlement during construction.						
	Various Projects, Ohio, North Carolina: Mr. Tammineni as a field engineer provided observation and inspection of construction materials including concrete, aggregates, and soils. Performed analysis for ACIP, APGD and Mini-piles and managed the CMT services for installation of 630 production piles and prepared the materials quality control program. Performed pile load tests in conformance with ASTM D 1143 and analyzed the results using Davisson's Method for Marathon refineries in multiple locations. Completed construction observation and QA/QC for various roadway, schools, industrial facilities where meticulous notes were maintained on a daily basis for construction activities and completed concrete testing (slump cone tests with and without plasticizers, air entrainment tests, prepared 12" and 6" concrete cylinder molds, 2" grout cubes, density testing, counted rebar during installation, verified construction activities to match the specified plans and specifications, etc.). (Experience with previous employer)						
01/20 - 12/21	City of East Baton Rouge and Parish of East Baton Rouge, City-Parish Project No. 20-CP-HC-0004; Baton Rouge, LA: Mr. Tammineni provided pavement design recommendations for the proposed pavement expansion for the Highland Road at Siegen Lane/Burbank Drive intersection. As a consultant to Fourrier & de Abreu Engineers, LLC (FDAE), Mr. Tammineni coordinated all aspects of the project including, but not limited preparation of the proposal for the project, discussion with the design team, obtaining DOTD permit, executing field exploration program, assigning laboratory tests, performing pavement analyses, and preparing the geotechnical report that has been reviewed and accepted by the design team.						
03/22 - 04/22	City of Patterson, Patterson 2022 Street Improvements; St. Mary Parish, LA: Mr. Tammineni provided pavement design recommendations for the proposed pavement improvements for various streets throughout the City of Patterson. Mr. Tammineni coordinated all aspects of the project including, but not limited preparation of the proposal for the project, discussion with the design team, assigning laboratory tests, laboratory testing QA/QC, performing pavement analyses, and preparing the geotechnical report.						



Firm employed by: Adaptive Manag	Firm employed by: Adaptive Management and Engineering, LLC					
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).					
01/18 - 02/18	City of Youngsville, Chemin Metairie Parkway and Détente Road Roundabout; Youngsville, LA: The City of Youngsville planned to construct a roundabout at the existing intersection of Chemin-Metairie Parkway and Détente Road. The roundabout will have a larger footprint than the intersection and will require installation of additional fill to match grades. Planned and executed field exploration and provided recommendations for rigid and flexible pavements for the project. (Experience with previous employer).					
06/16 - 09/16	Causeway Boulevard - Earhart Expressway Interchange; New Orleans, LA: Coordinated the drilling activities for limited soil borings for the project. Three-inch diameter soil samples were obtained using a thin-walled tube and piston sampler. Soil stratigraphy was highly variable and layered and required close monitoring of the drilling crews to obtain quality soil samples. (Experience with previous employer).					
11/14 - 02/15	St. Landry Parish Smooth Ride Home – Phases II-A and II-B; St. Landry Parish, LA: Project included improving the condition of several roadways throughout the parish. Coordinated the field investigation and provided recommendations for the roadway improvements including soil-lime and soil-cement stabilization. (Experience with previous employer).					
04/11 - 06/11	Phase II Apron Pavement Improvements, Lafayette Regional Airport, Lafayette, LA: Project involved replacing the existing asphalt pavement apron with a new asphalt or concrete pavement apron to accommodate airplanes. Recommendations for CBR and modulus of subgrade reaction for design were provided. (Experience with previous employer).					

Firm employed by: Adaptive Management and Engineering, LLC						
Michael McKinney   Operations Manager	Years of relevant experience with this employer		3			
	Years of relevant experience with other employer(s) 21		21			
Degree(s) / Years / Specialization	Year registered		N/A			
Active registration number / state / expiration date	Discipline		N/A			
0-11111111111	- 1- 11-11	•				

Contract role(s) / brief description of responsibilities:

Mr. McKinney will be providing geotechnical services as needed on this project. His certifications include:

- ▼ Water Well Contractor/LA/6-30-2022
- ▼ Traffic Control Supervisor/LA/11-14-2023

Traffic Control Supervisor/LA/11-	172020
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).
07/17 - 07/18	Kaliste Saloom Improvement, Lafayette, LA – Served as operations manager for the improvement of the roadways of Lafayette Parish. Mr. McKinney coordinated all concrete pours for the project, scheduled all technicians for pours, checked and corrected all field reports associated with the project, and set up all maturity curve sensors. He also performed QA and QC for the project. All field explorations were completed in accordance with LADOTD standards. (Experience with previous employer).
07/17 - 07/18	Youngsville Roundabout Expansion, Youngsville, LA – Served as operations manager for the expansion of citywide roundabouts in Youngsville. Mr. McKinney coordinated all concrete pours for the project, acted as a liaison between the owner and the contractor, scheduled all technicians for pours, and checked and corrected all field reports associated with the project. He also in-charge of the QA/QC for the project and helped maintain records throughout the project. All field explorations were completed in accordance with LADOTD standards. (Experience with previous employer).
03/22 - 04/22	City of Patterson, Patterson 2022 Street Improvements; St. Mary Parish, LA – Mr. McKinney coordinated drilling and all field exploration services for the project. He oversaw the completion of 8 roadway soil borings and assisted with lab testing for the project.
01/20 - 12/21	City of East Baton Rouge and Parish of East Baton Rouge, City-Parish Project NO. 20-CP-HC-0004; Baton Rouge, LA – Mr. McKinney coordinated and oversaw the field exploration for the project. Temporary lane closures had to be made for the completion of soil borings in the roadway. All field exploration was completed per MoveBR standards.
06/16 - 09/16	Lake Charles, LA Pavement Improvement; Calcasieu Parish, LA - Served as the senior driller for multiple parish highways and roads. He coordinated drill rig and other equipment mobilization, drilled, and sampled various highways and pavement types throughout Calcasieu Parish. Mr. McKinney oversaw the coring and measurement of asphalt, concrete, and base material. After knowing the pavement and base course dimensions, he completed drilling and soil sampling those locations, patching the road back after completion as per LADOTD requirements. All field explorations were completed in accordance with LADOTD standards. (Experience with previous employer)
11/16 - 12/16	I-49 future Corridor Overpass Expansion Project DOTD; New Iberia Parish, LA – Worked as senior driller for the geotechnical investigation for the I-49 expansion and overpass. Mr. McKinney completed geotechnical sampling for deep foundations and overpass construction. All field explorations were completed in accordance with LADOTD standards. (Experience with previous employer).



Firm employed by: Adaptive Management and Engineering, LLC						
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).					
04/14 - 05/14	HWY 10 Bridge for DOTD, St. Francisville, LA – Senior Driller for a Bridge replacement site. Mr. McKinney assisted with the mobilization, drilling, and soil sampling for four 100' soil borings. He oversaw the coring and measurement of asphalt, concrete, and base material. After pavement and base course dimensions were selected, he completed drilling and soil sampling those locations, patching the road back after completion as per LADOTD requirements. All field explorations were completed in accordance with LADOTD standards. (Experience with previous employer).					
08/12 - 11/12	Gonzales, LA Pavement Improvement DOTD, Ascension Parish, LA – Senior Driller for multiple parish highways and roads. Mr. McKinney assisted with the mobilization, drilling, and soil sampling for various highways and pavement types throughout Ascension Parish. He oversaw the coring and measurement of asphalt, concrete, and base material. After the pavement and base course dimensions were selected, he completed drilling and soil sampling those locations, patching the road back after completion as per LADOTD requirements. All field explorations were completed in accordance with LADOTD standards. (Experience with previous employer).					
08/12 - 04/11	I-12 Bridge Expansion Project DOTD, Denham Springs, LA – Served as a senior driller for the geotechnical investigation for the I-12 expansion and lane widening for the portion that crosses the Amite River. Mr. McKinney assisted with multiple mobilizations, drilling, and soil sampling for project field investigations, including CPT soundings and drilling for the end bents and for a group of deep foundation locations. All field explorations were completed in accordance with LADOTD standards. (Experience with previous employer).					



Firm employed by: Adaptive Management and Engineering, LLC							
Justin Ator, CET   Laboratory Manager / S	Years of relevant experience with this employer	Years of relevant experience with this employer 2					
		Years of relevant experience with other employe	Years of relevant experience with other employer(s) 13				
Degree(s) / Years / Specialization	N/A	Year registered	2012				
Active registration number / state / expiration date	Discipline	Civil					
Contract role(s) / brief description of responsibilities:							

Mr. Ator will oversee all laboratory testing and will perform specialized laboratory testing. He will provide data entry for lab testing, produce boring logs, and will QA/QC all test results.

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).
03/22 - 04/22	City of Patterson, Patterson 2022 Street Improvements; St. Mary Parish, LA – Mr. Ator provided geotechnical laboratory testing and oversight for the project. He generated boring logs and performed QA/QC on all testing performed.
01/22 - 03/22	1,4Group, Inc Proposed Warehouse and Plant Facility; Ascension Parish, LA – Mr. Ator performed geotechnical laboratory testing and QA/QC for 8 soil borings and 15 CPTs. The project involved rigid and flexible pavement design for a proposed warehouse facility.
08/20 - 10/20	Flat Lake Sedimentation Study, St. Mary Parish, LA: Mr. Ator performed moisture content, density, Atterberg limits, fines content, hydrometer analysis, organics, column-settling and low-stress consolidation test.
08/19 - 08/19	Premier Geotech and Testing, LLC., Arbor Walk Subdivision; Walker, LA - Mr. Ator managed subconsultant laboratory testing of 72 soil samples for USCS classification, moisture content, density, Atterberg limits, and unconfined compressive strength.
05/19 - 06/19	Weeks Marine, Inc., Jack and Bore for Dredge Pipeline and Booster Pump Stations; Cameron Parish, LA – Mr. Ator managed and performed laboratory testing for undisturbed samples including USCS classification, moisture content, density, Atterberg limits, fines content, hydrometer analysis, and unconsolidated-undrained triaxial shear strength.
06/18 - 08/18	Bayou Long Pump Station, Atchafalaya Basin, LA - Mr. Ator performed field investigation, transported soil samples to the laboratory, completed extrusions and performed moisture content, density, Atterberg limits, fines content, hydrometer analysis, and unconsolidated-undrained triaxial shear strength on samples assigned by the project engineer.



Firm employed by: Adaptive Management and	Firm employed by: Adaptive Management and Engineering, LLC					
Trace McBride   Inspector / Field Technician		Years of relevant experience with this employer		1		
			Years of relevant experience with other employer(s)		3	
Degree(s) / Years / Specialization		N/A	Year registered	N/A		
Active registration number / state / expiration	n date	N/A	Discipline	N/A		
Contract role(s) / brief description of	f respor	nsibilities:				
Mr. McBride will be providing support	t at the	lab as needed.				
		nce and qualifications relevant to the proposed contract; i.e., "designed	drainage", "designed girders", "designed intersection", etc.	Experience	dates should cover the years of experience	
	•	d in the applicable MPR(s).				
		sville Roundabout Expansions, Youngsville, LA 🕒				
1 ' '	-	med all concrete testing for the project. He also made all c ations were completed in accordance with LADOTD standa	-	lear dens	ity testing for the project. All field	
		·			- leading of seaton and all an Ma	
1 ' '		dge Gas Company Auger Cast Piling, Calcasieu Par	•			
1		le performed all inspection and testing duties on the integ est for the viscosity of grout, and counting pumps per foot		-		
1		ADOTD standards. (Experience with previous employer).	101 130 consecutive production piles. All field exp	noracions	were completed in accordance	
	Old Spanish Trail Bridge Repair, Lafayette, LA - Served as field technician for Old Spanish Trail bridge rebuilding. Mr. McBride performed all concrete					
1 ' '	testing for the project. He also made all cylinders in the field, as well as completing all nuclear density testing for the project. All field explorations were					
	completed in accordance with LADOTD standards. (Experience with previous employer).					
10/22 -12/22	Lafayette City Government Bridge and Roadway Repairs, Lafayette, LA - Served as field technician in the repairs for bridge and roadway repairs					
	for I-49 for the city of Lafayette. Mr. McBride performed all concrete testing for the project. He also made all cylinders in the field, as well as completing					
	nuclear density testing for the project. All field explorations were completed in accordance with LADOTD standards. (Experience with previous employer).					

Firm employed by: Adaptive Management and Engineering, LLC							
Ryan Williamson, El   Engineer Intern/Inspector / Field Technician		Years of relevant experience with this employer 2.5		2.5			
			Years of relevant experience with other employer(s)		3		
Degree(s) / Years / Specialization		BS  2010  Civil Engineering & Architecture	Year registered	2018			
Active registration number / state / expirati	on date	33623   LA   9/30/2024	Discipline	Civil / C	Geotechnical		
Contract role(s) / brief description of Mr. Williamson will be providing lab							
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).						
03/22 - 04/22	City of Patterson, Patterson 2022 Street Improvements; St. Mary Parish, LA – Mr. Williamson assisted with pavement design recommendations for the proposed pavement improvements for various streets throughout the City of Patterson. Mr. Williamson acted as the field engineer for the project, collecting and logging high quality soil samples while overseeing field exploration. He provided laboratory testing QA/QC, generated boring logs, report figures, ran pavement analyses, and prepared the geotechnical report.						
01/22 - 03/22	1,4Group, Inc Proposed Warehouse and Plant Facility; Ascension Parish, LA – This project involved supporting pavement infrastructure for heavily loaded vehicles to access a proposed warehouse facility. Mr. Williamson assisted with the CPT portion of the field exploration, provided QA/QC for laboratory testing and boring logs, generated project figures, assisted with rigid and flexible pavement analyses, and drafted the geotechnical report.						
04/19 - 06/19	Jack and Bore for Dredge Material Pipeline; Cameron Parish, LA – The project involved a proposed Jack and Bore location for a dredge material pipeline road crossing in Cameron, LA. Mr. Williamson assisted with laboratory testing and boring log QA/QC, geotechnical analyses, and report text and figures. (Experience with previous employer).						
01/18 - 02/18	City of Youngsville, Chemin Metairie Parkway and Détente Road Roundabout; Youngsville, LA – The City of Youngsville planned to construct a roundabout at the existing intersection of Chemin-Metairie Parkway and Détente Road. The roundabout will have a larger footprint than the intersection and will require installation of additional fill to match grades. Mr. Williamson collected and logged soil samples while overseeing drilling. He assisted with analyses to provide recommendations for rigid and flexible pavements for the project. (Experience with previous employer).						



Firm employed by: Adaptive Management a	Firm employed by: Adaptive Management and Engineering, LLC							
Gregory Mattson, II, PE   Geotechnical Engineer		Years of relevant experience with this employer	experience with this employer 1.5					
			Years of relevant experience with other employer(s)		8			
Degree(s) / Years / Specialization		MS   2014   Civil and Environmental Engineering BS   2014   Geotechnical Engineering	Year registered	2018				
Active registration number / state / expirati	ion date	42387   LA   9/30/2024	Discipline	Civil / (	Geotechnical			
Contract role(s) / brief description of Mr. Mattson will provide field assist		nsibilities: needed, provide laboratory data QA/QC, and conduct the	e engineering analyses and reporting.					
Experience dates [mm/yy-mm/yy]	1 '	nce and qualifications relevant to the proposed contract; i.e., "designed nce specified in the applicable MPR(s).	l drainage", "designed girders", "designed intersection", etc	. Experience	dates should cover the time years of			
03/22 - 04/22	_	f Patterson, Patterson 2022 Street Improvements; and laboratory testing QA/QC. Additionally, he provided technique.		h pavemer	nt design recommendations for and			
01/22 - 03/22	1,4Group, Inc Proposed Warehouse and Plant Facility; Ascension Parish, LA – This project involved supporting pavement infrastructure for heavily loaded vehicles to access a proposed warehouse facility. Mr. Mattson was the on-site field engineer for the boring conducted as part of the field exploration. Additionally, provided QA/QC for laboratory testing and boring logs, generated project figures, assisted with rigid and flexible pavement analyses, and drafted the geotechnical report.							
McKim and Creed, PWS Trinity Derby Brine Pipeline; Frio County, TX – McKim and Creed is moving forward designing a brine transportation pipeline that includes trenchless crossings of roads, rivers, and railroad tracks. This phase of the project includes two HDD crossings, one at the Frio River and the other at Interstate 35 and a railroad. The field exploration program included the geotechnical drilling and sampling of two 50-foot soil borings. Mr. Mattson coordinated with the client's project manager and developed the proposal; provided laboratory data QA/QC; assisted with HDD recommendations; and assembled the GDR. (Experience with previous employer).								
04/19 - 06/19	Jack and Bore for Dredge Material Pipeline; Cameron Parish, LA – The project involved a proposed Jack and Bore location for a dredge material pipeline road crossing in Cameron, LA. Mr. Mattson provided laboratory QA/QC, conducted geotechnical analyses, and drafted the report. (Experience with previous employer)							
07/11 - 04/12	Multiple Projects, LA - While obtaining his undergraduate degree Mr. Mattson worked has a field technician working various roles such as pile logging, vibration monitoring, and served as a certified ACI Concrete Technician Grade I working on numerous concrete pours.							



# SECTION 17







#### 17. Firm Experience:

Firm name	Volkert, Inc.		Past Performance Evaluation Discipline(s)*	CEGI/OV
Project name	I-10 Mobile River Bridge	Progressive Design-Build	Firm responsibility (prime or sub?)	Prime
Project number	N/A		Owner's name	Alabama Department of Transportation
Project location	Mobile, AL		Owner's Project Manager	Edwin Perry, III, PE
Owner's address, phone, emai	il	1701 I-65 West Service Road N Mob	ile, Alabama 36618, 251-470-8220	
Services commenced by this	es commenced by this firm (mm/yy) 02/23		Total consultant contract cost (\$1,000's)	\$ 2,800,000
			Cost of consultant services provided by this firm (\$1,000's)	\$ 45,000

#### Project Goals Include:

- Add capacity along I-10 between Virginia Street and the Mobile/Baldwin County line to alleviate traffic congestion and facilitate economic growth
- Design and build a new cable-stay bridge with a 100-year service life and a 215-foo vertical clearance over a 600-foot channel
- Minimize impacts to the maritime industry
- Meet all requirements of the environmental documentation (previously completed)

Volkert, Inc. is providing design services for the new I-10 Mobile River Bridge (MRB) Main Span Cable-Stayed Bridge project working in association with the Design-Builder, Kiewit, Massman, and Traylor, a Tri-Venture (KMT).

The team is collaborating with ALDOT to design an aesthetically pleasing cable-stay bridge with a minimum 100-year service life and a minimum 215-foot vertical clearance over the 600-foot-wide Mobile River ship channel to add capacity and alleviate congestion in the corridor. The goal is to begin construction by March 2024 on the Main Span Cable-Stayed Bridge.

Staff to be used in this proposal: David Webber, PE, Hossein Ghara, PE, Jacob Parker, PE and Parker Schuermman, El







Firm name	Volkert, Inc.		Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	I-220/I-20 Interchange Access	Improvement and Barksdale AFB	Firm responsibility (prime or sub?)	Prime
Project number	H.003370		Owner's name	LADOTD
Project location	Bossier Parish, LA		Owner's Project Manager	Corey Landry, PE
Owner's address, phone, emai	il	P.O. Box 94245, Baton Rouge, LA 70	0804; 225-379-1889; corey.landry@la.gov	
Services commenced by this	es commenced by this firm (mm/yy) 05/19		Total consultant contract cost (\$1,000's)	\$5,604
Services completed by this fir	m (mm/yy)	12/21	Cost of consultant services provided by this firm (\$1,000's)	\$2,563

Volkert to was selected to serve as the Owner Verification Team to manage this \$71.8 M Design-Build project for LADOTD. Volkert is responsible for all project oversight for the Design and Construction on this Project. CE&I services are being provided by a Sub-Consultant. The project begins on I-220 at the existing/proposed ramp on/off acceleration/ declaration lanes north of I-20 and extends south over I-20, then continues in a southerly direction to an overpass(s) of the Kansas City Southern Railroad (KCS RR) to a terminal point on Barksdale Air Force Base property. The project on I-220 will be interstate until the gores south of I-20 at which point it will be an arterial roadway. The project along I-20 begins at a point west of Alligator Bayou and ends near Red Chute Bayou. The specific starting and ending points of the project will be established by the Design-Builder based upon new ramp geometry connections to I-220 and I-20 and the point of connection of the arterial roadway to the Barksdale Air Force Base (BAFB) roadway project. At a minimum the south end of the arterial roadway shall extend to the end of the southernmost guardrail embankment widening for the KCS RR structure(s).

Volkert OVT members reviewed and approved Interim and RFC Bridge, Roadway, Drainage, and Traffic Control Striping Plans. Electrical design services included the development of design plans to light the roadway for the entire length of the project and lighting underneath the bridge over the railroad. Volkert is managing the contractor pay estimates, change orders, inspector's daily work reports, and inspector's daily diaries in Site Manager. OVT team members use AASHTOWare to approve the contractor's weekly payrolls and the DBE subcontractor's payments. Team members use ProjectWise for document management, organization and storage for LADOTD staff to review. Volkert has also participated in several Partnering meetings.





Staff to be used in this proposal: Janet Evans, PE, MBA, Gordon Nelson, PE, Neil Kantner, PE, Reginald Jeter, PE, Hossein Ghara, PE, Ashley Beckendorf, PE, Kenneth Powers, PE





Firm name	Volkert, Inc.		Past Performance Evaluation Discipline(s)*	Bridge
Project name	LA 23: Belle Chasse Brid Improvements	dge and Tunnel (HBI)	Firm responsibility (prime or sub?)	Prime
Project number	H.004791		Owner's name	LADOTD
Project location	Plaquemines Parish, LA		Owner's Project Manager	Nicholas Oliver, PE
Owner's address, phone, email 1201 Capitol Access Road, Baton R			louge, LA 70802; 225-379-1133, nicholas.olivier@la.gov	
Services commenced by this firm (mm/yy) 02/20		02/20	Total consultant contract cost [\$1,000's]	\$ 1,500
Services completed by this firm (mm/yy) 09/24 (est.)			Cost of consultant services provided by this firm [\$1,000's]	\$ 170,000

The project shall consist of replacing the existing Belle Chasse Tunnel and Judge Perez Lift Bridge at the Algiers Canal. Proposed improvements shall include a four-lane fixed height bridge with pedestrian and bicycle accommodations. The LA 23 Intracoastal Waterway (ICWW) / Judge Perez Bridge (Structure No. 02380620200432, Recall No. 002500, Louisiana Historic Resource Inventory No. 38-00017) is a steel vertical lift bridge built in 1967 to carry LA 23 traffic over the ICWW. It is located in Belle Chasse, Plaquemines Parish (approximately latitude 29.871715, longitude -90.008684). The overall bridge length is approximately 2558 feet, including its pre-stressed concrete stringer/multi-beam and steel girder approaches. The main lift span is approximately 150 feet long by 34 feet wide. The main span with the lift towers is approximately 250 feet long.

Volkert will be responsible for providing all Engineering Design and Construction Support services including implementation of the Construction Quality Assurance Plan for the Belle Chasse Bridge & Tunnel Public Private Partnership (P3) Project which provides for the replacement of the Belle Chasse Tunnel and Judge Perez Lift Bridge with a new toll bridge. This includes the development of

construction plans, bridge replacement plans, decommissioning of the Tunnel and development of O&M plans. As the OVT, Volkert will provide guidance and support to the LADOTD Project Manager prior to and during reviews, develop review comments, attend project meetings, ensure that the DBT adheres to their contract, and address other assignments as directed. Volkert will verify that all the P3 submittals (i.e. Safety Plan; FAA permits; US Coast Guard Permits; USACE permits; Quality Manual; etc.) conform with the DBT contract documents (Final RFP) and that all required meetings (i.e. Pre-Work Conference; Design Mobilization meeting; Site Mobilization meeting; Progress Meetings; Design Reviews, etc.) are held and meeting minutes are taken.

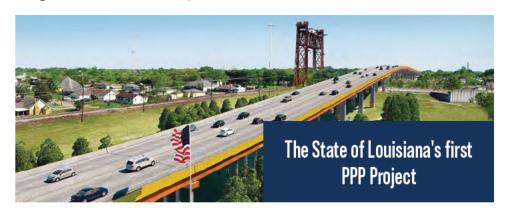
Staff to be used in this proposal: Janet Evans, PE, MBA, Gordon Nelson, PE, Neil Kantner, PE, Reginald Jeter, PE, Hossein Ghara, PE, Ashley Beckendorf, PE, Kenneth Powers, PE

#### **Team Members Involved:**

Ardaman & Associates, Inc.









Firm name	Volkert, Inc.		Past Performance Evaluation Discipline(s)*	CESI/OV
Project name	I-10 Design Build (Highl	and Road to LA 73)	Firm responsibility (prime or sub?)	Prime
Project number	H.009250		Owner's name	LADOTD
Project location	East Baton Rouge and A	Ascension Parishes, LA	Owner's Project Manager	Peggy Jo Paine, PE
Owner's address, phone, email P.O. Box 94245, Baton Rouge, LA 70		P.O. Box 94245, Baton Rouge, LA	70804, 225-379-1065; Peggy.Paine@la.gov	
Services commenced by this firm (mm/yy) 08/17		08/17	Total consultant contract cost (\$1,000's)	\$ 12,845
Services completed by this firm (mm/yy) 02/20			Cost of consultant services provided by this firm (\$1,000's)	\$ 12,343

Volkert was selected for Task Order 4 for State Contract No. 4400004915 to serve as the Owner Verification Firm (OVF) to manage this \$72M Design-Build project for LADOTD. Volkert's Baton Rouge office is responsible for all project oversight for the Design and Construction on this Project. The proposed project includes widening I-10 a quarter mile west of the I-10/ Highland Road interchange to east of the I-10/ LA 73 interchange from two lanes in each direction to three. Volkert OVF team members manage the contractor pay estimates, change orders, inspector's daily work reports, and inspector's daily diaries in Site Manager. OVF team members use AASHTOWare to approve the contractor's weekly payrolls and the DBE subcontractor's payments. Team members use ProjectWise as document management, organization and storage for LADOTD staff to review. OVF team members use VAIR (Volkert Automated Inspection Report) is a program developed by Volkert to help track and maintain construction activities by use of a Hold Point (HP). A Hold Point is a point at which the D-B contractor is required to notify the OVF and obtain verification that the work is in conformance with the contract documents prior to proceeding with subsequent work. This essentially means that the contractor needs to stop all work until the OVF releases the hold point. Volkert uses VAIR to manage material sampling activities, daily reports and activities, and pre-pour checklists for their inspectors. ECM provided Construction Quality Acceptance (CQA) services that included managing Construction Quality Acceptance activities as per the Construction Quality Management Plan (CQMP), verifying implementation and compliance to it as well as maintenance

of the CQMP; evaluating the quality of work performed by contractor, subcontractors, and suppliers and verifying that Quality Records attesting to the quality of the Work, as required by the Contract Documents, are prepared,







Staff to be used in this proposal: Janet Evans, PE, MBA, Ashley Beckendorf, PE, Gordon Nelson, PE, Stephen Heraty, PE, Kenneth Powers, PE



Firm name	Volkert, Inc.			Past Performance Evaluation Discipline(s)*		CE&I/OV
Project name	I-10 Over Lake Pontcha	rtrain Low Level Portions/Main S	Span	Firm responsibility (prime or sub?)		Prime
Project number	450-17-0029			Owner's name		LADOTD
Project location	Orleans & St. Tammany Parishes, Louisiana			Owner's Project Manager		Mike Vosburg, PE
Owner's address, phone, email 1201 Capitol Access Road, Baton Rouge, L			n Rouge, L	LA 70802, 504-465-3473, mike.vosburg@la.gov		
Services commenced by this firm (mm/yy) 8/2006			Total consultant contract cost (\$1,000's)		\$21,295	
Services completed by this firm (mm/yy) 8/2011			Cost of consultant services provided by this firm (\$1,000's	]	\$603,000	

Volkert was awarded the contract for the reconstruction of the I-10 Twin Span Bridge Over Lake Pontchartrain for the D0TD. The new bridge, completely funded with federal dollars, was built 300 feet to the east of the current bridge. It was the largest public works project in the history of Louisiana at the time it was built. The bridge has an elevation of 30 feet, 21 feet higher than the existing bridge, with an 80-foot high-rise section near the Slidell side to allow for marine traffic and withstand a much higher storm surge. The 60-foot width of each span included three 12-foot lanes and two 12-foot shoulders on each side. The bridge was designed to include reinforced concrete walls to increase storm surge resistance and minimize the effects of any barge collision. The bridge was designed for a 100-year life. It was the first bridge in Louisiana to be built entirely with high-performance concrete. This concrete is stronger, denser, and less porous than normal concrete. It is also more resistant to corrosion caused by salt water, which leads to the deterioration of the concrete structure that supports the bridge. Volkert was responsible for CEI services for the entire structure and approaches, including embankment, base course, and asphalt inspection (both roadway and plant) as well as pile driving, reinforcing steel, structural concrete inspection; and inspection of electrical lighting and fiber-optic communication installations. Also included was the off-site inspection of precast concrete piling and girder fabrication.





Staff to be used in this proposal: Janet Evans, PE, MBA, Stephen Heraty, PE

Firm name	Adaptive Management	and Engineering, LLC	Past Performance Evaluation Discipline(s)*	Geotech
Project name	Proposed Pavement Ex Siegen Lane/Burbank D	pansion for the Highland Road at Orive Intersection	Firm responsibility (prime or sub?)	Sub
Project number	20-CP-HC-0004		Owner's name	City of Baton Rouge and Parish of East Baton Rouge
Project location	Baton Rouge, LA		Owner's Project Manager	Seneca Toussant, P.E.
Owner's address, phone, ema	1	343 Third Street, Suite 511B, 22	5-960-1160; stoussant@laterre-eng.com (Design Tean	n Contact)
Services commenced by this firm (mm/yy) 01/20		Total consultant contract cost (\$1,000's)	n/a	
Services completed by this firm (mm/yy) 03/22		Cost of consultant services provided by this firm (\$1,000's)	\$25	

The project consists of several options to increase turn lanes, increase storage lengths, and provide additional capacity through the Highland Road and Siegen Lane/Burbank Drive intersection. Mr. McKinney coordinated and oversaw the field exploration for the project, which included 8 soil borings and a hand auger. Field exploration was completed on the existing pavement by Mr. McKinney, which required traffic control. Mr. Tammineni provided pavement design recommendations for the proposed pavement expansions. Mr. Tammineni coordinated all aspects of the project including, but not limited to preparation of the proposal for the project, discussion/coordination with the design team, obtaining DOTD permit, executing field exploration program, assigning laboratory tests, performing pavement analyses, and preparing the geotechnical report that has been reviewed and accepted by the design team.

Staff to be used in this proposal: Venu Tammineni, PE, Michael McKinney



Firm name	Adaptive Management and Engineering, LLC			Past Performance Evaluation Discipline(s)*	Geotech
Project name	Patterson 2022 Street	Improver	ements	Firm responsibility (prime or sub?)	Sub
Project number	N/A			Owner's name	City of Patterson
Project location	St. Mary Parish, LA			Owner's Project Manager	Melanie Caillouet, PE
Owner's address, phone, emai	Owner's address, phone, email 1297 St. Charles Street, Suite H, H			ouma, Louisiana 70360, 985-876-6380, MelanieCailloue	et@ProvidenceEng.com
Services commenced by this firm (mm/yy) 03/22		Total consultant contract cost (\$1,000's)			
Services completed by this firm [mm/yy] 04/22			04/22	Cost of consultant services provided by this firm (\$1,000's)	\$8

The City of Patterson is conducting roadway improvements for selected roads throughout the city. The roadway surfaces are currently asphalt or crushed limestone wearing surface, with an aggregate and sand base layer present in some locations. The asphalt surface layer has degraded in multiple locations, exposing the crushed limestone base. AME performed 8 soil borings on the existing roadways in support of a new pavement design. The field explorations were coordinated and overseen by Mr. McKinney. A full suite of laboratory testing was performed on the thin-walled tube samples. Mr. Ator oversaw and performed QA/QC on all laboratory testing, and generated soil boring logs for the project. Engineering design and reporting was overseen by Mr. Tammineni.

Staff to be used in this proposal: Venu Tammineni, PE, Michael McKinney, Justin Ator, CET



Firm name	Ardaman & Associates,	Inc.	Past Performance Evaluation Discipline(s)*	Geotech
Project name	I-10: LA 415 to Essen La	ne on I-10 & I-12 (CMAR)	Firm responsibility (prime or sub?)	Sub
Project number	SP No. H.004100.5		Owner's name	LADOTD
Project location	East Baton Rouge Paris	h, LA	Owner's Project Manager	Nicholas Olivier
Owner's address, phone, email 1201 Capitol Access Road, Bator		1201 Capitol Access Road, Baton F	louge, LA; 225.379.1133; nicholas.olivier@la.gov	
Services commenced by this	Services commenced by this firm (mm/yy) 07/21		Total consultant contract cost (\$1,000's)	\$20,800
Services completed by this firm (mm/yy)  Ongoing			Cost of consultant services provided by this firm (\$1,000's)	\$692

The Construction Management at Risk (CMAR) project scope consists of widening of the east and westbound lanes, elevated structures, interchanges, and ramps along I-10 from LA 415 in West Baton Rouge Parish to Essen Lane on I-10 and I-12 in East Baton Rouge Parish spanning approximately 2.5 mile. Ardaman is the Geotechnical Consultant on the CMAR team and is currently providing geotechnical support for Segment 1 which starts near the I-10 and I-110 split between Napoleon and St Joseph Streets to Acadian Thruway entrance and exit ramps.

Ardaman previously completed 58 soil borings and associated laboratory testing based on LADOTD standards, and 11 electronic cone penetration tests (ECPT) in the preliminary portion of the widening project between Napoleon Street and Louise Street under our current retainer contract in support of the project. In addition, Ardaman performed geophysical surveys along the entire alignment, which allowed for survey of the subsurface conditions between the boring locations. Ardaman is currently performing 37 additional soil borings along the Segment 1 area to supplement existing data along the alignment.

Engineering services include supervision of the field program, development of the laboratory testing program, quality control review, and development of an interactive geotechnical database to compile and analyze all the supplied soil boring data provide by LADOTD and the additional borings that are currently being performed. The engineering analyses consist of detailed selection of design reaches and design soil parameters, slope stability and settlement of earth retained structures, soil-structure interaction with existing structures, deep foundation design, and load testing recommendations. A preliminary geotechnical assessment report was prepared, and a final geotechnical design report will be submitted.

Staff to be used in this proposal: Robert Jewell, Megan Bourgeois, Jarmon King, Robert Rousset, Mark Woodward



Cirm name	Andaman C Associates	Inc	Past Performance Evaluation Discipline(s)*	Control
Firm name	Ardaman & Associates,	inc.	Past Performance Evaluation discipline(s).	Geotech
Project name	I-10 Calcasieu River Bri	dge	Firm responsibility (prime or sub?)	Prime
Project number	SP No. H.003931		Owner's name	LADOTD
Project location	Calcasieu Parish, LA		Owner's Project Manager	Kristy Smith
Owner's address, phone, emai	Owner's address, phone, email 1201 Capitol		n Rouge, LA; 225.379.1387; Kristy.Smith@la.gov	
Services commenced by this firm (mm/yy) 07/21		Total consultant contract cost (\$1,000's)	\$1,695	
Services completed by this firm (mm/yy) 01/22			Cost of consultant services provided by this firm [\$1,000's]	\$1,695

Ardaman conducted a Geotechnical Investigation to provide preliminary field data to be used in the design phase of a project that consists of replacing the existing I-10 Calcasieu River Bridge with a new structure. The proposed alignment of the project is approximately 9 miles in length and includes improvements to I-10 near the I-210 interchange and various other interchanges including entrances, exits and service roads.

Ardaman's scope of work for this phase of the project included drilling and laboratory testing of a total of 37 deep soil borings to depths up to 220 feet below ground surface and 39 ECPTs to depths up to 80 feet below ground surface, most with difficult access. Additionally, 13 electrical resistivity (ER) geophysical survey transects up to 1,100' feet in length were performed along the alignment producing soil profiles with depths up to 219 feet below ground surface.

A total of 23 of these soil borings were performed while the drill rig was mounted on a barge in water depths up to approximately 40 feet. A total of 4 of these soil borings were completed from a drill rig mounted onto a marsh buggy in shallow water depths with thick marsh grass. A detailed safety plan was developed and adhered to throughout drilling operations. Additionally, coordination and permits with the US Coast Guard was completed in order to gain access to some of the soil boring locations while others (along with the ER surveys) located within LADOTD right-of-way near the interstate had to be coordinated with the local LADOTD district office, LA State Troopers and a certified Traffic Control Contractor.

Laboratory testing which was performed based on LADOTD standards included strength, appropriate classification testing and consolidation testing. Engineering services included supervision of the field program, development of the laboratory testing program, quality control review, development of a geotechnical database and preparation and submittal of a geotechnical data report including soil boring logs, ECPT sounding logs in the LADOTD format and soil profiles.

Staff to be used in this proposal: Robert Jewell, Megan Bourgeois, Robert Rousset, Jarmon King



Firm name	Alliance Transportation Group, LLC			Past Performance Evaluation Discipline(s)*	Traffic
Project name	Harbor Bridge Design N	lanagement Oversigh	t	Firm responsibility (prime or sub?)	Sub
Project number	n/a			Owner's name	Texas Department of Transportation (TxDOT) through HNTB
Project location	Corpus Christi, TX			Owner's Project Manager	Stephen Lowry, PE
Owner's address, phone, emai	il	701 Brazos, Suite 45	0, Austin, TX 7	8704, 512.691.2200, swlowry@HNTB.com	
Services commenced by this firm (mm/yy) 09/16			Total consultant contract cost (\$1,000's)	Unknown	
Services completed by this firm (mm/yy) Ongoing (est. 08/25)			08/25)	Cost of consultant services provided by this firm (\$1,000's)	\$274

ATG is providing general engineering consultant planning and management services for the management and auditing of all activities performed under a design-build for US 181 (Harbor Bridge). The project stretches from north of the Corpus Christi Ship Channel to south of the Channel in Nueces County, TX.

Project Flatiron/ Dragados, JV, was selected in 2015 to design, construct and maintain the new Harbor Bridge. After 14 years in development, the project was even more urgent due to escalating maintenance costs. The new Harbor Bridge will have a flatter bridge grade, new lighting, and other safety enhancements, as well as a new interchange joining US 181, I-37, and the Crosstown Expressway with high-speed, direct connection for drivers traveling through this growing area.

The new bridge will have three travel lanes in each direction, full-width shoulders, and a shared-use, bicycle and pedestrian pathway. The addition of shoulders on the bridge will enhance its designation as a hurricane evacuation route and will improve safety by allowing stalled or crashed vehicles to be removed from travel lanes. The bridge also will have a higher clearance at about 205 feet, which will give the Port of Corpus Christi access to the largest ocean-going vessels, including ships traveling through the expanded Panama Canal. At 1,655 feet, the new Harbor Bridge will be the longest main span cable-stayed bridge in the United States and the third longest in the world.

ATG provided oversight services of the developer during design and construction for traffic disciplines including traffic operations, plan set reviews, IAJR's, general guidance for project development engineers, and reviewing/addressing construction issues. The ATG team focused on traffic control, ITS, illumination, and signal design.

Construction is expected to be complete in early 2025.

Staff to be used in this proposal: Jacob Sessions, PE



Firm name	Alliance Transportation	Group,	, LLC	Past Performance Evaluation Discipline(s)*	Traffic
Project name	Plank Road relocation 1	Traffic S	Study	Firm responsibility (prime or sub?)	Sub
Project number	n/a			Owner's name	LADOTD
Project location	Baton Rouge, LA			Owner's Project Manager	Ryan Hoyt, P.E.
Owner's address, phone, email 1201 Capitol A			Capitol Access Road, Baton Ro	ouge, LA 70802, 225.379.1232, ryan.hoyt@la.gov	
Services commenced by this firm (mm/yy) 04/20		04/20	Total consultant contract cost (\$1,000's)	\$175	
Services completed by this firm (mm/yy) 11/21			11/21	Cost of consultant services provided by this firm (\$1,000's)	\$98

ATG performed the traffic study of the Plank Road relocation in support of the Baton Rouge Metropolitan Airport expansion in accordance with the LADOTD Traffic Engineering Process and Report guidelines. The project extended along LA 408 from Merle Gustafson Drive to Mickens Rd and included performing data collection to understand existing conditions, preliminary analysis to evaluate a universe of alternatives, and final analysis to select the preferred alternative for the intersections of LA 408 at Plank Road and LA 408 at New Plank Road.

ATG provided cost savings to LADOTD by utilizing and validating previously collected data from an earlier Plank Road Relocation Study. Existing and forecasted volumes were used to perform the preliminary analysis using CAP-X to identify different alternatives for Plank Road (existing) and the relocated Plank Road. Once all alternatives were evaluated, ATG recommended 5 viable alternatives to the schematic engineers. As such, ATG was a part of ongoing discussions with the schematic engineers to provide input in the design. Driveways along the corridor as well as speed and the avoidance of weaving maneuvers were taken into consideration for the presentation of the preferred alternative. The preferred alternative was evaluated as part of the final analysis. ATG compared the proposed alternatives with the existing geometry to identify a reduction in conflict points as part of the safety analysis. HCS was used to evaluate the ramps, basic segments, merge and diverge areas, and weave locations for the proposed alternatives.

The final preferred alternative was evaluated as part of the final analysis. ATG compared the proposed alternatives with the existing geometry to identify a reduction in conflict points as part of the safety analysis. HCS was used to evaluate the ramps, basic segments, merge and diverge areas, and weave locations for the proposed alternatives.

Staff to be used in this proposal: JD Allen, AICP, WSO-CSSD, PTSCTP, TSSP-Rail/Bus



Firm name	Alliance Transportation	n Group,	LLC	Past Performance Evaluation Discipline(s)*	Road
Project name	I-10/I-12 College Drive F	Flyover F	Ramp OVS	Firm responsibility (prime or sub?)	Sub
Project number	S.P. No. H.013897, F.A.P. No. H013897			Owner's name	LADOTD
Project location	Baton Rouge, LA			Owner's Project Manager	Catherine Mastin, P.E.
Owner's address, phone, ema	Owner's address, phone, email 1201 Capitol Access Road, E		apitol Access Road, Baton Ro	ouge, LA 70802, 225-379-1652, catherine.mastin@la	ı.gov
Services commenced by this firm (mm/yy) 09/20		09/20	Total consultant contract cost (\$1,000's)	\$4,824	
Services completed by this firm (mm/yy) Ongoing			Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$171

The College Drive Flyover Ramp project is being performed as a design-build by Boh Bros Construction Co. for the I-10 and I-12 interchange and College Drive corridor in Baton Rouge, LA. The project includes ramp reconfiguration and corridor-level improvements to improve safety and levels of congestion in the project area. ATG is tasked with reviewing project deliverables and providing analysis comments in coordination with LADOTD and FHWA. Reviews are to comply with the LADOTD Traffic Engineering Process and Report Guidelines; Complete Streets Policy; Engineering Directives, and Standards Manual (EDSM); Highway Safety Manual (HSM); and LADOTD's Design Guidelines.

Volkert, Inc.

Team Members Involved:

As a subconsultant to Volkert, the ATG team reviewed the Transportation Management Plan (TMP), which laid out a set of coordinated transportation management strategies and described how they would be used to manage the work zone impacts along the project corridor and adjacent routes (detour). Transportation management strategies for the work zones included temporary traffic control measures and devices, public information and outreach, and operational strategies (signal retiming, traffic incident management, travel demand management, etc.).

The College Drive Flyover Ramp was determined to be a "TMP Level 4 project," in accordance with EDSM VI.1.1.8. As such, traffic data collection and analysis followed EDSM VI.1.1.4 and with LADOTD Traffic Reporting procedures. Safety analysis and alternate routes were reviewed with LADOTD and FHWA staff. During the TCP planning and design stages, each TCP phase was established and designed in accordance with the Manual on Uniform Traffic Control Devices (MUTCD). The TCP plan sheets detailed the sequence of construction and handling of traffic for each associated construction phase in compliance with LADOTD EDSM III.1.1.23.

VISSIM models were used to evaluate alternatives and phases of construction through the comparison of measures of effectiveness, including delay, travel time, level of service, queue length, volume to capacity ratios, and speed. The existing condition microsimulation model was calibrated to FHWA standards in preparation for future Interstate Access Justification Studies.

Staff to be used in this proposal: JD Allen, AICP, WSO-CSSD, PTSCTP, TSSP-Rail/Bus



Firm name	C.H. Fenstermaker & As	sociates L.L.C.	Past Performance Evaluation Discipline(s)*	CEGI/OV
Project name	US (I-49 South) Design Ambassador Caffery	Build – Albertson Parkway to	Firm responsibility (prime or sub?)	Sub
Project number	H.010620		Owner's name	Louisiana Department of Transportation and Development
Project location	Lafayette Parish, LA		Owner's Project Manager	Peggy Jo Paine, P.E.
Owner's address, phone, email 1201 Capitol Access Road, Bate		1201 Capitol Access Road, Baton Ro	ouge, LA 70802, (337) 475-4287, peggy.paine@la.go	V
Services commenced by this firm (mm/yy) 11/2012		11/2012	Total consultant contract cost (\$1,000's)	\$4,939
Services completed by this firm (mm/yy) 10/2019			Cost of consultant services provided by this firm (\$1,000's)	\$3,082

US 90 (I-49 SOUTH) was a \$69.4 million award-winning construction project to widen U.S. Highway 90 from four lanes to a six-lane, control-of-access facility designed to interstate standards. Fenstermaker was the lead design firm through a joint venture with James Construction Group (Primoris) for this high-profile design-build project. The design included geometric improvements to several miles of frontage roads; construction of a grade separated, six-lane overpass structure over the existing BNSF railroad facility; a grade separated, six-lane overpass interchange over Albertson Parkway; associated mainline entry/exit ramps to connect overpass structures and frontage roads; new signalized intersections; intersection design; Mechanically Stabilized Earth Retaining Walls (MSEW); and drainage structures. Fenstermaker also performed quality control reviews on the survey work completed by CD&C.

Challenge: This project was a design-build delivery with a pre-established lump sum construction cost. The existing US 90 corridor right-of-way was not large enough to accommodate all required improvements. Due to the lump-sum construction costs restraint, avoiding the acquisition of additional right-of-way to accommodate all improvements was the biggest challenge for the design team.

Solution: The design team was creative in providing geometric roadway layouts requiring less space within the right-of-way. These layouts met all existing codes. The designed retaining wall structures (i.e., MSE walls) minimized the footprint of improvements. These solutions resulted in no additional right-of-way acquisition.



Staff to be used in this proposal: Scott Courville, Travis Bodin, MBA, PLS, PMP, Bradford Millet, PLS, El



Firm name	C. H. Fenstermaker & A	ssociates, L.L.C.	Past Performance Evaluation Discipline(s)*	CEGI/OV
Project name	Kaliste Saloom Road Wi Improvements - LA307	9	Firm responsibility (prime or sub?)	Prime
Project number	Not applicable		Owner's name	Lafayette Consolidated Government
Project location	City of Lafayette, Lafay	vette Parish, LA	Owner's Project Manager	Mark Lavergne, P.E.
Owner's address, phone, email 1515 E. University Aven		1515 E. University Avenue   (337) 2	91-56442   mlavergne@lafayettela.gov	
Services commenced by this firm (mm/yy) 10/0		10/08	Total consultant contract cost (\$1,000's)	\$4600
Services completed by this firm (mm/yy) 06/23		Cost of consultant services provided by this firm (\$1,000's)	\$4600	

The Kaliste Saloom Road Widening Project is a \$34 million construction project designed to be a walkable urban thoroughfare with shared bicycle lanes and 8-ft wide sidewalks in accordance with Complete Streets and Context Sensitive Solutions guidelines. Fenstermaker is responsible for the surveying, right-of-way platting, engineering design, con struction plan development, and CE&I to widen Kaliste Saloom Road, an over-capacity major arterial roadway, from a 2-lane asphalt roadway to a 5-lane road with a continuous center turn-lane concrete roadway for approximately 1.7 miles. Fenstermaker both recommended and developed a line and grade study to the client to analyze optimal alignment and widening options based upon minimizing impacts and costs. In addition, Fenstermaker was responsible for the design of all water and sewer utility relocations as well as drainage outfalls presented as stand-alone construction plans and construction efforts.

Challenge: The 1.7-mile roadway is in a densely populated and developed corridor with a multitude of utilities, both privately and city owned, that provide connectivity to a large portion of southern Lafayette Parish and would be greatly impacted by the roadway widening project.

Solution: Fenstermaker suggested and, subsequently, performed a line and grade study which compared alternatives (widening symmetrically, asymmetrically, and spot location improvements) and ultimately resulted in an asymmetrical alignment. Fenstermaker also coordinated with the utility companies to relocate necessary utilities and to remedy conflicts via custom conflict boxes and utility offsets designed by the project team.

Staff to be used in this proposal: Travis Bodin, MBA, PLS, PMP, Bradford Millett, PLS, El, Chris Guidry



Firm name	C. H. Fenstermaker & Associates, L.L.C.		Past Performance Evaluation Discipline(s)*	Road, Survey, Right-of-Way, CE&I/OV, Environmental
Project name	Sasol Heavy Haul Road Engineering and Construction (LA 378 & LA 379) & Traffic Intersection Improvements		Firm responsibility (prime or sub?)	Prime
Project number	Not applicable		Owner's name	Fluor Enterprises, Inc.
Project location	City of Westlake, Calcas	sieu Parish, LA	Owner's Project Manager	Sean Anderson, Contracts Manager
Owner's address, phone, emai	1	3535 Houston Road, Westlake, LA,	70669   (337) 310-7280   sean.m.anderson@fluor.c	om
Services commenced by this firm (mm/yy) 06/17		06/17	Total consultant contract cost (\$1,000's)	\$13,667
		Cost of consultant services provided by this firm (\$1,000's)	\$13,667	

The Sasol Heavy Haul Route was a \$60 million multi-award-winning construction project that widened a 2.4 miles of state highway from 2 lanes with no shoulders to 3 lanes with a continuous two-way left turn lane (TWLTL) and shoulders. Fenstermaker received accolades for the project from organizations such as the LADOTD, ACEC, and ABC. The project was selected as the recipient of the 2018 Louisiana Transportation Excellence Award in two categories: Use of Innovative Product or Technology and Roadway/Bridge Construction > \$10 million.

Staff to be used in this proposal: Travis Bodin, MBA, PLS, PMP, Bradford Millett, PLS, El, Chris Guidry

Road	Survey & Right-of-Way	CE&I/OV	Environmental
Fenstermaker successfully designed	Fenstermaker played a crucial role	In addition to the adaptive traffic	Fenstermaker provided permitting services for
and implemented an innovative Adaptive	in surveying and land acquisition	management system, many other	the project's LADOTD Utility Permit. This permit
Traffic Signalization system, the first of	for the project. The survey team	improvements along several State Routes	was required for the installation of a 6-inch
its kind in Louisiana. This advanced	conducted a comprehensive	were implemented. This work included	High Density Polyethylene (HDPE) across
signalization technology dynamically	topographic survey and ROW	subsurface drainage, several miles	three LADOTD rights-of-way on LA Highway
adjusts signal timing and sequencing at	acquisition and mapping, resulting	of roadway widening, and intersection	378 (Sampson Street). The installation of
multiple intersections simultaneously,	in acquiring more than 100 parcels,	improvements along Houston River Rd.	the pipeline also crossed the Union Pacific
optimizing traffic flow and reducing	including churches, schools, and	(LA Hwy 379), Sampson Rd (LA Hwy 378),	Railroad railway tracks along Highway 378.
congestion. Fenstermaker also designed	commercial facilities.	North Beglis Pkwy (LA Hwy 27), and US	Fenstermaker coordinated with and secured
drainage improvements along 2.83 miles	The survey team also utilized	Hwy 90. Fenstermaker provided inspection	permits from USACE, the City of Westlake,
of the project, including the installation of	advanced techniques such as laser	services and oversight of construction	Calcasieu Parish, USCG, La DEQ, La DNR, and
a 96-inch pipe underneath the roadway.	scanning of manholes and ground-	for the heavy haul road and various	railroad companies. Additionally, Fenstermaker
These improvements successfully	penetrating radar for Subsurface	intersections. Fenstermaker was responsible	prepared permitting sketches and exhibits to
enhanced the drainage system while	Utility Engineering (SUE).	for overseeing drainage installation, the	support all applications.
keeping the road open to traffic.	(002)	placing of concrete, signal installation, utility	
		relocation, and grading.	



Firm name	Pan American Engineers, LLC		Past Performance Evaluation Discipline(s)*	CEGI/OV
Project name	Design-Build US 90 at L	A. 318 Interchange, St. Mary Parish	Firm responsibility (prime or sub?)	Sub
Project number	H.004932		Owner's name	LA. DOTD
Project location	Jeanerette, LA.		Owner's Project Manager	Tim Nickel
Owner's address, phone, email	Owner's address, phone, email P. O. Box 94245, Baton Rouge, LA. 7		70804-9245	
Services commenced by this firm (mm/yy) 11/2015		Total consultant contract cost (\$1,000's)	N/A	
Services completed by this fir	m [mm/yy]	6/2018	Cost of consultant services provided by this firm (\$1,000's)	\$4,139.5

This was a Design-Build project for DOTD and Gilchrist Construction Co. was awarded the contract. The intent of this project was to build a 4-lane section of US 90 and an overpass on LA. 318 over US 90. Pan American Engineers was hired by Gilchrist Construction Co. to provide the QA/QC services for the project. We completed all the inspection services for this project and we were monitored by GEC, DOTD and the FHwA. Those members from PAE were Doug Hood and John P. Gagnard (engineers).



Staff to be used in this proposal: Brad Dill, Ginger Bonds, Wilfred, Fields, Denise Blanchard, Carmen Granger, Ralph Liggins and Ricky McCann.

Firm name	Pan American Engineers, LLC		Past Performance Evaluation Discipline(s)*	CEGI/OV
Project name	Fort Buhlow Bridge		Firm responsibility (prime or sub?)	Prime
Project number	840-43-0001		Owner's name	LA. DOTD
Project location	Alexandria/Pineville, LA.		Owner's Project Manager	Chris Guidry
Owner's address, phone, emai	Owner's address, phone, email P. O. Box 94245, Baton Rouge, LA. 7		e, LA. 70804-9245	
Services commenced by this firm (mm/yy) 11/2010		Total consultant contract cost (\$1,000's)	\$9,306.58	
Services completed by this fir	rm [mm/yy]	6/2016	Cost of consultant services provided by this firm	(\$1,000's) \$9,306.58

Pan American Engineers was awarded a contract by DOTD to provide the CE&I services for DOTD for the construction of the new high rise bridge (Fort Buhlow bridge) over the Red River, between Alexandria and Pineville. This also included the demolition of the existing high rise bridge (O.K. Allen bridge).



Staff to be used in this proposal: John P. Gagnard, Richard "Pete" Bruce (engineers). Inspectors were Bennie Williams, Jay Riche, Bruce Villemarette, Paula Monk, Jodie Nichols, and Ricky McCann.

Firm name	Manchac Consulting Gr	oup, Inc.	Past Performance Evaluation Discipline(s)*	Road
Project name	Walter O Bigby Carriageway Roadway Project Management		Firm responsibility (prime or sub?)	Prime
Project number	1		Owner's name	City of Bossier City, Louisiana
Project location	Bossier City, Louisiana		Owner's Project Manager	Mr. Tommy Chandler, Mayor
Owner's address, phone, emai	i	620 Benton Road, Bossier City, LA;	mayorsoffice@bossiercity.org; 318.741.8504	
Services commenced by this firm (mm/yy) 11/2010		11/2010	Total consultant contract cost [\$1,000's]	\$9,306.58
Services completed by this fir	m (mm/yy)	03/2020	Cost of consultant services provided by this firm (\$1,000's)	\$2,100,000.00

Manchac Consulting Group was retained to manage the construction for this project. Walter O. Bigby Carriageway (WOBC) project consists of about 1.3 miles of new multi-lane urban roadway to be mostly constructed just landward of the existing Red River levee in Bossier City, Louisiana. The WOBC will begin near the existing intersection of Old Benton Road with US Highway 79/80 and extend north/northeast, paralleling the levee and eventually intersecting LA Highway 3 (Benton Road) to the north of Citizens Bank Drive. The southern portion of WOBC roadway will be constructed at grade while the northern portion will be an elevated overpass to cross over the existing KCS railroad. The southern portion of road constructed at grade will require new storm water drains that will drain northward to a pump station located at the beginning of the overpass. The project will also include adding a new segment of roadway to Citizens Bank Drive that will extend the roadway.

Firm name	Manchac Consulting Group, Inc.		Past Performance Evaluation Discipline(s)*	Road	
Project name	Morganfield Golf Cours	e Entrance Road		Firm responsibility (prime or sub?)	Prime
Project number	3		Owner's name	City of Lake Charles, Louisiana	
Project location	Lake Charles, Louisiana		Owner's Project Manager	Kevin Heise	
Owner's address, phone, emai		326 Pujo St., Lake Charles,	LA 706	101; kevin.heise@cityoflc.us; 337.541.1712	
Services commenced by this firm (mm/yy) 11/2010			Total consultant contract cost (\$1,000's)	\$9,306.58	
Services completed by this fir				Cost of consultant services provided by this firm (\$1,000's)	\$2,143,593

Manchac Consulting Group was retained by the City of Lake Charles to construct a new road to access the Morganfield Golf Course and Club House which it was in the process of developing. This engineering design scope of work to complete these improvements required the following: Design of approximately 450-LF of three (3) lane section curb and gutter asphaltic pavement. Design of sidewalks on both sides of roadway. Design of closed drainage system routed to nearest golf course detention pond. Design of sanitary sewer collection system and appurtenances located adjacent to roadway. Design of turnouts for future development. Design and coordination for street lighting. Design of pavement Striping. Design of street signage. Manchac also provided part-time residential project representative services (4 hours per day) for the duration of the construction contract.

Firm name	Carbo Landscape Archi	tecture	Past Performance Evaluation Discipline(s)*	Planning
Project name	Nicholson Gateway Stre	eetscape Improvements	Firm responsibility (prime or sub?)	Sub
Project number	N/A		Owner's name	Louisiana State University – Baton Rouge
Project location	Baton Rouge, Louisiana		Owner's Project Manager	Dennis Mitchell (Asst. Dir Campus Planning)
Owner's address, phone, emai	1	Facility Services Building   498	ieldhouse Drive   Baton Rouge, LA 70803	
Services commenced by this firm (mm/yy) 03/15		Total consultant contract cost (\$1,000's)	\$1,100	
Services completed by this firm (mm/yy) 08/18			Cost of consultant services provided by this firm [\$1,000's]	\$60

The Nicholson Drive Streetscape project was the first phase of a multi-phased, mixed-use development that established a stronger identity for the LSU campus along Nicholson Drive. The site previously included a large, surface parking lot, and several Campus Housing buildings, and was the former home of Alex Box Stadium. Nicholson Drive (LA 30) is a major thoroughfare between south Baton Rouge and downtown Baton Rouge, and it passes through the western part of the main LSU campus. As such, this project establishes a stronge identity for the LSU campus entrance, improves pedestrian safety, increases ADA accessibility, and introduces traffic calming.

Improvements to Nicholson Drive within this area include street realignment and median enhancements, storm drainage improvements, new pedestrian sidewalks and crosswalks, and renovated landscaping along the edges and in the median.

Staff included in this proposal: Zachary Broussard





# SECTION 18







#### 18. Approach and Methodology:

Provide a description of how the work will be performed and provide the proposed project schedule. Include any additional information or description of unique resources that are planned to be used to produce the deliverables. Include any proprietary technologies, methods or approaches that will be used on this project to improve quality or efficiency. If the proposal is for an IDIQ contract, the consultant should review the scope of services in Attachment A to the advertisement to obtain a general understanding of what a typical task order would entail. Based upon that understanding, the consultant should provide a sample schedule that identifies the major milestones, deliverables, tasks, etc., to demonstrate sufficient understanding of a typical task order. The duration of the task order is not required. This section shall be limited to four pages. \*\*\*SPECIAL NOTE: UP TO 8 PAGE APPROACH AND METHODOLOGY ALLOWED: If more than eight pages are included, all pages after the eighth page will not be evaluated.

## Background:

Volkert's core project team has worked together for the past year and half on this project as part of a P3 team. Our understanding of this project was gained during the procurement phase of the project. We understand the features within the DB project limits, and the requirements of the Concessionaire Agreement, and the Project Performance Specifications. Therefore, this approach is presented with full knowledge of the potential issues and solutions the Concessionaire and DB contractor may encounter. The final proposed solution is not known at this time, so we are not aware of ATC's which may have been approved for the selected concessionaire. The Volkert Team knows more about this project than other responders to this advertisement because of our participation in the procurement process.

The staff listed to the right has reviewed the Concessionaire Agreement, the project reference data, and the Performance Specifications. They have reviewed all the questions and answers on this project up until two weeks before submittal. Due to our extensive knowledge regarding this project, there will be very little time spent trying to understand the project goals and requirements.

The Volkert team also has at its core, staff who have worked together on major Louisiana alternative delivery projects for almost 10 years. Roles and responsibilities are well understood and the partnering offered among our technical staff will allow the Department to pull from all resources as needed to develop solutions to the challenging problems that sometimes arise. We are the only firm who has provided CE&I/OV for a P3 project in Louisiana, the Belle Chasse Bridge and Tunnel Project (SP No. H.004791).

Volkert has been the go-to firm for the Department for large, high-profile projects that either have an accelerated schedule or complicated components for almost 20 years. This submittal shows our Louisiana experience from the Twin Spans project to the current I-10 widening CMAR project. We feel that this project has aspects that will require a team that understands DOTD construction, the Concessionaire-DB contractor relationship and who can fully support the

- Janet L. Evans, PE was lead Design Engineer for P3 team.
- ▼ Hossein Ghara, PE was lead Structural Engineer for P3 team.
- **Robert Vermillion, PE** was lead Roadway Engineer for P3 team.
- Ashley Beckendorf, PE analyzed the project DB limits for drainage requirements.
- Micah Fremin reviewed all property acquisition, valuation, and relocation requirements for the proposed parcels to be acquired by the P3 team.
- Chris Guidry attended the USACE and USCG meetings for the P3 team.
- Travis Bodin, PLS, reviewed all control data, survey information, property descriptions and parcel data for the P3 team.
- Megan Bourgeois, PE developed pile/drill shaft capacity curves, provided pavement designs and settlement/ consolidation calculations for P3 team.
- ▼ Jacob Sessions, PE provided ITS design and integration into the Toll Collection System for P3 team.
- Trey Gamble, PE has multiple traffic models generated for P3 team and has fully reviewed the Interchange Modification Report (IMR) developed by the Department.
- Zachary Broussard, provided aesthetic and landscape design solutions for P3 team.
- Reggie Jeter, PE worked to develop the P3 team P6 schedule.











Project Manager from Limited Notice to Proceed (LNTP) to final acceptance and project close out. We believe the Volkert Team provides all of that to the Department and is eager to get started.

## Staff

Volkert's goal has always been to provide a highly qualified staff for both design and construction. We limit hours charged to the project to what is needed to perform each task. We have very few CE&I/OV projects that have full-time staff on them, except for the inspection staff which will operate daily during construction. Our lead staff is available 24 hours a day, 7 days a week. DOTD Project Managers already know our cell phone numbers. On previous large projects, we have not needed the entire approved fee. We have provided refunds to the Department of fees that was not spent on major projects from I-10 Twin Spans to I-10 at Highland Road. Barksdale CEI/OV fee was repurposed to help support the Project Manager with the Air Force Base activities.

## **Team Members**

We understand loud and clear the economic benefit that this project is hoped to have on the West Lake/Lake Charles area. We had already teamed with both Fenstermaker and Alliance on the P3 procurement as they have Lake Charles offices. In an effort to develop a local staff for this project, we have added Providence Engineering (Providence) (located in Lake Charles to provide field inspection), Manchac (located in Lake Charles to provide field inspection) and Pan American (located in Alexandria to provide field inspection). As always, we have also selected firms that have not traditionally been involved in the large DB/P3 projects, as a way of helping to grow these firms and provide additional resources to the Department.

For the DBE component we have thought out of the box and selected Adaptive Management and Engineering, LLC (AME). Volkert was familiar with Venu Tammineni and his firm from our previous coastal work. When researching testing labs in the greater Lake Charles area we found them lacking. We reached out and asked if Mr. Tammineni would be willing to establish a testing lab in the project area and provide the QA testing for this team. His response was a resounding yes. He had been looking for just such

an opportunity. So we proposed to have a new certified testing lab established in the greater Lake Charles area, and then utilize AME in support of Ardaman & Associates, Inc. (Ardaman) for additional work to meet or exceed the DBE goal of 10% for this project.

We feel that with our teaming and our approach this project will provide additional experience and certification to local staff and establish a lasting benefit to the area.

## **Project Delivery**

## **Contract Administration**

Volkert as Prime Consultant will be responsible for all contract administration. Volkert's first steps will be to develop a QA/QC document to be submitted to the DOTD PM for approval. The plan will be a living document which be updated as needed. This plan will be the basis of the quarterly QA/QC audits that will be performed by the Volkert OV team and submitted to the DOTD PM and the FHWA for information. The plan will include project start-up procedures, audit objectives and procedures, documentation and organization. Documentation will include a matrix of OVT Responsibilities required by the concessionaire's agreement and the project Technical Performance Specifications, when it is to be submitted, what action is to be taken by whom, with signatures and audit reports which will become part of the living document. It will be signed and dated for each quarterly audit performed. We will follow the numbering as developed in Table 24-1, Summary of Submittals (1 to 224) which is part of the Project Technical Performance Specifications. A sample is shown from the Belle Chasse Bridge and Tunnel Replacement below.

PROVISIONS	DESCRIPTION	RESPONSIBLE FOR SUBMETTAL/RESPONSE	J. 10. 17	RESPONSIBLE FOR APPROVAL/ISSUE	DATE OF APPROVAL	PROGRESS COMMENTS	211
2.1 Project Management Plan	9.0 Toll Management Plan 9.A Preliminary Design & Planning  Organization Design & Installation Procedures  O & M Procedures	2	3/5/20	LA DOTO PM/OVT PM	09/10/2020	SUB 0023.91.06 Final Disp PMP-9A. Appendix 2 Prelim Design Doc	1116/115
2.1 Project Management Plan	9.0 Toll Management Plan 9.8 Final Design Procedures • Design & Installation Procedures	P3	3/5/20	LA DOTD PM/OVT PM	09/10/2020	SUB 0021.92.05 Final Disp PMP 9A. Appendix 6 Toll Maintenance Flan	B
2.1 Project Management Plan	9.0 Toll Management Plan 9.C System Development • Testing Plan & Manuals	P3	3/5/20	LA DOTD PM/OVT PM	09/10/2020	SUB 0021.93.02 Final Disp PMP SA Appendix 3 Master Test Plan	
2.1 Project Management Plan	9.0 Toll Management Plan 9.0 Testing, installation and O&M  • Documentation/FAT results	P3	3/5/20	LA DOTD PM/OVT PM	10/04/2020	SUB 0021.91.03 Final Disp PMP SA Appendix 4 Installation Plan	



Volkert is prepared to start working under an advance notice to proceed by the Department if requested and if contract negotiations are not complete in time to begin coordination of required submittals which are due withing 120 days of LNTP/NTP. These submittals include the project administration plan, design management plan, design quality management plan, DBE plan, workforce development plan, project management plan, partnering plan, and attending design workshops. Volkert is aware of the potential Limited Notice to Proceed (LNTP) and the work that can be performed by the Concessionaire prior to the full NTP which is defined in 23 CFR 636.109. Volkert will be prepared to attend the project kickoff meeting which shall be no later than 14 days following the LNTP/NTP.

Mr. Reggie Jeter will review the Developer's CPM including logic and provide comments as needed. Mr. Jeter has been providing this service for 4 of our other alternative delivery projects and his time charged is 2 hrs. to 4 hrs. a month depending on if a meeting for resolution is needed. Sometimes baseline schedules or extra work additions may increase the review time.

Cindy Henry will be Document Control Manager and has been providing this service for over 10 years with the most recent 3 years being at Volkert. She understands ProjectWise and will support Neil Kantner in the distribution of items for review during design and Jessica Miles for distribution during construction. A project specific email will be created upon selection and that email will be utilized on all correspondence so that all can be archived and saved or turned over to DOTD, if needed.

Volkert staff is familiar with ProjectWise, Headlight, SiteManager, LIMS, AASHTOWare and the other construction management programs utilized by the Department. Additional training will not be needed. We are working through the transition of construction material software as discussed below and intend to use no software unless approved by DOTD.

#### HeadLight

Volkert has experience using HeadLight as an inspection tool to generate site observations and daily reports. In addition, Volkert is one of the first consultants to use HeadLight without Site Manager. Estimates, change order and construction reports will all be available in HeadLight as SiteManager is phased out.

#### HeadLight Materials

Volkert is using HeadLight Materials to create sample IDs for material sampling as SiteManager Materials and LIMS is being phased out by DOTD. Online access by desktop, laptop, iPad or phone is valuable for creating needed sample IDs at any time. It lessens delays in having to have the forms filled out in the office setting. The inspector can take the sample, create the sample ID, and deliver the sample to its location for testing.





### HeadLight Sample Plan

Volkert is also using HeadLight Sample Plans to generate project specific material sampling plans. The Sample Plans generated in HeadLight is an extremely useful tool for tracking material tests and all relevant information for the 2059 project close-out procedure.





#### Other Duties

In addition to weekly briefings of the Project Manager the Volkert team will manage the following

▼ RFI 's

Change orders

▼ NCR's

Construction claims (in accordance with the EDSM)
 including recommendations to the owner

Final estimate packageProject close out.

Pay applications.

Volkert has successfully closed out all projects assigned to us to the approval of both the DOTD and the FHWA. This includes the projects that were assigned to Volkert to take to final completion.

# **Design Support Services**

Neil Kantner as Design Manager will coordinate the design review process by handling the distribution of materials, provide design audits, collect, and complete comments and document the review process and timeline. We will use the form DR process for design units and other submittals as needed. The Volkert team has assigned the staff shown to support DOTD design sections in the review of information for this project.

The staff listed will be coordinated by Mr. Kantner and the correspondence will be tracked by Ms. Cindy Henry. Additionally, if needed due to the size of this project and possibly the schedule, our team has a depth of staff which can step in and do reviews, provide additional comments and support the key staff above. These are highlighted on our organizational chart.

DOTD, Consultant and Volkert Team comments will be reviewed and combined so that the Developer receives a concise form DR that can be easily answered or discussed. We will also, upon Project Manager approval, forward RFC plans to the FHWA for approval prior to final release to the Developer.

Volkert will provide any other design support as requested by the Project Manager including the audit of the Developer's Quality Control (QC) design policies and procedures and review the Developer's design and plan development, provide design reviews associated with construction policies or procedures and provide review, recommendation, and processing of RFIs and change orders. The team has and will continue to review redline drawings and construction redesigns and draft agreements with utilities, railroads, and other stakeholders.

Specification Section	DOTD Section	Volkert Team Member	Firm
Environmental	Environmental (USACE USCG)	Chris Guidry	Fenstermaker
	Environmental (Hazardous Waste)	Robert Ray	Volkert
ROW acquisitions Services	Real Estate	Micha Freeman	Volkert
Utilities	District Utility	Pat Landry	Fenstermaker
Rail	Freight & Rail Division	Sam Matheny	Volkert
Geotechnical	Geotechnical Engineering	Megan Bourgeois	Ardaman
		Venu Tammineni	AME
Surveying	Location and survey	Travis Bodin	Fenstermaker
Demolition	Bridge Design	Hossein Ghara	Volkert
Roadway & Grading	Road Design	Robert Vermillion Ashley Beckendorf	Volkert
Pavement Structure	Pavement Design	Megan Bourgeois	Ardaman
Drainage	Hydraulics	Ashley Beckendorf	Volkert
Structures	Bridge Design	Hossein Ghara	Volkert
Aesthetics and Landscaping	District 07 Utility Engineer	Zachary Broussard	Carbo
Aesthetic Lighting	Bridge Design (Electrical)	Ken Powers	Volkert
Electrical Highway and Bridge lighting	Bridge Design (Electrical)	Ken Powers	Volkert



## **Construction Support Services**

The Volkert team is prepared to be responsible for construction verification systems, which will be part of the overall P3 Project's Quality Assurance Plan (QAP), in accordance with 23 CFR 637 and FHWA Publication No. FHWA-HRT-12-039. This is very similar to the work we have done on our other projects. We are prepared to assist the Department and the Project Manager by providing the following:

$\blacksquare$	Acceptance inspection by DOTD certified inspectors fully trained in traffic
	control and headlight software with iPad and laptops as needed.

$\blacksquare$	Verification Sampling and Testing as described above and the establishment	Operations and Maintenance	District 07 Utility Engineer	Gordon Nelson	Volkert
	of a testing lab by AME for testing of verification samples taken. We also				
	understand the development of the verification sampling guidelines and how	w to decrease the testing a	as the verification matches the [	Developer's' test sampl	es. We have no
	expectation of maintaining a one-for-one sampling unless issues arise.				

Specification Section	DOTD Section	Volkert Team Member	Firm
Signing, Pavement Marking and Signalization	Traffic Engineering	Jonathan Gambino	Volkert
Maintenance of Traffic	District 07 Traffic Engineer	Jonathan Gambino	Volkert
Bicycle and Pedestrian Facilities	Highway Safety Bike/ Pedestrian	Alben P. Cooper	Alliance
Intelligent Transportation System (ITS)	Operations ITS	Jonathan Gambino	Alliance
Tolling	Operations Tolling Director	LADOTD Consultant	
Operations and Maintenance	District 07 Utility Engineer	Gordon Nelson	Volkert

- Monitor/Audit the Developer's Construction Quality Assurance Plan (CQAP) activities related to construction and fabrication. Services shall include, but are not limited to:
  - Monitor the Developer's adherence to the CQAP requirements and verify compliance with the Developer's Construction Quality Management Plan (CQMP) and QC plans.
  - Monitor the receipt and documentation of all materials and fabricated products on the construction worksite.
  - ▼ Monitor the Developer's collection, submission, and test results of sampled materials in accordance with Appendix G of the CQAP.
  - Provide all personnel, equipment, and materials necessary to perform the required field-testing for quality assurance in accordance with Appendix G of the Project's CQAP. Unless directed to utilize the DOTD District laboratory, the Consultant shall contract with a qualified independent testing laboratory (per 23 CF 637.209) to perform these services.
  - Provide all personnel, equipment, and materials necessary to perform the required fabrication inspection in accordance with Appendix G of the Project's CQAP. Unless directed otherwise, the Consultant shall additionally perform fabrication inspection services retained to the DOTD in Appendix G of the Project's CQAP.
- As part of project closeout, Volkert will review and audit the Developer's "As-Built" plans and final estimate. We suggest that for a project this large, as -builts be completed by section. This will be determined by the Developer's plan for construction and the Project Manager's direction.

#### Construction Engineering and Inspection (CE&I)

Volkert's CE&I staff and methods have been in place meeting the DOTD requirements for almost twenty years. We understand how to build interstate road and bridge projects. Ms. Jessica Miles, our full-time Project Engineer, will be in Lake Charles when construction begins and will stay there until construction is complete. Ms Miles will have cell phone and computer and can be in Baton Rouge should the DOTD Project Manager need to see her in person. Volkert is totally integrated with Microsoft teams which will allow audio, document, and screen sharing at all times. Ms Miles was selected for this project because she has a full knowledge of DOTD construction means and methods and is known to the DOTD staff. She will perform any other duties as needed or directed by the DOTD and fitting of a project engineer.



The Volkert Team has certified inspection staff immediately available to assign to this project. Certifications will be always maintained. We have identified local inspection staff and have categorized them as Other (potential inspection) within this proposal. They have taken and passed the flagger course and will take the TCC/TCS courses prior to the start of constitution and them being placed in the field. We currently estimate that this is 1.5 to 2 years away. This will help build the local firms, educate the workforce and provide a long term benefit to those individuals.

Daily inspections will be made, and project diaries in HeadLight (or SiteManager if needed) will be maintained. Ms. Miles and the inspection staff will attend weekly meetings. Documentation shall be as per the CQAP.

Volkert and Fenstermaker both have licensed surveyors if needed for field checks.

Coordination with railroads and utilities will be critical. This is for the Developer's to perform but Volkert will provide support and documentation and ensure that it is performed.

## Department Liaisons/Parterning/Dispute Resolution

Volkert has selected staff such as Janet Evans, Gordon Nelson, Steve Heraty, and John Gagnard who will be available to the department for briefings, attending partnering as needed and help with dispute resolution. We know that dispute resolution has been one of the hot topics on the current P3 and the aid of our research and presentation of alternatives has been helpful to the DOTD's Chief Construction Engineer. We will continue to perform these tasks if selected for this project.

# **Project Close Out**

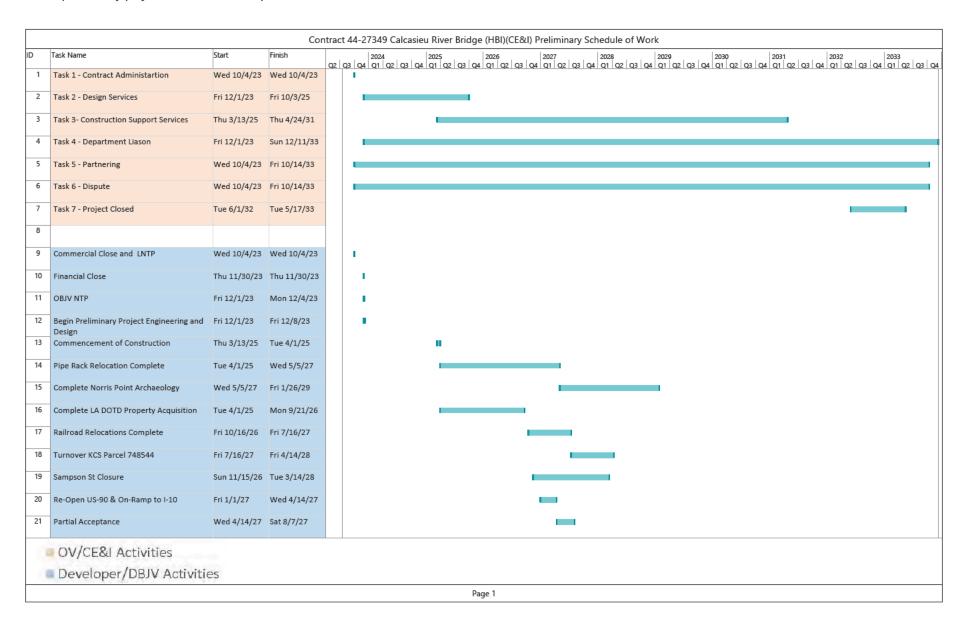
As mentioned above, we are hopeful that with the advances made in HeadLight and the possible automation of Form 2059, project close out will be efficient and expeditious. Volkert is prepared to provide all information required in the checklist of the final audit as well as as-built plans as submitted by the Developer, correspondence, field documentation, charge orders, and summary of test results





#### **Preliminary Project Schedule**

Below is a preliminary project schedule based upon the current information which is known.



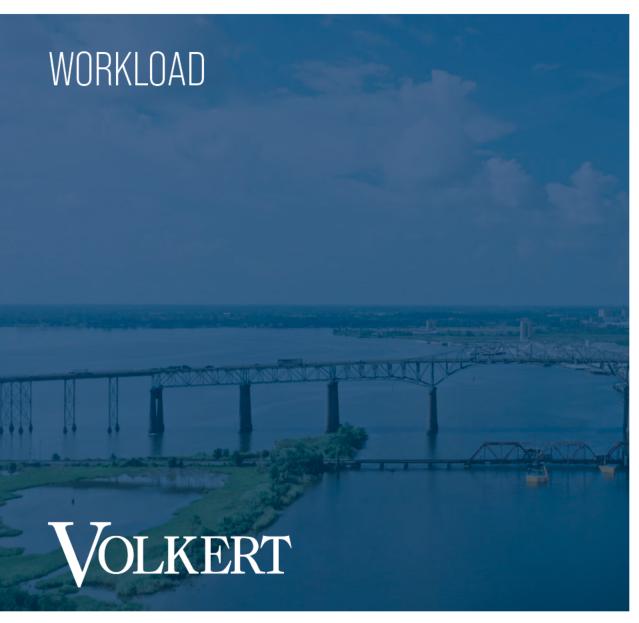


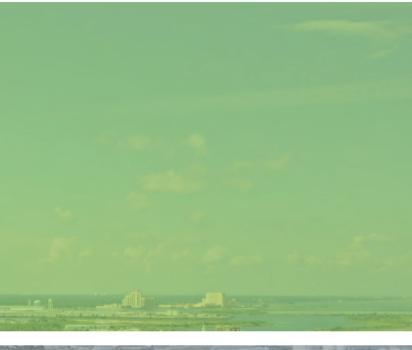
## **Evaluation Criteria**

Below is the evaluation criteria per the RFP and how we addressed each item:

Criteria Item	Location
1. firm experience on similar projects, weighting factor of three (3)	Section 17 - Firm Experience
2. staff experience on similar projects, weighting factor of four (4)	Section 16 - Resumes
3. firm size as related to the project magnitude, weighting factor of three (3)	Section 13 - Firm Size
4. past performance on similar DOTD projects, weighting factor of six (6)*	Section 12 - Past Performance Evaluation Section 17 - Firm Experience
5. current work load with DOTD, weighting factor of five (5)	Section 19 - Current Work Load
6. approach and methodology, weighting factor of nine (9) (NOTE: 8 PAGES ALLOWED).	Section 18 - Approach & Methodology

# SECTION 19







#### 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.

Firm(s) ALL FIRMS MUST BE REPRESENT- ED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Unpaid Balance**
Volkert, Inc.	Road	Contract No.44-5267 S.P. No. H.003074 & H.009087	Route I-10: Williams Blvd. to Veterans Blvd. & Loyola Drive to Williams Blvd. – Sub-consultant, Jefferson Parish, LA	\$1,736.00 (Project on Hold)
Volkert, Inc.	Road	Contract No. 44-5142 S.P. No. H.001309.5	MacArthur Blvd. Phase II Final Plans – Sub-Consultant, Jefferson Parish, LA	\$77,678.00 (Project on Hold)
Volkert, Inc.	Bridge	Contract No. 44-4726 S.P. No. H.004113	I-12 to Bush LA 3241 (LA 435 to LA 40 / LA 41), - Sub Consultant, St. Tammany Parish, LA	\$41,796.00
Volkert, Inc.	Bridge	Contract No.44-8113 S.P. No. H.011152.5	I-12 Widening (US 190 to LA 59) Route I-12 – Sub Consultant, St. Tammany Parish, LA	\$20,052.00
Volkert, Inc.	Bridge	Contract No. 44-25024 S. P. No. Various	IIJA Off-System Bridge Program District 04	\$2,000,000.00
Volkert, Inc.	Traffic	Contract No. 44-4787 S.P. No. H.009250	IMR I-10 Highland Road to LA 73, East Baton Rouge and Ascension Parishes, LA	\$1,229,722.00
Volkert, Inc.	Survey	Contract No. 44-17068	Louisiana Watershed Initiative (LWI) Modeling Contract Region 3, Sub Consultant, Task Order 3 and Task 4	\$139,109.00
Volkert, Inc.	Survey	Contract No. 44-17069	IDIQ Contract for Louisiana Watershed Initiative (LWI) Modeling Contract Region 2, Sub Consultant, Task Order 1, 2 and 3	\$213,815.00
Volkert, Inc.	Survey	Contract No. 44-17764 S.P. No. H.013284	IDIQ Contract for Engineering and Inspection Services of State Regulated Dams with Majority of Work in Districts 04,05.08 and 58, Statewide, Task Order 4 (Task Orders 5 & 6 are all subconsultant work)	\$177,891.00
Volkert, Inc.	Survey	Contact No. 44-19871	IDIQ Contract for Design of Safety Projects, Statewide with Majority of Work I Districts 04,05, and 58.Sub- Consultant	No Open Task Orders



Firm(s) ALL FIRMS MUST BE REPRESENT- ED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Unpaid Balance**
Volkert, Inc.	Other - Procurement	Contract No. 44-17328, S.P. No. H.015372	IDIQ Contract for Innovative Procurement Support Services, Statewide - Task 2 (Future I-49) US 167 Interchange @ Wilow Street Procurement Services	\$243,482.00 (Project on Hold)
Volkert, Inc.	CEGI/OV	Contract No. 44-16173 S.P. No. H.003370	I-220/I-20 Interchange Improvements & Barksdale AFB Access, Bossier Parish, LA	\$390,270.00
Volkert, Inc.	CE8I/OV	H.004791	LA 23: Belle Chasse Bridge and Tunnel Replacement (HBI) Plaquemines Parish, LA	\$5,631,848.00
Volkert, Inc.	CEGI/OV	Contract No. 44-16980 H.013897	College Drive Flyover Ramp. I-10/I-12 West & East Baton Rouge Parish, LA	\$602,748.00
Volkert, Inc.	CEGI/OV	Contract No. 44-21740 H.004100.6	Phase I W. of Washington Street to Essen Lane (CEGI) Phase I Segment 01. W. of Washington Street to Acadian Thruway, Route I-18. East & West Baton Rouge Parishes, LA	\$8,147,388.00
Volkert, Inc.	CE8I/OV	H.001234.6	LA 1 Port Allen Canal Bridge Replacement (Phase 1) (HBI), West Baton Rouge Parish, LA Sub Consultant	\$473,729.00
Volkert, Inc.	CE&I/OV	Contract No. 44- 17088 H.007811.6, H.000710.6,H.002273.6, and H.001352.6	Comite Diversion Canal CEGI and Utility Relocation, Routes US 61, LA 964, LA 19, and LA 67, East Baton Rouge Parish, LA - Sub Consultant	\$433,744.17
Volkert, Inc.	CE&I/OV	Contract No. 44-19950, H.003003.6-2	Retainer Contract 44-19950 IDIQ Contract for Construction Engineering and Inspection Services (CEGI) Statewide with Majority in District 03 Acadia, Lafayette, Evangeline, Iberia, St. Landry, St. Mart, St. Mary, and Vermilion Parishes	\$38,584.00
Volkert, Inc.	CE&I/OV	Contract No. 44-19950, H.002151.6	Retainer Contract 44-19950 IDIQ Contract for Construction Engineering and Inspection Services (CE&I) Statewide with Majority in District 03 Acadia, Lafayette, Evangeline, Iberia, St. Landry, St. Mart, St. Mary, and Vermilion Parishes – Task Order 2 – Bayou Parc Perdue and Creek Bridges, Lafayette Parish – Subconsultant to GEC	\$16,838.00
Volkert, Inc.	CE&I/OV	Contract No. 44-21680, H.008145.6	LA 1: Leeville to Golden Meadow, Phase 2 (CE&I) – Subconsultant to ECM	\$7,414,300.00
Volkert, Inc.	CE&I/OV	Contract No. 44-19950, H.002868.6	Retainer Contract 44-19950 IDIQ Contract for Construction Engineering and Inspection Services (CE&I) Statewide with Majority in District 03 Acadia, Lafayette, Evangeline, Iberia, St. Landry, St. Mart, St. Mary, and Vermilion Parishes – Task Order 4 – I-49 S Ambassador Caffery/US 90 Interchange, Lafayette Parish— Subconsultant to GEC	\$473,539.00
Volkert, Inc.	CEGI/OV	Contract No. 44-23897, H.011965.6	LA 47: IWGO Bridge Replacement (HBI) (CEGI), Orleans Parish -Subconsultant	\$340,000.00



Firm(s) ALL FIRMS MUST BE REPRESENT- ED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Unpaid Balance**
Volkert, Inc.	CEGI/OV	H.013265.6	Retainer Contract 44-19950 IDIQ Contract for Construction Engineering and Inspection Services (CEGI) Statewide with Majority in District 03 Acadia, Lafayette, Evangeline, Iberia, St. Landry, St. Mart, St. Mary, and Vermilion Parishes – Task Order 5 – US 90 LA 14 - LA 83, Iberia Parish – Subcosultant to GEC	\$192,648.00
Adaptive Management and Engineering, LLC	Geotech	4400024657 H.012040.5	LA 394 & LA 110 Creek Bridges	\$3,500
Adaptive Management and Engineering, LLC	Geotech	4400024657 H012040.6	LA 1 Port Allen Canal	\$8,000
Adaptive Management and Engineering, LLC	Geotech	4400024657 H.014267.5	Savanne Road over Hanson Canal	\$6,000
Alliance Transportation Group, LLC	Road	H.013897	LADOTD College Drive OVS	\$79,776
Alliance Transportation Group, LLC	Planning	DOA PO No. 2000603721	LADOTD TASSO 2022-2025	\$526,586
Alliance Transportation Group, LLC	Planning	3669249	STAT2022	\$356,505
Ardaman & Associates, Inc.	Geotech	H.009266	I-10 (LA 73 to LA 30) Route I-10 Ascension Parish	\$81,447
Ardaman & Associates, Inc.	Geotech	H.011309.5	MacArthur Interchange Completion Phase II Route US 90-Z Jefferson Parish	\$73,327
Ardaman & Associates, Inc.	Geotech	H.015337, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463	Rural Bridge Replacement – District 05	\$408,005
Ardaman & Associates, Inc.	Geotech	H.004273	I-49 Connector, Lafayette	\$434,069



Firm(s) ALL FIRMS MUST BE REPRESENT- ED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Unpaid Balance**
Ardaman & Associates, Inc.	Geotech	H.004647.6	Mississippi River Bridge at Vicksburg, MS	\$839,975
Ardaman & Associates, Inc.	Geotech	H.004791	LA 23: Belle Chasse Bridge and Tunnel (HBI)	\$226,092
Ardaman & Associates, Inc.	Geotech	H.013897	I-10 / I-12 College Drive Flyover	\$289,097
Ardaman & Associates, Inc.	Geotech	H.004113	I-12 to Bush LA 3241 (LA 435 – LA40/LA41) Construction Phase	\$23,323
Ardaman & Associates, Inc.	Geotech	H014217, 218, 225, 228, 233, 236	Rural Bridges Replacement Phase II – Districts 04 & 05	\$1,395
Ardaman & Associates, Inc.	Geotech	H.04435.5	I-12 to Bush LA 3241 (LA 36-LA 435) Construction Phase	\$47,956
Ardaman & Associates, Inc.	Geotech	H.004100.5-2	I-10: LA 415 to Essen Lane on I-10 & I-12	\$208,989
Ardaman & Associates, Inc.	Geotech	H.002244.5	Boudreaux Canal Bridge (LA 56)	\$164,537
Ardaman & Associates, Inc.	Geotech	H.004100	I-10: CMAR 30% Segment 1 Design	\$95,481
Ardaman & Associates, Inc.	Geotech	H.014258.5	LA 1: Port Allen Canal Bridge Phase II	\$104,825
Ardaman & Associates, Inc.	Geotech	H00.1166.6	Caddo Lake Bridge (PDA)	\$25,997
Ardaman & Associates, Inc.	Geotech	H.012030	KCS Railroad Overpass HBI (US 371)	\$90,997
C. H. Fenstermaker & Associates, L.L.C.	Road	Contract No. 4400020291 State Project No. H.012869	LA 182 / Renaud Roundabout	\$246,852
C. H. Fenstermaker & Associates, L.L.C.	Bridge	Contract No. 4400025023 State Project No. H.015513	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Eleanor Road Over Coulee	\$200,000



Firm(s) ALL FIRMS MUST BE REPRESENT- ED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Unpaid Balance**
C. H. Fenstermaker & Associates, L.L.C.	Bridge	Contract No. 4400025023 State Project No. H.015516	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Beiber Road Over Nezpique Bayou	\$200,000
C. H. Fenstermaker & Associates, L.L.C.	Bridge	Contract No. 4400025023 State Project No. H.015512	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Mullins Road Over Tate Bayou	\$200,000
C. H. Fenstermaker & Associates, L.L.C.	Bridge	Contract No. 4400025023 State Project No. H.015511	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 E. Martial Ave Over Coulee	\$200,000
C. H. Fenstermaker & Associates, L.L.C.	Bridge	Contract No. 4400025023 State Project No. H.015515	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District O3 Andover Road Over Indian Bayou Lateral	\$200,000
C. H. Fenstermaker & Associates, L.L.C.	Bridge	Contract No. 4400025023 State Project No. H.015514	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Sarah Dee PKWY. Over Coulee	\$200,000
C. H. Fenstermaker & Associates, L.L.C.	Bridge	Contract No. 4400025023 State Project No. H.015505	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District O3 Solid Wastewater Road Over Bayou Boeuf	\$200,000
C. H. Fenstermaker & Associates, L.L.C.	Bridge	Contract No. 4400025023 State Project No. H.015510	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District O3 Phillip Street Over Drainage Bayou	\$200,000
C. H. Fenstermaker & Associates, L.L.C.	Bridge	Contract No. 4400025023 State Project No. H.015509	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Huval Street Over True Canal	\$200,000
C. H. Fenstermaker & Associates, L.L.C.	Bridge	Contract No. 4400025023 State Project No. H.015508	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District O3 Adam Guidry Road Over Coulee	\$200,000
C. H. Fenstermaker & Associates, L.L.C.	Bridge	Contract No. 4400025023 State Project No. H.015507	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Minos Road Over Coulee	\$200,000
C. H. Fenstermaker & Associates, L.L.C.	Bridge	Contract No. 4400025023 State Project No. H.015506	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District O3 Aristide Road Over Coulee	\$200,000
C. H. Fenstermaker & Associates, L.L.C.	Bridge	Contract No. 4400025023 State Project No. H.015517	Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program District 03 Guegnon Street Over Youngs South Coulee	\$200,000
Manchac Consulting Group, Inc.	N/A	N/A	N/A	N/A
Pan American Engineers, LLC	CEGI	Contract No. 4400014884	IDIQ Contract for Construction Engineering and Inspection Services (CEGI) for a 5 year period, beginning May 31, 2019. Maximum compensation is \$5,000,000.	No work has been requested by DOTD or done by PAE



Firm(s) ALL FIRMS MUST BE REPRESENT- ED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Unpaid Balance**
Providence Engineering and Environmental Group LLC	CEGI/OV Road	Contract No. 4400015488; SPN H.006499.6	Westdale and Bernard Terrace Sidewalk; Safe Route to Schools (SRTS) East Baton Rouge Parish, LA: IDIQ Contract for CE&I Services	\$127,531
Providence Engineering and Environmental Group LLC	CEGI/OV Road	Contract No. 4400015488; SPN H.006538.6	Lafayette Consolidated Government (LCG) Sidewalks, (SRTS) Lafayette Parish, LA: IDIQ Contract for CEGI Services	\$221,834
Providence Engineering and Environmental Group LLC	CEGI/OV Road	Contract No. 4400015488; SPN H.010108.6	Independence SRTS-Phase II, Tangipahoa Parish: IDIQ Contract for CEGI Services	\$98,263
Providence Engineering and Environmental Group LLC	CEGI/OV Road	Contract No. 4400015488; SPN H.014579.6	FYA Signal Improvement (LCG) Lafayette Parish: IDIQ Contract for CEGI Services	\$141,354
Providence Engineering and Environmental Group LLC	CEGI/OV Road	Contract No. 4400015191; SPN H.004634	IDIQ Contract for Construction Engineering TASK 1 Management and Staff Augmentation Services for District 62 St. Helena, Livingston, St. John, St. Tammany, Tangipahoa and Washington Parishes	\$934,379
Providence Engineering and Environmental Group LLC	Environmental	Contract No. N/A; H. 004791	Belle Chasse Bridge and Tunnel Replacement Public-Private Partnership Project	\$839,842
Providence Engineering and Environmental Group LLC	CEGI/OV Road	Contract No. 4400007446; SPN H.011670	Loyola Drive/Interstate 10 (I-10) Interchange to New Airport Terminal (LANOIA) Design-Build Project (Subconsultant)	\$1,194,478
Providence Engineering and Environmental Group LLC	Environmental Planning Traffic	Contract No. 4400007803 Supplemental Agreement No 1, H.005121.5	LA 1/LA 415 Connector Route LA 1/LA 415 West Baton Rouge Parish	\$88,304



Firm(s) ALL FIRMS MUST BE REPRESENT- ED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Unpaid Balance**
Providence Engineering and Environmental Group LLC	Survey Road	Contract No. 4400023718; H.013340	Valhi Blvd. Multi-Use Trail, Phase 1	\$29,201
Providence Engineering and Environmental Group LLC	CE&I/OV Road	Contract No. 4400015488, SPN H. 012235/Task Order No. H. 012235.6	White Castle Sidewalks Safe Routes to School Project : IDIQ Contract for CEGI Services	\$8,691
Providence Engineering and Environmental Group LLC	Environmental / Planning	Contract No. 4400017438; H.013284	MRB South GBR: LA 1 to LA 30 Connector Project	\$16,257
Carbo Landscape Architecture	N/A	N/A	N/A	N/A

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



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

# SECTION 20







#### 20. Certifications/Licenses:

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

See attached.

# **David Webber, PE**



LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD

(LAPELS)

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

www.lapels.com

Mr. David Michael Webber

License/Certificate Type - Number

Expiration Date

PE.0028016

09/30/2023

## Janet Evans, PE, MBA



#### LOUISIANA ASSOCIATED GENERAL CONTRACTORS, INC.

666 North Street - Baton Rouge, LA 70802 Phone: 225/344-0432 \* Fax: 225/344-0458 www.lagc.org

June 17, 2023

To Whom It May Concern.

This is to verify that the below listed employees of Volkert Inc. have successfully completed LADOTD required ATSSA Traffic Control Training.

ATSSA Traffic Control Technician Training – July 11, 2023- Janet Evans and Jessica Miles

ATSSA Traffic Control Supervisor Training – July 12-13, 2023 – Janet Evans and Jessica Miles

This letter will serve as temporary proof of training until above listed employees receives their official certificate from American Traffic Safety Services Association (ATSSA).

If there are any questions regarding this issue, please contact Mr. Brett Morgan of LADOTD at Headquarters in Baton Rouge, LA (225-379-1584) or Judy Brousseau at the above captioned address.

Best Regards,

Kun Elyno

Ken Naquin - LAGC Chief Executive Officer



LOUISIANA PROFESSIONAL

ENGINEERING & LAND SURVEYING BOARD

(LAPELS

9643 Brookline Avenue, Suite 121

Baton Rouge, LA 70809 Phone (225) 925-6291

www.lapels.com

Ms. Janet Leigh Evans

License/Certificate Type - Number

**Expiration Date** 

PE.0021307

09/30/2024





#### **Jessica Miles**



#### LOUISIANA ASSOCIATED GENERAL CONTRACTORS, INC

586 North Street - Baton Rouga, LA 70802 Phone: 225/344-0432 \* Fas: 225/344-0458

July 17, 2023

To Whem It May Concern,

This is to verify that the below listed employees of Volkert Inc. have successfully completed LADOTD required ATSSA Traffic Control Training.

ATSSA Traffic Control Technician Training - July 11, 2023- Janet Evans and Justica Miles

ATSSA Traffic Control Supervisor Training – July 12-13, 2023 – Janet Evans and Jessica Miles

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If there are any questions regarding this issue, please contact Mr. Brett Morgan of LADOTD at Headquarters in Baton Rouge, LA (225-379-1584) or Judy Brousseau at the above captioned address.

Best Regards,

Kenney Elyno

Ken Naquin - LAGC Chief Executive Officer





#### LOUISIANA PROFESSIONAL

ENGINEERING & LAND SURVEYING BOARD

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

www.lapels.com

Ms. Jessica Clement Miles

License/Certificate Type - Number

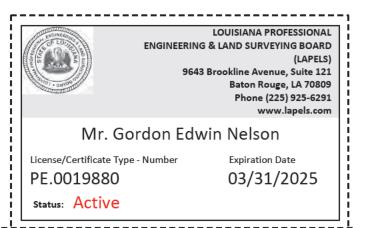
Expiration Date

PE.0028743

03/31/2024

## **Gordon Nelson, PE**







# **Neil Kantner, PE**



LOUISIANA PROFESSIONAL

ENGINEERING & LAND SURVEYING BOARD

(LAPELS

9643 Brookline Avenue, Suite 121

Baton Rouge, LA 70809 Phone (225) 925-6291

www.lapels.com

Mr. Neil A. Kantner

License/Certificate Type - Number

**Expiration Date** 

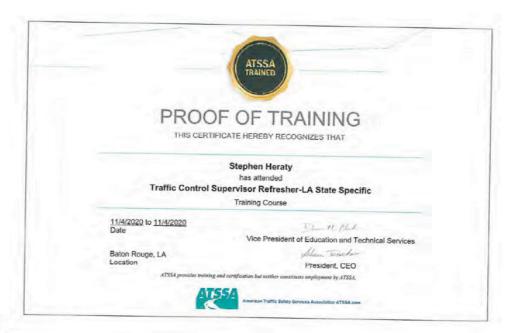
PE.0020428

03/31/2024





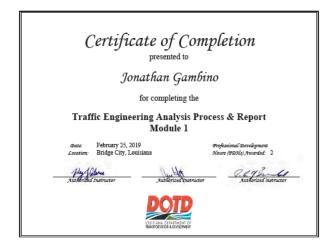
# **Stephen Heraty, PE**







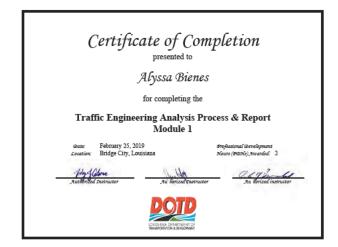
# Jonathan Gambino, PE, PTOE, RSP1







# Alyssa Bienes, PE

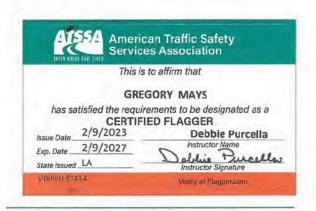




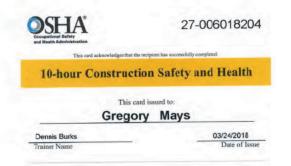




## **Gregory Mays**





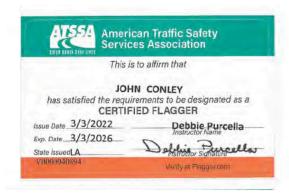








# **John Conley**









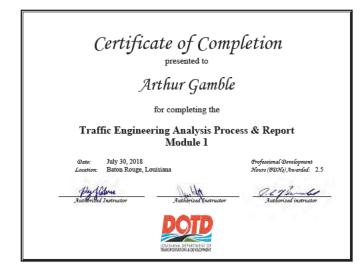
#### **Parker Scheuermann**















## Certificate of Completion

presented to

Alben Cooper

for completing the

Traffic Engineering Analysis Process & Report Module 1

©ate February 25, 2019

Location Bridge City, Louisiana

Professional Development Hours (PDHs) Awarded 2

John Colone

Authorized Instructor

Oly Bruke



## Certificate of Completion

presented t

Alben Cooper

for completing the

Traffic Engineering Analysis Process & Report Module 2

Øate February 25, 2019
 Location Bridge City, Louisiana

Professional Development Hours (PDHs) Awarded 3

Authorized Instructor



Que y Breaks



## Certificate of Completion

presented to

Alben Cooper

for completing the

Traffic Engineering Analysis Process & Report Module 3

©ate February 26, 2019

Lo ation Bridge City, Louisiana

Professional Development Hours (PDHs) Awarded 3

Authorized Instructor

Authorized Instructor

QLY Bruke



#### **Fenstermaker**



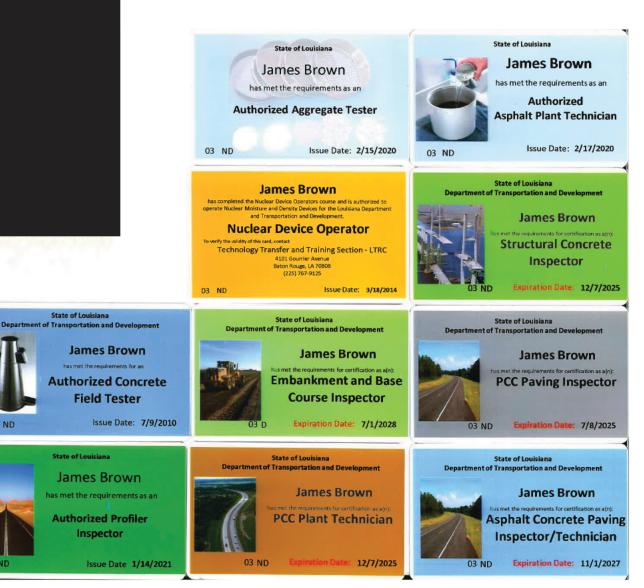




Development.
Date 07/01/02

#### **Fenstermaker**







State of Louisiana

State of Louisiana

James Brown

**Authorized Profiler** 

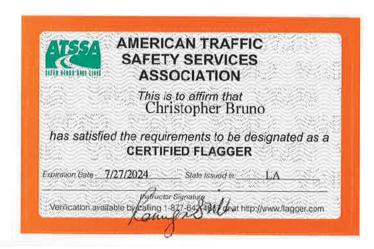
Inspector

**James Brown** 

**Field Tester** 

has met the requirements for an

## **Fenstermaker**









## **Pan American**













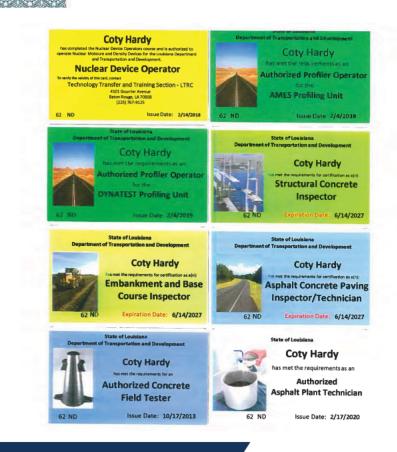
#### **Pan American**









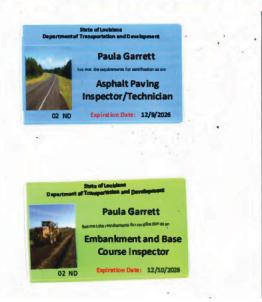
















#### ROAD WORK RESOLUTIONS LLC Brett Morgan

52362 S. Evans Rd. Independence, La. 70443 (985) 969-5220

December 5, 2020

To whom it may concern,

This letter is to verify that the below listed students has successfully completed the specified La. DOTD required ATSSA courses in Hammond, La. On 11/28-30/2020

11/28/2020	Stephen Gerhardt Joseph Boquet Joshua Angelloz Collin Clark	Providence Engineering Providence Engineering Providence Engineering Providence Engineering	La. TCT La. TCT La. TCT La. TCT	11/28/2024 11/28/2024 11/28/2024 11/28/2024
11/30/2020	Joshua Angelloz	Providence Engineering	La. TCS	11/30/2024

This letter will serve as temporary proof of completion until the employees' official certificate arrives to them by mail from ATSSA. The official certificate will expire in 4 years.

If there are any questions regarding this matter, please feel free to call me or Mr. Barry Lacy of the La. DOTD. His contact information at the La. DOTD headquarters is (225) 379-1584.

Best regards,

f - Jaj

Brett Morgan ATTSA Certified Instructor









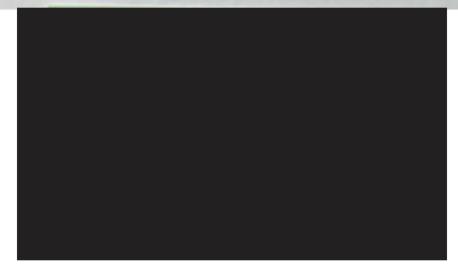














#### **Manchac**







### Manchac







# **Adaptive Management and Engineering**







#### **LOUISIANA UNIFIED CERTIFICATION PROGRAM**

**Disadvantaged Business Enterprise Program (DBE)** 

**Small Business Element (SBE)** 

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

#### **Adaptive Management & Engineering, LLC**

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

NC541330, NC541380

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

#### Certificate Eligibility: February 2023 to February 2024

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



Rhonda Wallace, DBE/SBE Programs Manager

Louisiana Department of Transportation & Development



# **Adaptive Management and Engineering**



# **Adaptive Management and Engineering**



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Scanned with CamScanne



# **Volkert, Inc. Firm Licenses**

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

Name: Public Address:

P. O. Box 7434

Volkert, Inc.

License

Mobile, Alabama 36670

License/Certificate Information w/ Supervision

First

Status Issuance

Expiration Supervisor(s)

Date

EF.0002500 Active 03/28/2000 09/30/2024 Mr. Stephen Pence Heraty # PE.0031272 - Active ; Ms. Janet Leigh Evans # PE.0021307 - Active

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

Name: Public Address:

P.O. Box 7434

Volkert, Inc.

Mobile, Alabama 36670

License/Certificate Information w/ Supervision

License Status First Issuance Date Expiration Date Supervisor(s)

VF.0000869 Active 12/13/2021 03/31/2024 Mr. Randy Alan Denmon # PLS.0004798 - Active



# SECTION 21







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

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

Not Required for this Submittal.

# SECTION 22







#### 22. Sub-consultant information:

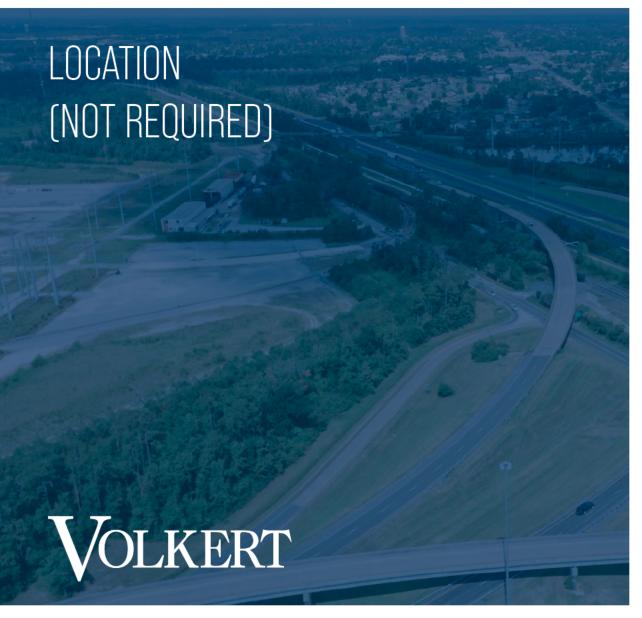
If one or more sub-consultants will be used, provide the name, address, point of contact and phone number for each. Otherwise, leave this section blank.

Firm Name (Name must match as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
Adaptive Management and Engineering, LLC	11429 Pennywood Ave Baton Rouge, LA 70809	Venu Tammineni, P.E. Venu@amesouth.com	225-424-7869
Alliance Transportation Group, LLC	**2206 Barbe Street Lake Charles, LA 70601 Local Address: PO Box 1297 Lake Charles, LA 70602	JD Allen, AICP, WSO-CSSD, TSSP-Rail/Bus Executive Vice President jdallen@emailatg.com	337-802-6655
Ardaman & Associates, Inc.	3867 Plaza Tower Dr. Baton Rouge, La 70816	Robert Rousset, PE, Officer 1305, Distributors Row, Suite I Jefferson, LA 70123	504-835-2593
C. H. Fenstermaker & Associates, L.L.C.	135 Regency Square Lafayette, LA, 70508 Local Address: 4045 Ernest Street Lake Charles, Louisiana 70605	Butch Babineaux, P.E. butch@fenstermaker.com	337-237-2200 x 1807
Manchac Consulting Group, Inc.	10542 S. Glenstone Place Baton Rouge, LA 70810 Local Address; 730 W. Sallier Street Lake Charles, LA 70601	Kenny Ferachi, P.E. kenny@manchacgroup.com	225-448-3972
Pan American Engineers, LLC	1717 Jackson Street (P.O. Box 8599) Alexandria, LA. 71303	Thomas C. David, Jr. TCD@paealex.com	318-473-2100
Providence Engineering and Environmental Group LLC	814 W. McNeese St., Ste. 216 Lake Charles, LA 70605	Gary Leonards, PE Engineering Services Director garyleonards@providenceeng.com	337-439-0995
Carbo Landscape Architecture, LLC	6633 Government Street Baton Rouge, LA 70806	Zachary Broussard, PLA, ASLA Partner zbroussard@carbo-la.com	225-302-7452

 $<sup>\</sup>hbox{\tt **} \ {\tt Business} \ {\tt has} \ {\tt moved}, \ {\tt address} \ {\tt listed} \ {\tt matches} \ {\tt the} \ {\tt Louisiana} \ {\tt Secretary} \ {\tt of} \ {\tt State}$ 



# SECTION 23







#### 23. Location:

If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the advertisement.

Not Required for this Submittal.