

REQUEST FOR ENGINEERING AND RELATED SERVICES IDIQ CONTRACT FOR ENGINEERING AND INSPECTION SERVICES OF STATE REGULATED DAMS, STATEWIDE WITH MAJORITY OF WORK IN DISTRICTS 04, 05, 08, AND 58

ENTITY CONTRACT NO. 4400031195



VOLKERT



Bookmarks added to pdf for ease of review.





March 12, 2025

Department of Transportation & Development
Attn: DOTD Contract Manager (CM) – Tim Harper
1201 Capitol Access Road, Room 405-BB
Baton Rouge, LA 70802

**RE: **Advertisement for Engineering & Related Services - CONTRACT NO. 4400031195, IDIQ CONTRACT FOR
ENGINEERING AND INSPECTION SERVICES OF STATE REGULATED DAMS STATEWIDE WITH MAJORITY OF WORK IN
DISTRICTS 04, 05, 08, AND 58****

Dear Mr. Harper,

Ensuring the safety and integrity of Louisiana's regulated dams is a responsibility that requires expertise, precision, and a proactive approach. Volkert, Inc. is ready to meet this challenge as your trusted partner, bringing nearly a century of engineering excellence to support DOTD in safeguarding critical dam infrastructure across the state.

Our team brings extensive experience in dam inspections, structural and hydrologic evaluations, geotechnical analysis, and regulatory compliance. We are well-versed in DOTD's standards and requirements and are committed to delivering efficient, high-quality engineering and inspection services in Districts 04, 05, 08, and 58.

To further strengthen our capabilities, we have partnered with Beast Engineering, ensuring a multidisciplinary approach to inspection and engineering solutions. Together, we provide the technical expertise, responsiveness, and problem-solving mindset necessary to help DOTD proactively manage and maintain these critical assets.

As a local firm with established offices in Louisiana, Volkert has always operated with efficiency and cost-consciousness in mind. We have never charged DOTD for mileage or lodging because our team is already embedded in the communities we serve. This allows us to provide swift mobilization, cost-effective solutions, and a deep understanding of the region's infrastructure needs.

We recognize the urgency of compliance, risk mitigation, and timely response to inspection needs, and Volkert stands ready to support DOTD with accurate assessments and reliable engineering recommendations. Our team is committed to ensuring the longevity, resilience, and safety of Louisiana's regulated dams.

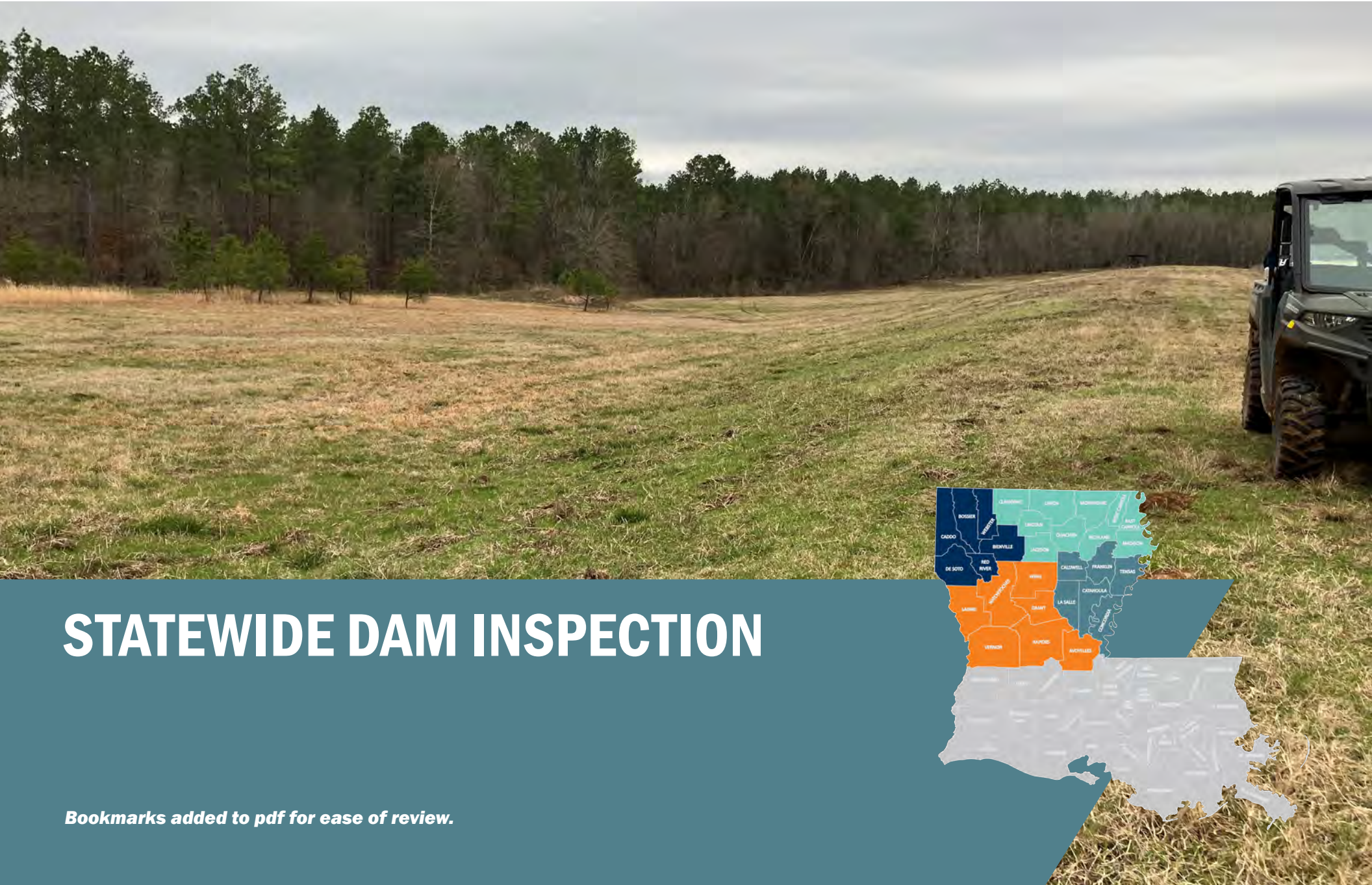
Thank you for the opportunity to submit our qualifications for this contract. We welcome the opportunity to collaborate with DOTD and contribute to the protection of Louisiana's infrastructure. Please feel free to contact me directly should you have any questions or require additional information.

Respectfully submitted,
Volkert, Inc.

A handwritten signature in blue ink, appearing to read 'Janet L. Evans', written over a light blue circular stamp that partially overlaps the signature.

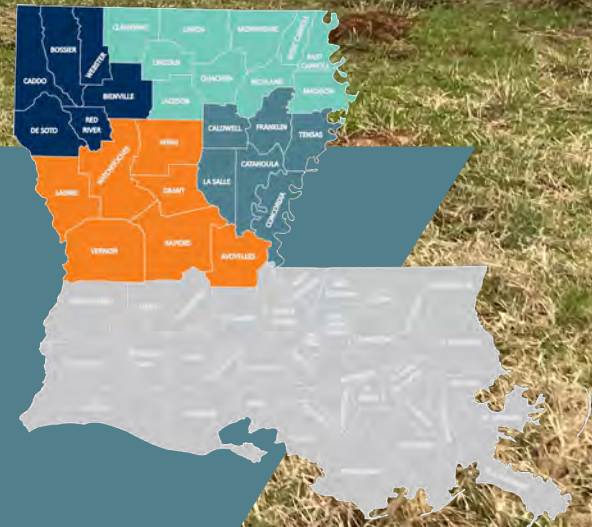
Janet L. Evans, PE, MBA
Vice President

DOTD FORM 24-102 | SECTIONS 1 - 11



STATEWIDE DAM INSPECTION

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DOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

(Revised December 12, 2024)

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.

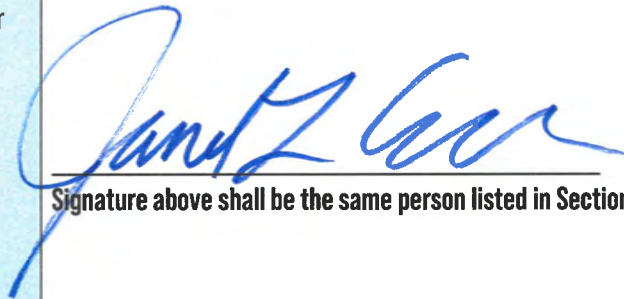
ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE DOTD FORM 24-102, MAY BE CONSIDERED NON-RESPONSIVE.

1. Contract title as shown in the advertisement	IDIQ CONTRACT FOR ENGINEERING AND INSPECTION SERVICES OF STATE REGULATED DAMS STATEWIDE WITH MAJORITY OF WORK IN DISTRICTS 04, 05, 08, AND 58
2. Contract number(s) as shown in the advertisement	4400031195
3. State Project Number(s), if shown in the advertisement	n/a
4. Prime consultant name (name must match exactly as registered with the Louisiana Secretary of State (SOS) where such registration is required by law; including punctuation; include screenshot from SOS at the end of Section 20)	Volkert, Inc. 
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	Louisiana License: EF.0002500 Louisiana License: VF.0000869
6. Prime consultant mailing address	9448 Brookline Ave Baton Rouge, LA 70809
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	
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

**Harnessing Local Expertise with the
Strength of National Resources to Deliver
Exceptional Infrastructure Solutions.**

10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.

Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.



Signature above shall be the same person listed in Section 9:

Date: March 12, 2025

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

Firm(s): n/a

Firm(s)' %: n/a

SECTION 12 | PAST PERFORMANCE EVALUATION DISCIPLINE TABLE



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12. Past Performance Evaluation Discipline Table:

Past Performance Evaluation Discipline(s)	% of Overall Contract	Volkert	Beast Engineering	Each Discipline Must Total to 100%
Survey	5%	100%	0%	100%
Other (Dam Inspection)	90%	94%	6%	100%
Other (Engineering services related to Dam Safety)	5%	100%	0%	100%

Identify the percentage of work for the <u>overall contract</u> to be performed by the prime consultant and each sub-consultant.				
Percent of Contract	100%	95%	5%	100%

SECTION 13 | FIRM SIZE





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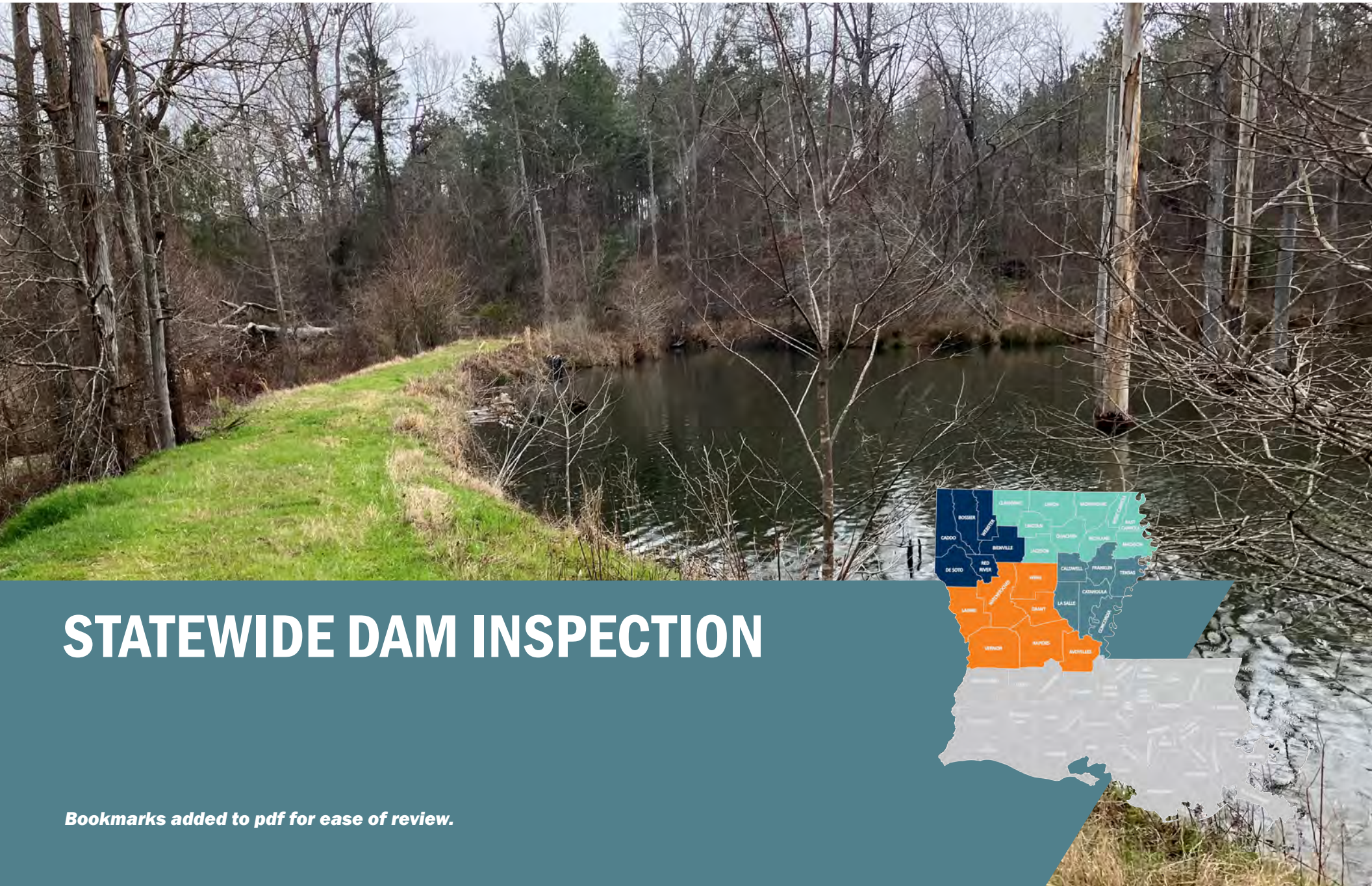


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13. For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized 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)
	Supervisor - Eng	1	39
	Engineer	1	175
	Engineer Intern	1	78
	Party Chief	1	19
	Surveyor	1	50
	Technician	1	35
	Engineer	1	1
	Senior Technician	1	7
	Inspector - Certified	1	4
	Technician	1	1

SECTION 14 | ORGANIZATIONAL CHART



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FIRM LEGEND

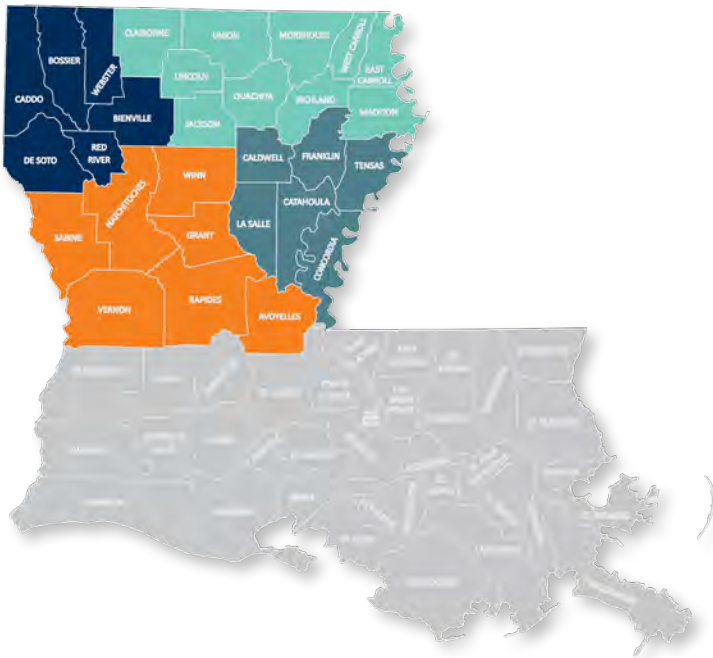
- Volkert, Inc.
- Beast Engineering

 Traffic Engineering Process and Report Training


 Work Zone Training

 Experience with the Dam Inspections

Minimum Personnel Requirement Nos. (#)





**Project Principal/
Supervisor Engineer**





■ Janet Evans, PE, MBA (1,2) 



Project Manager

■ Randy Denmon, PE, PLS (3)  

Engineering

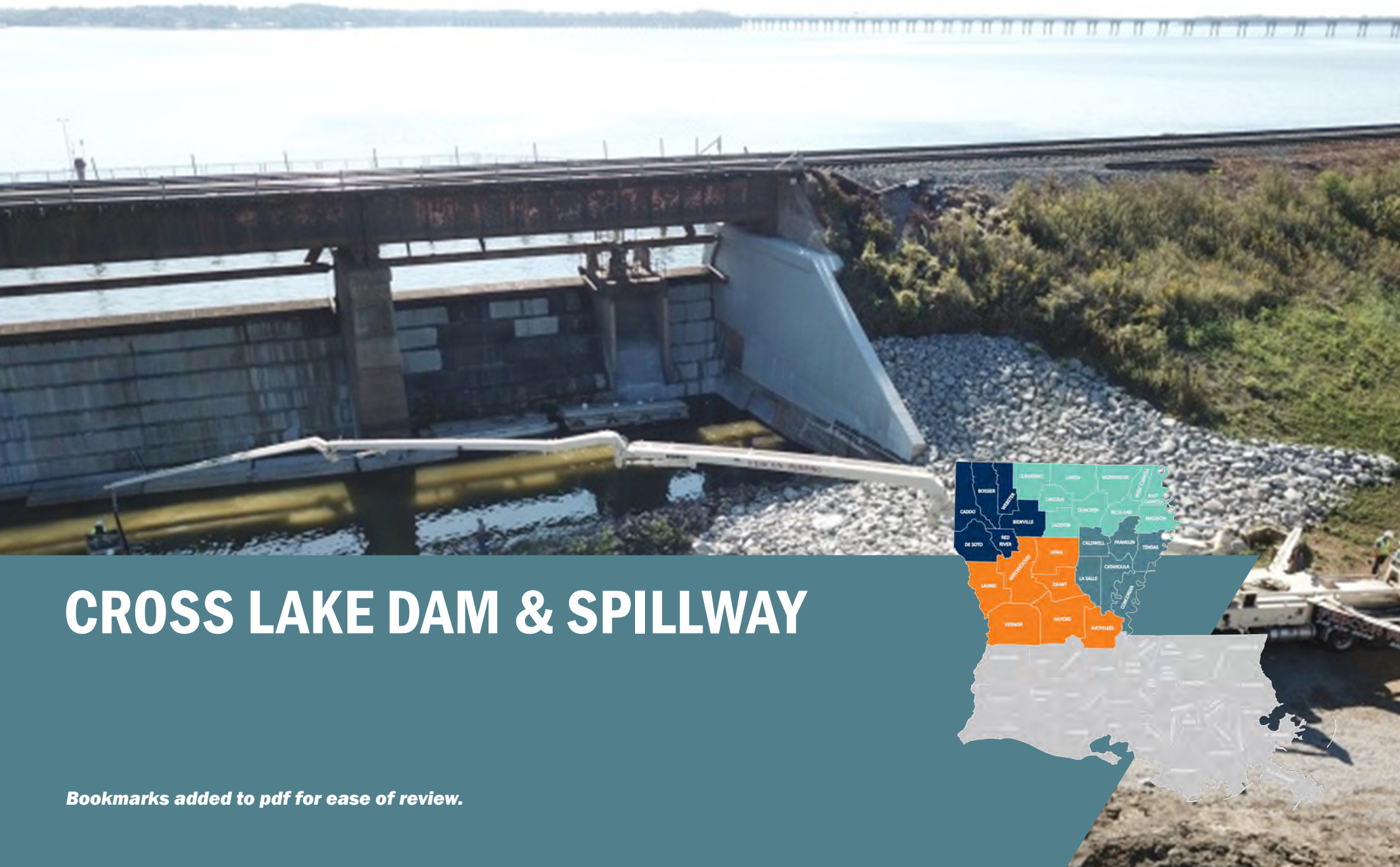
- Clinton Patrick, PE, PLS (5)  
- Danny Martin, PE (4)  

Field Inspection/Surveying

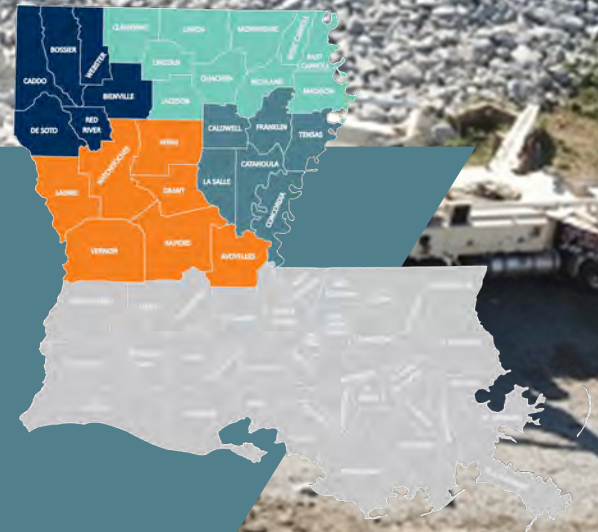
- Steven Lengefeld (4)  
- Chad Fisher (4)  
- Bryan Ardoin 
- Joeli Arnold 
- Danny Ware 
- Lloyd Lyles 

1. At least one (1) principal of the prime consultant shall be a registered professional engineer in the state of Louisiana.
2. At least one (1) principal or other responsible member of the prime consultant shall be currently registered in the state of Louisiana as a professional engineer in civil engineering.
3. At least one (1) principal or responsible member of the prime consultant shall be a professional civil engineer, registered in the state of Louisiana, and shall have a minimum of five (5) years of experience in responsible charge of in the inspection of dams including, but not limited to, concrete structures, embankment structures, spillway structures, outlet works, and/or drawdown facilities.
4. At least two (2) individuals experienced in the inspection of dams and/or levee systems, and familiar with state of Louisiana rules and regulations governing dam safety.
5. At least one (1) professional land surveyor, registered in the state of Louisiana, shall have a minimum of the five (5) years of experience.

SECTION 15 | MINIMUM PERSONNEL REQUIREMENTS



CROSS LAKE DAM & SPILLWAY



Bookmarks added to pdf for ease of review.

15. Minimum Personnel Requirements:

MPR No.	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	Janet L. Evans, PE, MBA	Volkert, Inc.	PE # - Civil 21307	LA	09/30/2026
2	Janet L. Evans, PE, MBA	Volkert, Inc.	PE # - Civil 21307	LA	09/30/2026
3	Randy Denmon, PE, PLS	Volkert, Inc.	PE # - 29390 PLS # - 4798	LA	03/31/2027 03/31/2027
4	Danny Martin, PE Steven Lengefeld Chad Fisher	Beast Engineering Volkert, Inc. Volkert, Inc.	PE # - 19520 n/a n/a	LA n/a n/a	09/30/2025 n/a n/a
5	Clinton Patrick, PE, PLS	Volkert, Inc.	PE # - 40919 PLS # - 5311	LA	03/31/2025 09/30/2025

SECTION 16 | STAFF EXPERIENCE

Resumes included in the following order:


Jan Evans, PE, MBA
Randy Denmon, PE, PLS
Clinton Patrick, PE, PLS
Chad Fisher
Steven Lengefeld
Bryan Ardoin
Danny Martin, PE
Joeli Arnold
Lloyd Lyles
Danny Ware

STATEWIDE DAM INSPECTION


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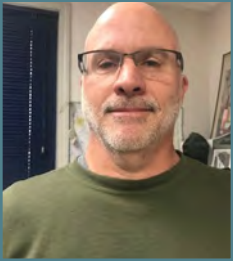
16. Staff Experience:


Firm employed by: Volkert, Inc.				
	Janet L. Evans, PE, MBA <i>Supervisor Engineer/Principal-in-Charge</i>		Years of relevant experience with this employer	16
			Years of relevant experience with other employer(s)	26
	Degree(s) / Years / Specialization	MBA 1986 Business Administration BS 1980 Civil Engineering	Year registered	1984
	Active registration number / state / expiration date	21307 LA 9/30/2026	Discipline	Civil
<p>Contract role(s) / brief description of responsibilities: Ms. Evans will be serving as Principal. Ms. Evans fulfills Minimum Personnel Requirements #1, 2.</p>				
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].			
<p>Ms. Evans joined Volkert in 2008 and has over 40 years of roadway and bridge project management and design experience in design and construction of transportation projects. This includes urban freeway design, stage 0 studies, capacity improvements, (lane additions), environmental justice and interchange modifications as well as both traditional design and an alternative design build considered confined work zones, traffic queuing and limited lane closures and development of construction sequencing for the high average daily traffic volume interstates. Her combination of construction and design experience has been utilized by the department in various alternative delivery projects including the development of draft CMAR guidelines and the development of a design build construction manual. Ms. Evans experience from both the construction side and the design side allow her to provide insight which aids in the resolution of issues in alternative delivery projects. She has 10 years of experience serving as a Project Manager on DOTD alternative delivery projects.</p>				
05/23 - 05/28 (est.)	<p>Jimmie Davis Bridge (LA511) (HBI) (Owner Verification Services). Volkert is 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, Volkert is providing guidance and support to the DOTD Project Manager prior to and during reviews, develop review comments, attend project meetings, ensure that the DB contractor adheres to their contract, and address other assignments as directed. Volkert is verifying that all the DB Contractor submittals (i.e., Safety Plan; FAA permits; US Coast Guard Permits; USACE permits; Quality Manual; etc.) conform with the DB Contractor 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. During Construction, Volkert staff provides QA inspection oversight in the field and review all material certifications and work to verify DB Contract Documents are met.</p>			
06/20 - 08/24 (est.)	<p>LA 23: Belle Chasse Bridge and Tunnel (HBI) Improvements. Principal-in-Charge. Ms. Evans is serving as Project Principal for the Belle Chasse Bridge and Tunnel Improvements. 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 DOTD 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.</p>			


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 (DOTD). 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 (DOTD). 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.
04/18 - 04/19	I-220 to Barksdale AFB Connector Design-Build Procurement, Bossier Parish, LA (DOTD). Ms. Evans served as Principal-in-Charge for Volkert’s team as they completed preliminary construction cost estimates and reviewed preliminary engineering layouts from DOTD to help assess impacts, constructability design issues. She also helped produce the Performance Specifications, worked with DOTD 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.
09/14 - 09/21	Retainer Contract for Design Build/Alternative Delivery Projects, DOTD. Volkert was selected for a five-year retainer contract to perform engineering and administration services for project initiation, procurement, design and construction contract administration, project oversight and acceptance for both design and construction projects. The project consisted of project initiation, procurement, design and construction contract administration, project oversight and acceptance support for both design and construction, development of documents, policies, and procedures, as well as document control of Alternative Delivery projects (Design-Build, CMAR, P3, etc.) and services for proposed projects covered by this contract, as issued in task orders (TO) through the Louisiana Department of Transportation and Development (DOTD).
02/10 - 01/14	I-10 Widening Design-Build Siegen Lane Interchange – the Highland Road Interchange, East Baton Rouge Parish, LA (DOTD) 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 DOTD. 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 (DOTD). Ms. Evans served as Principal-in-Charge for this project that consisted 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 included 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.				
	Randy Denmon, PE, PLS <i>Project Manager</i>		Years of relevant experience with this employer	31
			Years of relevant experience with other employer(s)	
	Degree(s) / Years / Specialization	B.S. Mathematics, 1992 M.S. Civil Engineering, 1996	Year registered	1996 2001
	Active registration number / state / expiration date	4798 LA PLS 3/31/2027 29390 LA PE 3/31/2027	Discipline	Electrical
Contract role(s) / brief description of responsibilities: Mr. Denmon serve as the Project Manager for this contract and fulfill MPR #3.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time years of experience specified in the applicable MPR[s].			
Mr. Denmon has over 30 years' experience in civil engineering/construction management and land surveying, primarily as a Public Works and Flood Control Engineer. Mr. Denmon is a registered Civil Engineer and Surveyor in the State of Louisiana. Mr. Denmon has vast experience working on Water Resource, Flood Control, and Transportation projects, and well as Surveying. His experience includes: hydraulic design, construction management, analysis of water supply structures, watershed and stream modeling, and flood mapping. In his career, Mr. Denmon has been the lead engineer in flood mapping or stream modeling projects on over 50 major, named watersheds in Louisiana for such clients as: La. Department of Transportation, and other State Agencies, Watershed and Lake Districts, and many local governments. He has also managed dozens of roadway projects for the DOTD and local governments. He is a certified DOTD Project Manager. Mr. Denmon has extensive experience with Microstation, AutoCAD, Intergraph, and Bentley computer aided design applications, and the US Army Corps of Engineers' HEC-RAS and HMS hydrologic modeling programs.				
12/21-1/23	IDIQ Contract for Louisiana Watershed Initiative (LWI) Modeling Contract, Region 3, DOTD, State Contract No. 4400017069. Sub to Wood for topographic surveying on streams and bridges. Four Task Orders for \$1,426,244. Surveyor in charge of all survey work.			
04/20 - Ongoing	Retainer Contract For Dam Inspection and Related Engineering of State Regulated Dams, LADOTD Surveying, Field inspection and dam safety reports for State regulated dams. Work includes topographic surveying and H&H modeling of dams, lakes and discharge channels, and field inspection reports with the LADOTD's Terraflex software. Final stamped reports of all inspections submitted to the LADOTD.			
10/17-02/23	Retainer Contract for Dam Inspection and Related Engineering, of State-Regulated Dams, Statewide. Project Manager for Surveying, Field inspection and dam safety reports for State regulated dams. Work includes topographic surveying and H&H modeling of dams, lakes and discharge channels, and field inspection reports with the LADOTD's GeoCortex software. Final stamped reports of all inspections submitted to the LADOTD.			
06/05-07/11	Statewide Dam Breach Analysis (Statewide, LA). Dam Breach Analysis and Emergency Action Plans (EAP) on 20 dams owned or regulated by the State of Louisiana. Work included downstream basin, bridge, and dam surveys on selected dams, the construction of HEC-RAS computer models to model dam breaches, production of final reports, dam hazard level classifications, flood inundation maps, and EAP's.			
01/06-01/08	Cross Lake Erosion Repairs, Project Manager. Work included: 1) Erosion repair that included underwater concrete and riprap, 2) the completion of an Emergency Action Plan in accordance with LADOTD dam safety regulations; 3) final design, bidding, and award for the clearing and grubbing of the dam; 4) detailed field surveys of the dam; and 5) a full geotechnical analysis of the dam that included 26 borings, lab analysis, the installation of 6 piezometers, groundwater investigation, stability analysis, through seepage analysis, underseepage analysis, and recommendations for corrective measures for the dam.			


Firm employed by: Volkert, Inc.				
	Clinton Patrick, PE, PLS Survey		Years of relevant experience with this employer	9
			Years of relevant experience with other employer[s]	3
	Degree(s) / Years / Specialization	BS 2012 Civil Engineering	Year registered	2016 2023
	Active registration number / state / expiration date	40919 LA PE 03/31/2025 5311 LA PLS 09/30/2025	Discipline	Civil Surveyor
Contract role(s) / brief description of responsibilities: Mr. Patrick will be serve as the Project Manager and will be providing survey services and fulfill MPR #5.				
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].			
Mr. Patrick has 10 years' experience. His skills include Team & Project Management, Relationship Building, Critical Analysis, Strategic Planning, Delegation, Budgeting, HEC-RAS, Autodesk Storm 6 Sanitary Sewer Analysis, MicroStation, AutoCAD Civil 3D. His certifications include: Class IV Wastewater Operator				
11/24 - 12/27	Kings Highway Improvements, City of Shreveport. Project Manager. Volkert is leading the planning and design efforts for the potential transformation of Kings Highway near Centenary College in Shreveport, Louisiana. The project envisions a strategic road diet, reducing the current four-lane roadway to a two-lane configuration to promote safer and more accessible travel for all users. By incorporating enhanced pedestrian access, dedicated bike lanes, and the option for side street parking, the proposed improvements aim to create a vibrant and inclusive streetscape that meets the needs of the community.			
11/24 - 12/26	SportTran Bus Stops, City of Shreveport. Project Manager. Volkert will provide project management and engineering services for the design and construction of 110 bus stops to include bus shelter pads while ensuring compliance with ADA guidelines.			
01/15 - 12/25	City of Monroe - Georgia Street Pump Street. Design of a flood pumping station for the City of Monroe to address an area that was identified as a repetitive loss area. The project needed to meet key guidelines to facilitate Louisiana Statewide Flood Control funding while ensuring that the pump station would operate during events of power loss. The project included the pumping station, retention pond for additional flood storage and a backup generator to ensure that the pumping station would be operational during storm events.			
05/15 - 12/22	I-20 Economic Board - Nutland Road to Lowes I-20 Frontage Road. Part of the design team for a frontage road along I-20 on the southern side connecting the existing Nutland Road to its termination near Garrett Road on the eastern end of the project. The project included road and drainage structures that required the installation of box culverts to cross major drainage structures in the area. The project also required the expansion of the City's water and sewer system. A new water mail along with a new gravity sewer main and sewer lift station were required to service the future development along the newly constructed Frontage Road.			
08/15 - 08/19	Sterlington Park, LLC - Somerset Park. 5-Phase Residential Development with approximately 850 lots which included roadway, drainage, detention, storm sewer, gravity sewer, sewer lift station and main, and water main. Project included 2 detention areas and all-underground drainage systems.			


Firm employed by: Volkert, Inc.				
	Steven Lengefeld Sr. Technician, Survey Support		Years of relevant experience with this employer	3
			Years of relevant experience with other employer(s)	26
	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 responsibilities: Mr. Lengefeld will be coordinating survey crews and developing plans and fulfill MPR #4.				
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).			
Mr. Lengefeld serves as the Survey Manager for Volkert's Monroe, Louisiana office. For the past 23 years, Mr. Lengefeld has been actively engaged in the field of survey. He does the processing of survey data, cost estimates, & drafting, especially as it relates to property plats, easements and right of ways. Mr. Lengefeld has used several Cad platforms and various design packages, such as Microstation V8i, Autocad 2018 & 2021, Inroads V8i, Softdesk & Civil 3D and Trimble software to process survey data and produce property plats and other drawings as it pertains to survey. Mr. Lengefeld also writes legals for property plats. He works with the project managers and engineers to provide quality survey that is needed for their projects. Mr. Lengefeld's responsibilities include preparation of preliminary and final plats and legals. He manages the scheduling of five survey crews and does all the purchasing of equipment and survey supplies. Mr. Lengefeld is in contact with clients as it relates to surveying and communicates with each survey crew on a daily basis for direction of each day.				
04/20 - Ongoing	Retainer Contract For Dam Inspection and Related Engineering of State Regulated Dams, LADOTD Surveying, Field inspection and dam safety reports for State regulated dams. Work includes topographic surveying and H&H modeling of dams, lakes and discharge channels, and field inspection reports with the LADOTD's Terraflex software. Final stamped reports of all inspections submitted to the LADOTD.			
2014 - Ongoing	Atmos Energy. Work directly with Atmos Energy on several projects across North Louisiana. These projects include topographic survey, layout of gas lines and right of ways, property plats and legals for above ground right of way and below ground right of way and easements.			
03/23 - 12/23	AEP - Bloomburg to Hosston Station, Bloomburg to South Texarkana, Ashdown to 12th Street Texarkana, Arkansas surveys - Directed the survey crews and processed all survey data for topographic/boundary and right of way stakeout for AEP. James Marlow - TCR Beckville-Rock Hill Texas boundary survey - Directed the survey crews and processed all survey data for topographic and boundary survey for AEP. Tommy Bradley - TCR Booneville-Branch, Arkansas right of way/construction staking survey - Directed the survey crews and processed all survey data for right of way/construction staking survey for AEP. Sam Welch - TCR			
2014 - 2021	NRCS Conservation Easements. Worked on several NRCS projects throughout North and central Louisiana. His work included courthouse research, managing and directing the survey crew in topographic and boundary survey work on site, processing survey data, creating drawings into property and boundary plats, writing legals and being in communication with property owners as it relates to the progress of each survey.			


Firm employed by: Volkert, Inc.			
	Chad Fisher <i>Sr. Technician</i>		Years of relevant experience with this employer 3
			Years of relevant experience with other employer(s) 29
	Degree(s) / Years / Specialization	Certificate - Drafting & Design Technology, LA Technical College - Bastrop, 1995	Year registered n/a
	Active registration number / state / expiration date	n/a	Discipline n/a
Contract role(s) / brief description of responsibilities: Mr. Fisher will be developing plans and fulfill MPR #4.			
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).		
For almost 30 years, Mr. Fisher has been actively engaged in the field of civil design, cost estimates, manhour analysis, construction administration, construction inspection & drafting, especially as it relates to civil design projects. Mr. Fisher has used several Cad platforms and various design packages, such as Microstation V8i, Autocad 2022, Inroads V8i, Softdesk & Civil 3D. Mr. Fisher's responsibilities include preparation of preliminary and final cost estimates, manhour analysis, construction inspection/supervision, design drawings including plan & profile sheets, typical sections, geometrics and special details, cross-sections, drainage maps, and right-of-maps.			
Ongoing	IJA Off-System Bridge Program D 04 Survey (DOTD District 04 – Northwest Louisiana). Work directly with the Project Manager to perform photographic bridge surveys.		
04/20 - Ongoing	Retainer Contract For Dam Inspection and Related Engineering of State Regulated Dams, LADOTD Surveying, Field inspection and dam safety reports for State regulated dams. Work includes topographic surveying and H&H modeling of dams, lakes and discharge channels, and field inspection reports with the LADOTD's Terraflex software. Final stamped reports of all inspections submitted to the LADOTD.		
02/08 - Ongoing	Kansas Lane Extension - Phase 2 (Ouachita Parish, LA). Work directly with the Project Engineer to prepare preliminary and final drawings including plan & profile sheets, typical sections, geometrics and special details, cross-sections, drainage maps, and right-of-maps using Microstation V8i & Civil Packages.		
05/99-07/10	Fink's Hide A-Way Road (US 165 - Raymond Drive); Ouachita Parish. Work directly with the Project Engineer to prepare preliminary and final drawings including plan & profile sheets, typical sections, geometrics and special details, cross-sections, drainage maps, and right-of-maps using Microstation J & Civil Packages.		

Firm employed by: Volkert, Inc.				
	Bryan Ardoin <i>Party Chief</i>		Years of relevant experience with this employer	3
			Years of relevant experience with other employer(s)	
	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 responsibilities: Mr. Ardoin will be providing survey services as a party chief.				
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].			
Mr. Ardoin joined Volkert in 2021 and has 6 years of experience as Party Chief and 3 years of experience as an Instrument Person in surveying.				
09/23 - 11/23	DOTD Bridge surveys – Caddo Parish and Red River Parish – Instrument person for topographic surveys of two bridges in Caddo Parish and one bridge in Red River Parish, Louisiana.			
11/23 - 12/23	AEP – Booneville-Branch, Arkansas right of way/construction staking survey – Party Chief for right of way/construction staking survey for AEP.			
01/23 - 12/23	Atmos Gas Layout/Survey – Party Chief for right of way and topographic surveys for gas line relocations for various Atmos projects throughout Northeast and North-west Louisiana.			
03/23 - 12/23	AEP – Bloomburg to Hosston Station, Bloomburg to South Texarkana, Ashdown to 12th Street Texarkana, Arkansas surveys – Party Chief for topographic/boundary and right of way stakeout for AEP.			
03/23 - 12/23	Fifth Louisiana Levee District – Items 340-R, 366-R and 393-R Levee surveys. Party Chief for boundary and topographic survey in Tensas Parish and Concordia Parish, La.			

Firm employed by: Beast Engineering, LLC				
	Danny Martin, PE <i>Senior Engineer</i>		Years of relevant experience with this employer	8
			Years of relevant experience with other employer(s)	36
	Degree(s) / Years / Specialization	BS, 1977, Agricultural	Year registered	1981
	Active registration number / state / expiration date	PE.0019520 / Louisiana / Expires: 09/30/2025	Discipline	Environmental
Contract role(s) / brief description of responsibilities: Mr. Martin will be responsible for preparing hydrology and hydraulic reports for local units of government to recommend improvements for drainage problems on parish highways and other areas. Responsible for assessing flood damage to assist in determining FEMA eligibility. Performed dam inspections of state regulated dams in northwest Louisiana, and entered inspection data into the TerraFlex program for the 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).			
Responsible for preparing hydrology and hydraulic reports for local units of government to recommend improvements for drainage problems on parish highways and other areas. Responsible for assessing flood damage to assist in determining FEMA eligibility. Performed dam inspections of state regulated dams in northwest Louisiana, and entered inspection data into the TerraFlex program for the reports. TRAINING AND QUALIFICATIONS: <ul style="list-style-type: none"> American Traffic Safety Services Association (ATSSA) Registered Flagger (Expires 7/18/2028) APNGA Portable Nuclear Gauge Safety & US DOT Hazmat Certification (Expires: 9/30/2025) 				
01/11 - 10/15	Caddo Soil and Water Conservation District - Project Engineer. Responsible for implementation of the Red Bayou Irrigation project; a \$5 million project to provide irrigation water for 15,000 acres of agricultural land in the Gilliam area. Obtained land right for construction and operation of the project. Responsible for bidding process, contract administration, supervision of staff, and final inspection of the project.			
08/78 - 01/11	USDA NRCS - Area Civil Engineer. Project Engineer for NRCS federal projects including dams, drainage and flood control channels, weirs and erosion control projects. Conducted operation and maintenance inspections on completed federal projects, such as dams, flood control channels, drainage channels, and erosion control projects. Supervised technicians and inspectors Office Manager for Emergency Watershed Program after Hurricane Rita, supervising and scheduling teams of engineers, biologists, conservationists and soil scientists to assess damages and recommend aide.			

Firm employed by: Beast Engineering, LLC				
	Joeli Jeter Arnold <i>Inspector</i>		Years of relevant experience with this employer	1.5
			Years of relevant experience with other employer(s)	1.5
	Degree(s) / Years / Specialization	n/a	Year registered	n/a
	Active registration number / state / expiration date	n/a	Discipline	n/a
<p>Contract role(s) / brief description of responsibilities:</p> <p>Mr. Arnold will be providing inspection services for project in accordance with DOTD policies and procedures, and plans and specifications.</p>				
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].			
<p>Responsible for construction inspection on various roadways and other transportation projects in Caddo, and Bossier Parishes including the design build project H.003370 I-220/I-20 Interchange to Barksdale AFB. Inspection of removal items, earthwork, base course, asphalt patching and paving on roadway projects.</p> <p>TRAINING AND QUALIFICATIONS:</p> <ul style="list-style-type: none"> • ATSSA Certified Traffic Control Supervisor (Expires: 12/05/2027) • American Traffic Safety Services Association (ATSSA) Registered Flagger (Expires: 5/7/2027) • APNGA Portable Nuclear Gauge Safety & US DOT Hazmat Certification (Expires: 12/11/2026) • DOTD Certification: HMA Paving Inspection (Expires: 08/12/2029) 				

Firm employed by: Beast Engineering, LLC				
	Lloyd Lyles Technician		Years of relevant experience with this employer	7
			Years of relevant experience with other employer(s)	47
	Degree(s) / Years / Specialization	n/a	Year registered	n/a
	Active registration number / state / expiration date	n/a	Discipline	n/a
<p>Contract role(s) / brief description of responsibilities:</p> <p>Provide project construction inspection services in accordance with DOTD policies and procedures, and plans and specifications.</p>				
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].			
<p>Responsible for construction inspection, layout, and surveys on various roadways, drainage structures, and other transportation projects in Caddo, Bossier, and DeSoto Parishes. Maintains field diaries and daily work reports. Records project quantities for preparation of monthly estimates and change orders. Performs materials sampling and testing.</p> <p>TRAINING AND QUALIFICATIONS:</p> <ul style="list-style-type: none"> Louisiana AGC Certified Traffic Control Supervisor (3/25/2026) American Traffic Safety Services Association (ATSSA) Registered Flagger (Expires 1/31/27) APNGA Portable Nuclear Gauge Safety & US DOT Hazmat Certification (Expires 7/16/2025) 				
01/11 - 05/15	Caddo Soil and Water Conservation Service. Responsible for staking and construction inspection of the Red Bayou project which consisted of the installation of two large pumps, weirs, and pipes into Red River with two 42-inch pipes into Red Bayou.			
10/02 - 01/11	Natural Resource Conservation Service, Shreveport, Area Technician. Responsible for the design and construction inspection of conservation projects for nine parishes in NW Louisiana. Assisted with recovery after Hurricane Rita in Lake Charles by inspecting the clearing of debris in channels. Assisted with recovery after Hurricane Katrina in New Orleans by inspecting the clearing of debris in channels and the repair of ditch banks. Assisted with Emergency Watershed Protection (EWP) in Shreveport by inspecting the channel repair work.			
03/77 - 10/02	Natural Resource Conservation Service, Benton Field Office. Performed field work in Bossier Parish and Caddo Parish - Designed, staked and inspected ponds, drop pipes, terraces, land leveling fields, ponds and drainage ditches. Inspected the excavation of Flat River and installation of more than 100 drop pipes.			

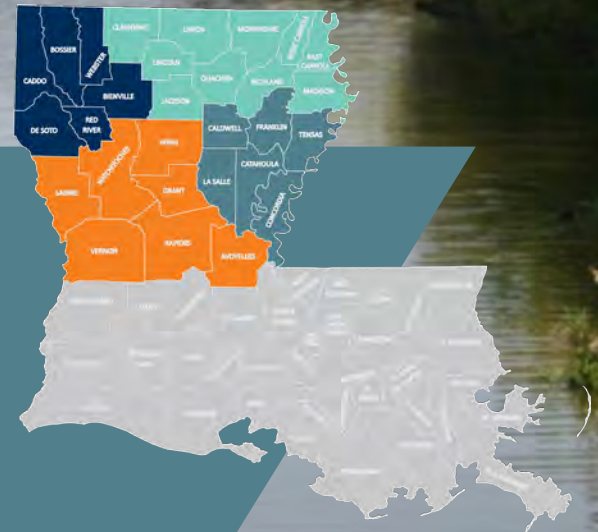
Firm employed by: Beast Engineering, LLC				
	Danny Ware <i>Senior Technician</i>		Years of relevant experience with this employer 9.5	
			Years of relevant experience with other employer(s) 38	
	Degree(s) / Years / Specialization	n/a	Year registered	n/a
	Active registration number / state / expiration date	n/a	Discipline	n/a
Contract role(s) / brief description of responsibilities: Provide project construction inspection services in accordance with DOTD policies and procedures, and plans and specifications.				
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).			
Responsible for construction management and inspection on various road and bridge projects in Caddo, Bossier and DeSoto Parishes. Duties include construction inspection, testing, sampling and record keeping for various projects. Collects data for design of projects. Prepares diaries, daily work reports, change orders, partial and final estimates using Site Manager on DOTD projects.				
TRAINING AND QUALIFICATIONS: <ul style="list-style-type: none"> • Certification: Asphalt Concrete Paving (Expires 8/15/26) • Certification: Structural Concrete (Expires 8/15/26) • Certification: Embankment and Base Course (Expires 5/1/26) • Certification: Portland Cement Concrete Paving (Expires 7/6/26) • Louisiana AGC Certified Traffic Control Supervisor (Expires 3/25/2026) • American Traffic Safety Services Association (ATSSA) Registered Flagger (Expires 5/10/2027) 				
01/87 - 07/15	Louisiana DOTD, Bossier City. Engineer Technician 7. (Began work with DOTD in 1977 and served continuously until retirement in 2015.) Performed construction inspection of numerous roads, bridges and related transportation infrastructure projects including portions of I-20, I-220 and I-49, structures, and numerous federal, state, parish and city projects. Prioritized and managed the work of a moderate staff of engineering technicians engaged in a wide variety of duties such as construction inspection, materials testing, surveying, designing traffic operations, etc. Coordinated relationships with contractors to meet contract and compliance standards. Utilized expertise of construction including structural concrete, PCC pavement, asphaltic pavement, utilities, earthwork, lead abatement, asbestos abatement, traffic control and segmental structures. Managed projects involving super-paving, pavement repair, barrier wall placement, bridge rehabilitation and guardrail replacements; coordinated with community partners to maintain timeline and resolve project concerns. Managed bridge painting and structural steel placement, including drill shafts, concrete footings, super-structure repair and bridge edge repair. Completed daily logs and inspection reports along with calculations of quantities of materials. Coordinated testing with engineering labs for all materials to be tested. Analyzed data and engineering reports from engineering labs.			

SECTION 17 | FIRM EXPERIENCE



BUNDICK LAKE WATER CONTROL STRUCTURE

Bookmarks added to pdf for ease of review.



17. Firm Experience:

Firm name	Volkert, Inc.	Past Performance Evaluation Discipline(s)*	Other (Dam Inspection)
Project name	Retainer Contract For Dam Inspection and Related Engineering of State-Regulated Dams in Districts 04, 05, and 58	Firm responsibility (prime or sub?)	Prime
Project number	Contract No. 44000147764	Owner's name	LADOTD
Project location	Statewide	Owner's Project Manager	Ed Knight
Owner's address, phone, email	505 Travis St., Shreveport, LA 71101, 318.673.6050, david.smith@shreveportla.gov		
Services commenced by this firm (mm/yy)	04/20	Total consultant contract cost (\$1,000's)	n/a
Services completed by this firm (mm/yy)	04/25	Cost of consultant services provided by this firm (\$1,000's)	\$1,250

Volkert, Inc. is providing professional engineering services under a retainer contract with the Louisiana Department of Transportation and Development (LADOTD) for the inspection and assessment of state-regulated dams in Districts 04, 05, and 58. This work includes topographic surveying, field inspections, and hydrologic and hydraulic (H&H) modeling to evaluate the structural integrity and performance of dams, lakes, and discharge channels. The goal is to ensure compliance with LADOTD safety regulations while identifying any necessary maintenance or rehabilitation measures.

As part of this contract, Volkert conducts detailed surveys using advanced GPS and LiDAR technology to establish accurate site conditions. Field inspections assess embankments, spillways, and outlet structures for signs of deterioration, erosion, or seepage that could impact stability. LADOTD's TerraFlex software is used to document field observations efficiently, streamlining data collection and reporting. Additionally, H&H modeling is performed to analyze spillway capacities, evaluate flood risks, and simulate dam performance under various storm conditions.

All findings are compiled into final stamped reports that include inspection results, survey data, and hydraulic analyses. These reports provide LADOTD with actionable recommendations for repairs, operational adjustments, or further engineering studies to enhance dam safety. By leveraging its expertise in dam safety and infrastructure resilience, Volkert is supporting LADOTD's mission to protect Louisiana's communities and water resources through proactive monitoring and engineering solutions.

Staff to be used in this proposal: Randy Denmon, PE, PLS, Steven Lengefeld, Chad Fisher, Bryan Ardoin



Firm name	Volkert, Inc.	Past Performance Evaluation Discipline(s)*	Other (Dam Inspection)
Project name	Retainer Contract For Dam Inspection and Related Engineering of State-Regulated Dams	Firm responsibility (prime or sub?)	Prime
Project number	n/a	Owner's name	LADOTD
Project location	Statewide	Owner's Project Manager	Ed Knight
Owner's address, phone, email	505 Travis St., Shreveport, LA 71101, 318.673.6050, david.smith@shreveportla.gov		
Services commenced by this firm (mm/yy)	07/18	Total consultant contract cost (\$1,000's)	333
Services completed by this firm (mm/yy)	10/19	Cost of consultant services provided by this firm (\$1,000's)	207

Volkert, Inc. provided professional engineering services under a retainer contract with the Louisiana Department of Transportation and Development (LADOTD) for the **inspection and assessment of state-regulated dams**. This work included **topographic surveying, field inspections, and hydrologic and hydraulic (H&H) modeling to evaluate the structural integrity and performance of dams, lakes, and discharge channels**. The goal was to ensure compliance with LADOTD safety regulations while identifying any necessary maintenance or rehabilitation measures.

As part of this contract, Volkert conducted detailed surveys using advanced GPS and LiDAR technology to establish accurate site conditions. Field inspections assessed embankments, spillways, and outlet structures for signs of deterioration, erosion, or seepage that could impact stability. LADOTD's TerraFlex software was used to document field observations efficiently, streamlining data collection and reporting. Additionally, H&H modeling was performed to analyze spillway capacities, evaluate flood risks, and simulate dam performance under various storm conditions.

All findings were compiled into final stamped reports that included inspection results, survey data, and hydraulic analyses. **These reports provided LADOTD with actionable recommendations for repairs, operational adjustments, or further engineering studies to enhance dam safety**. By leveraging its expertise in dam safety and infrastructure resilience, Volkert supported LADOTD's mission to protect Louisiana's communities and water resources through proactive monitoring and engineering solutions.

Staff to be used in this proposal: Randy Denmon, PE, PLS, Steven Lengefeld, Chad Fisher, Bryan Ardoin



Firm name	Volkert, Inc.	Past Performance Evaluation Discipline(s)*	Other (Engineering services related to Dam Safety)
Project name	Bayou Dechene Reservoir	Firm responsibility (prime or sub?)	Prime
Project number	716-11-0001	Owner's name	Bayou Dechene Reservoir / LADOTD
Project location	Caldwell Parish , Louisiana	Owner's Project Manager	Ricky Hart
Owner's address, phone, email	201 Main St #5, Columbia, LA 71418, wandacppj@att.net		
Services commenced by this firm (mm/yy)	04/96	Total consultant contract cost (\$1,000's)	\$2,600
Services completed by this firm (mm/yy)	10/19	Cost of consultant services provided by this firm (\$1,000's)	\$1,800

Volkert, Inc. was retained to provide engineering and permitting services for the development of a 1,100-acre potable water reservoir in Caldwell Parish, Louisiana. This project is a critical investment in the region's water infrastructure, ensuring a reliable water supply to support long-term economic growth and community resilience. **A key feature of the reservoir is a 4,700-foot-long, 70-foot-high embankment dam, designed to provide flood control and water storage, along with a 19-foot by 30-foot drop inlet spillway to regulate flow and maintain operational safety.**

Volkert's role encompassed a comprehensive suite of engineering and project management services, including site identification, feasibility analysis, and environmental permitting. The team secured Section 404 Clean Water Act permits, ensuring compliance with federal and state regulations while minimizing environmental impacts. Advanced hydrologic and hydraulic modeling was performed to optimize the reservoir's design and assess potential flooding risks. In addition, Volkert facilitated right-of-way acquisition, final design development, and preparation of bid documents, ensuring a seamless transition from planning to construction.

Now in the construction phase, this \$35 million project represents a major milestone in securing sustainable water resources for Caldwell Parish. Throughout the process, Volkert has provided bidding assistance and construction oversight, ensuring quality control and adherence to project specifications. Once complete, the reservoir will serve as a long-term water supply solution, supporting regional development, improving water security, and enhancing environmental resilience for generations to come.

Staff to be used in this proposal: Randy Denmon, PE, PLS, Steven Lengefeld, Chad Fisher, Bryan Ardoin

Firm name	Volkert, Inc.	Past Performance Evaluation Discipline(s)*	Other (Engineering services related to Dam Safety)
Project name	Cross Lake Erosion Repairs	Firm responsibility (prime or sub?)	Prime
Project number	15-170	Owner's name	City of Shreveport
Project location	Caddo Parish	Owner's Project Manager	Barbara Featherston
Owner's address, phone, email		505 Travis Street, Shreveport, LA 71101 , 318-673-6000, barbara.featherston@shreveportla.gov	
Services commenced by this firm (mm/yy)	04/12	Total consultant contract cost (\$1,000's)	\$9,500
Services completed by this firm (mm/yy)	09/19	Cost of consultant services provided by this firm (\$1,000's)	\$475

Volkert, Inc. has completed multiple engineering contracts for the City of Shreveport to support the maintenance and safety of the Cross Lake Dam, a vital water supply and flood control structure for the region. **These projects aimed to address structural concerns, improve dam stability, and ensure compliance with Louisiana Department of Transportation and Development (LADOTD) dam safety regulations.** A significant component of the work included erosion repair utilizing underwater concrete and riprap to reinforce the dam's structure and mitigate the effects of long-term wear from water flow and environmental conditions.

To enhance dam safety and preparedness, Volkert developed a comprehensive Emergency Action Plan (EAP) in accordance with LADOTD guidelines. This plan outlines critical response procedures in the event of structural failure or extreme weather events, ensuring public safety and regulatory compliance. Additionally, Volkert provided final design, bidding, and award management for the clearing and grubbing of the dam, a necessary step to maintain the integrity of the structure by preventing vegetation overgrowth and root intrusion. As part of the overall assessment, detailed field surveys of the dam were conducted to gather precise data for analysis and long-term monitoring.



A key aspect of Volkert's work on the Cross Lake Dam was a comprehensive geotechnical investigation, which included 26 borings, laboratory analysis, and the installation of six piezometers to monitor groundwater conditions. The team performed stability analysis, through-seepage and underseepage evaluations, and developed recommendations for corrective measures to enhance the dam's long-term performance. These engineering efforts, with an estimated cost of \$1.37 million, have provided the City of Shreveport with critical insights and solutions to ensure the ongoing safety, functionality, and resilience of this essential water infrastructure.

Staff to be used in this proposal: Randy Denmon, PE, PLS, Steven Lengefeld, Chad Fisher, Bryan Ardoin

Firm name	Volkert, Inc.	Past Performance Evaluation Discipline(s)*	Other (Engineering services related to Dam Safety)
Project name	Site Improvements, Bussey Brake Lake	Firm responsibility (prime or sub?)	Prime
Project number	16-514-15-01	Owner's name	LA State Parks
Project location	Morehouse Parish	Owner's Project Manager	William Gauthier
Owner's address, phone, email	2000 Quail Dr., Baton Rouge, LA 70808, (225) 765-5028, wgauthier@wlf.la.gov		
Services commenced by this firm (mm/yy)	12/17	Total consultant contract cost (\$1,000's)	\$67
Services completed by this firm (mm/yy)	10/19	Cost of consultant services provided by this firm (\$1,000's)	\$56

Volkert, Inc. designed a wind break dike and enhancements to the existing boat launch to improve safety and accessibility for recreational and commercial boaters. The wind break dike was strategically engineered to reduce wave action and shoreline erosion, providing a more stable environment for watercraft docking and navigation. Additionally, the boat launch improvements included structural upgrades, enhanced accessibility features, and reinforced materials to extend the facility's lifespan and usability under varying water conditions. **These enhancements ensure a safer, more efficient launching area for the community while protecting the surrounding shoreline.** The project, with a construction cost of \$615,000, represents a significant investment in local water infrastructure, supporting both recreational activities and economic development.

Staff to be used in this proposal: Randy Denmon, PE, PLS, Steven Lengefeld, Chad Fisher, Bryan Ardoin



Firm name	BEAST ENGINEERING, LLC		Past Performance Evaluation Discipline(s)*	Other (Dam Inspection)
Project name	Retainer Contract for Engineering & Inspection Services for State Regulated Dams		Firm responsibility (prime or sub?)	Sub
Project number	N/A		Owner's name	LADOTD
Project location	Statewide		Owner's Project Manager	Edward Knight
Owner's address, phone, email	PO Box 94245, Baton Rouge, LA / (225)379-3010 edward.knight@la.gov			
Services commenced by this firm (mm/yy)	02/18	Total consultant contract cost (\$1,000's)	\$333	
Services completed by this firm (mm/yy)	10/19	Cost of consultant services provided by this firm (\$1,000's)	\$126	

Beast Engineering provided engineering and inspection services of state regulated dams located in northwest Louisiana. Dam sites were inspected to determine if existing conditions required maintenance or presented any safety concerns. Our team performed more than 50 inspections of state, federal and privately-owned dams over 50 acre foot in size. The information gathered was entered in the TerraFlex online reporting program.

Staff to be used in this proposal: Seigle Bruce Easterly, Danny Martin, Lloyd Lyles

Firm name	BEAST ENGINEERING, LLC	Past Performance Evaluation Discipline(s)*	Other (Dam Inspection)
Project name	IDIQ Contract for Construction Engineering and Inspection Services for Safety Projects (CEGI) Statewide with Majority of Work in Districts 04, 05, & 58)	Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	LADOTD
Project location	Statewide	Owner's Project Manager	Mark Morvant
Owner's address, phone, email	PO Box 94245, Baton Rouge, LA / (225)379-1205 mark.morvant@la.gov		
Services commenced by this firm (mm/yy)	02/21	Total consultant contract cost (\$1,000's)	\$1,500
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$1,079

Beast Engineering provided construction engineering and inspection services for the IDIQ Safety projects in Districts 04, 05 and 08. The projects included signage and striping.

Staff to be used in this proposal: Bruce Easterly, Gershon McLemore, Doug Thompson, Curtis Garrett, Lisa Jeter, Marvin Ford

Firm name	BEAST ENGINEERING, LLC	Past Performance Evaluation Discipline(s)*	Other (Dam Inspection)
Project name	Retainer Contract for Engineering & Inspection Services for State Regulated Dams- Statewide (Dist. 04, 05, 08 & 58)	Firm responsibility (prime or sub?)	Sub
Project number	N/A	Owner's name	LADOTD
Project location	Statewide	Owner's Project Manager	Edward Knight
Owner's address, phone, email	PO Box 94245, Baton Rouge, LA / (225)379-3010 edward.knight@la.gov		
Services commenced by this firm (mm/yy)	06/20	Total consultant contract cost (\$1,000's)	\$250
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$131

Beast Engineering provided engineering and inspection services of state regulated dams located in northwest Louisiana. Dam sites were inspected to determine if existing conditions required maintenance or presented any safety concerns.

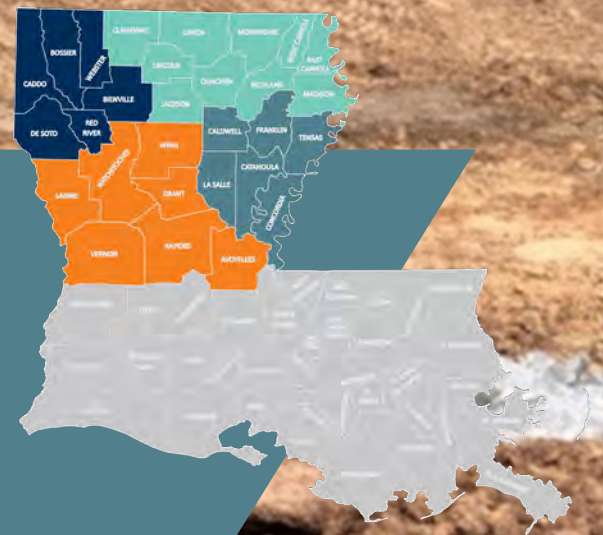
Staff to be used in this proposal: Bruce Easterly, Danny Martin, Lloyd Lyles, Gershon McLemore, Doug Thompson, Curtis Garrett

SECTION 18 | APPROACH & METHODOLOGY



SITE IMPROVEMENTS, BUSSEY BRAKE LAKE

Bookmarks added to pdf for ease of review.



18. Approach and Methodology:

Provide a description of how the work will be performed and provide the proposed project schedule. This section shall be limited to four pages.

Based on a recent conversation with Consultant Contracts, we have included interactive bookmarks in our pdf to help with ease of review.

APPROACH AND METHODOLOGY

Volkert, Inc. will provide comprehensive dam safety engineering, inspection, and design services under the direct supervision of our experienced team of professional engineers and land surveyors. Volkert has a proven history of working on dam-related projects for various public agencies, including the Louisiana Department of Transportation and Development (LADOTD), Louisiana Facility Planning and Control, Louisiana State Parks, the Lower Colorado River Authority, the U.S. Army Corps of Engineers (USACE), as well as numerous cities, parishes, lake commissions, and private industry stakeholders. Our expertise includes dam safety engineering, inspections, breach analysis, hazard classification, and emergency action planning.

EXPERIENCE AND CAPABILITIES

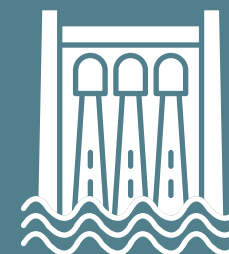
Volkert has extensive experience in dam design, analysis, and inspection across Louisiana and East Texas. Our team has successfully completed engineering work on over 35 major impoundments, including the award-winning Poverty Point Reservoir, which received the LADOTD Transportation Excellence Award for Public Works in 2011.

Our portfolio includes inspections and engineering work for the following impoundments in recent years:

- Black Bayou Lake, Caddo Parish
- Turkey Creek Lake, Franklin Parish
- Vernon Lake, Vernon Parish
- Cross Lake, Caddo Parish
- Lake Bayou DeSiard, Ouachita Parish
- Washington Parish Reservoir
- Bundick Lake, Beauregard Parish
- Grand Bayou Lake, Red River Parish
- Saline Lake, Winn Parish
- Cane River Lake, Natchitoches Parish
- Pierce Ranch Lake, Wharton County, TX
- Chicot Lake, Evangeline Parish
- Smithport Lake, Desoto Parish
- Kepler Lake, Bienville Parish
- Sibley Lake, Natchitoches Parish
- Spring Lake, Hays County, TX
- Mill Creek Lake, Bienville Parish
- Caney Lake, Jackson Parish
- D'Arbonne Lake, Union Parish
- Black Lake, Bossier Parish
- Big Slough Lake, Morehouse Parish
- Bayou Mason Cutoff Lakes, Franklin Parish
- Black River Lake, Concordia Parish
- Red River Waterway Pool 3 Tributary Lakes
- Lometa Reservoir, Lampasas County, TX
- Brusly Lake, Madison Parish

Our highly qualified and experienced team consists of registered professional civil engineers, professional land surveyors, engineering interns, technicians, and construction inspectors. Volkert employs modern GPS survey equipment and field technology to ensure high-accuracy data collection and analysis.

Volkert currently has
a small backlog of
\$125,582 for Other
(Dam Inspection)



Volkert has inspected more than **700**
dams for the LADOTD.

Volkert has completed Breach Analysis, Inundation Mapping, Design Work and Emergency Action Plans on more the forty major dams in Louisiana, and completed this work on more than twenty-five major dams owned by or operated by the LADOTD.

Volkert is very versed with the LADOTD's GEOCORTEX and ESRI Dam Data and Inventory software.

PROJECT EXECUTION PLAN

Volkert will work closely with LADOTD's Dam Safety Section to provide ongoing dam inspection, engineering, and reporting services. Our methodology includes:

INSPECTION COORDINATION AND EXECUTION

- Utilize LADOTD's GEOCORTEX and ESRI database software to identify dams requiring inspection on an annual and monthly basis.
- Develop and submit proposed monthly and yearly inspection schedules for LADOTD approval.
- Upon approval, coordinate directly with dam owners to schedule inspections.
- Conduct field inspections in accordance with LADOTD Dam Safety Rules and Regulations.
- Provide real-time coordination with LADOTD on major deficiencies and hazard classification issues identified during inspections.

REPORTING AND DOCUMENTATION

- Submit preliminary dam inspection reports to LADOTD at the end of each month for review.
- Revise reports based on LADOTD feedback and finalize documentation.
- Issue stamped, final inspection reports to dam owners and provide LADOTD with digital copies of all correspondence and reports.
- Maintain thorough records of all inspections and findings in compliance with LADOTD standards.

ADDITIONAL ENGINEERING SERVICES

- Perform design, surveying, breach analysis, and inundation mapping.
- Conduct underwater investigations and hazard impact classification determinations.
- Prepare and update Emergency Action Plans (EAPs) for dam facilities.
- Develop engineering evaluation reports for dams requiring further analysis.
- Provide specialized inspection and design support services as requested by LADOTD.

For all non-periodic dam inspection services, Volkert will meet with LADOTD prior to initiating work to develop project scopes, cost estimates, and options for specialized studies or design modifications. Our team's familiarity with LADOTD procedures, coupled with our extensive experience in dam safety engineering, ensures that Volkert will deliver reliable and timely results for this contract.

As a local firm with offices in Louisiana, Volkert never charges DOTD for mileage or lodging, ensuring swift mobilization, cost-effective solutions, and regional expertise.

SCHEDULE

The creation of schedules will depend on the scope, complexity, and time expectations set by DOTD during the initial scoping meeting. Schedules will incorporate all previously defined project delivery milestones, along with a minimum review period of 2-3 weeks by DOTD. Below you'll find an example task order schedule developed for a medium-sized project, excluding any review time for DOTD deliverables. Construction support will be provided for the duration of the contractor's construction schedule.

					May 1, 2025	May 15, 2025	Jun 1, 2025	Jun 15, 2025	Jul 1, 2025	Jul 15, 2025
DAM INSPECTION			START	END						
Annual Tasks										
Kickoff Meeting		100%	5/1/25	5/4/25	■	■				
Develop Yearly Schedule for Dam Inspections		100%	5/4/25	5/9/25		■	■	■		
Submit Schedule to the DOTD For Review		100%	5/9/25	5/13/25			■	■	■	
Monthly Tasks										
Submit Monthly Dam Schedule to the LATD		100%	5/15/25	5/15/25				■		
Contact Dam Owners, Schedule Inspections		100%	5/15/25	5/31/25			■	■	■	■
Complete Field Inspections for the Month		100%	6/1/25	6/30/25				■	■	■
Submit Monthly Summary to the DOTD		100%	7/1/25	7/1/25					■	
Submit Preliminary Inspections to the DOTD		100%	7/1/25	7/7/25					■	■
Finalize and Stamp Dam Reports and Sent to DOTD		100%	7/10/25	7/15/25						■
Mail Final Dam Reports to Dam Owners		100%	7/15/25	7/20/25						■

SECTION 19 | WORKLOAD



REMOVAL AND REPLACEMENT OF BIG SLOUGH LAKE SPILLWAY


Bookmarks added to pdf for ease of review.





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 REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Unpaid Balance**
 Volkert, Inc.	Other (Dam Inspection)	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, Tasks Order 4 & 7	\$125,582
	Bridge	Contract No. 44-25024 S. P. No. H.01551.8	Ridge Road Over Castor Creek, Bienville Parish, LA	\$139,575
		Contract No. 44-25024 S. P. No. H.015520	Collinsburg Creek over Collinsburg Creek, Bossier Parish, LA	\$88,160
		Contract No. 44-25024 S. P. No. H. 015522	Barnette Road over Trib to Walnut Bayou, Caddo Parish, LA	\$21,075
		Contract No. 44-25024 S. P. No. H.015524	Self Road Over Dooley Canal, Caddo Parish, LA	\$4,050
		Contract No. 44-25024 S. P. No. H.015525	Bailey Town Rd Over Little Corney Bayou, Claiborne Parish, LA	\$111,525
		Contract No. 44-25024 S. P. No. H.015527	Hinds Road Over Wallace Bayou, DeSoto Parish, LA	\$111,625
		Contract No. 44-25024 S. P. No. H.015528	Courtney Road Over Dry Creek, Red River Parish, LA	\$24,550
		Contract No. 44-25024 S. P. No. H.015529	Dorcheat Road Over Cow Branch, Webster Parish, LA	\$98,300
		Contract No. 44-25024 S. P. No. H.015336	Marathon Road over Gray Creek, Webster Parish, LA	\$96,550

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Unpaid Balance**
 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	\$1,084,218
	Survey	Contract No. 44-17068	IDIQ Contract for Louisiana Watershed Initiative (LWI) Modeling Contract Region 2, Sub Consultant, Task Order 4	\$37,965
	CE&I/OV	Contract No. 44-16173 S.P. No. H.003370	I-220/I-20 Interchange Improvements & Barksdale AFB Access, Bossier Parish, LA	\$376,650
		H.004791	LA 23: Belle Chasse Bridge and Tunnel Replacement (HBI) Plaquemines Parish, LA	\$3,930,558
		Contract No. 44-16980 H.013897	College Drive Flyover Ramp. I-10/I-12 West East Baton Rouge Parish, LA	\$159,882
		Contract No. 44-21740 H.004100.6	Phase I W. of Washington Street to Essen Lane (CE&I) Phase I Segment 01. W. of Washington Street to Acadian Thruway, Route I-18. East & West Baton Rouge Parishes, LA	\$717,490
		Contract No. 4400026587 S.P. No. H.001779.6	Jimmie Davis Bridge (LA 511) (HBI) (Owner Verification Services) Route LA 511, Caddo and Bossier Parishes	\$7,778,234
		H.001234.6	LA 1: Leeville to Golden Meadow Phase 2 (CE&I) & SA 1 Fabrication Lafourche Parish (Subconsultant to ECM)	\$3,121,535
		H.011965.6	LA 47: IWGO Bridge Replacement (HBI) (CE&I), Orleans Parish -Subconsultant	\$2,055,161
		H.007811.6, H.000710.6,H.002273.6, and H.001352.6	Comite Diversion Canal CE&I and Utility Relocation, East Baton Rouge Parish, LA – Subconsultant	\$119,200
		H.002868.6	Retainer Contract 44-26334 IDIQ Contract for Precast Prestress Concrete Fabrication Inspection, Task Order 3 Fabrication, I-49 S Ambassador Caffery US 90 Interchange, Lafayette Parish	\$20,458
		H.011808.6	Retainer Contract 44-26334 IDIQ Contract for Precast Prestress Concrete Fabrication Inspection, Task Order 4 Fabrication, LA 10: Palmetto Company Canal Br	\$44,728
		H.011808.6	Retainer Contract 44-26334 IDIQ Contract for Precast Prestress Concrete Fabrication Inspection, Task Order 5 Fabrication, LA 514 Local Bayou and & CR BRS	\$20,458
		H.011808.6	Retainer Contract 44-26334 IDIQ Contract for Precast Prestress Concrete Fabrication Inspection, Task Order 6 Fabrication, Caplis Sligo Road	\$4,084

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Unpaid Balance**
 Beast Engineering	Other (Dam Inspection)	Contract No: 4400017764 TO #4 (CE&I)	Retainer Contract for Engineering & Inspection Services for State Regulated Dams – Statewide (Districts 04, 05,08 & 58)	\$118,779
	CE&I/OV	Contract No: 4400005052 SPN: H.009945.6	Koran Doyline Road Bridge over Clarke Bayou, Bossier Parish	\$21,018
		Contract No: 4400026587 SPN: H.001779.6	Jimmie Davis Bridge (LA 511) (HBI) (Owner Verification Services) Route: LA 511	\$3,170,590
		Contract No: 4400019873 SPN: H.013086.6	I.A. Lewis Elem Sidewalk – Phase 2	\$18,665
		Contract No: 4400019873 SPN: H.015010	Local Road Striping & Signing (Bossier)	\$9,427
		Contract No: 4400019873 SPN: H.013720	Bonner St Bridge Ped Impr (Ruston)	\$178,729
		Contract No: 4400026469 SPN: H.015196	Local Road Striping & Signing (DeSoto)	\$177,450
		Contract No: 4400027994 SPN: H.13995	LA 507, LA 514, Local Bayou and CR Brs	\$1,615,818
		Contract No: 4400027994 SPN: H.013986	LA 155 Bridges Near Coushatta	\$776,871

SECTION 20 | CERTIFICATIONS/LICENSES



POVERTY POINT RESERVOIR

Bookmarks added to pdf for ease of review.

20. Certifications/Licenses:

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

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Print Detailed Record

Name	Type	City	Status
VOLKERT, INC.	Business Corporation (Non-Louisiana)	MOBILE	Active

Janet Evans, PE, MBA | MPR #1, 2, 3



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).

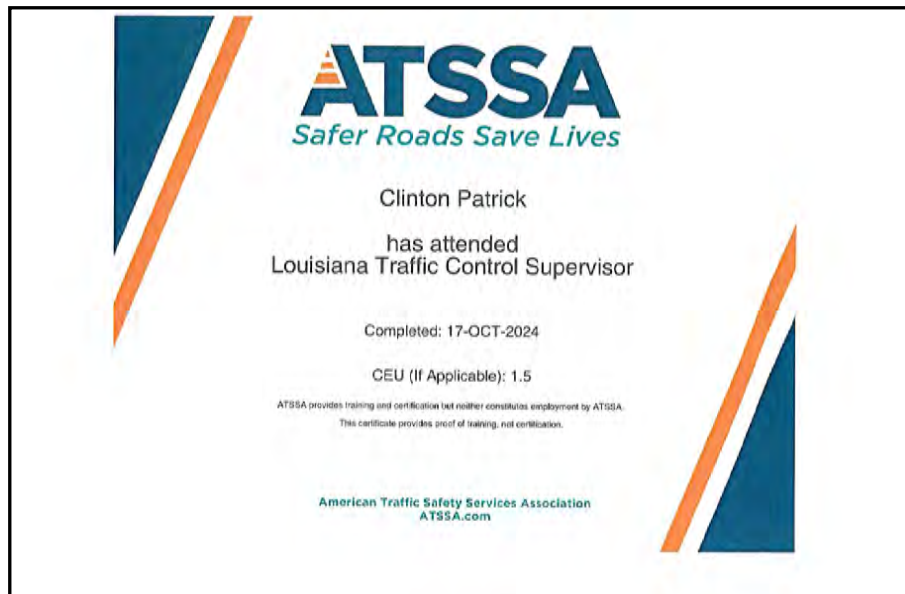
If there are any questions regarding this issue, please contact Mr. Brett Morgan of LADOTD at Headquarters in Baton Rouge, LA (225-379-1584) or Judy Brousseau at the above captioned address.

Best Regards,

Ken Naquin – LAGC Chief Executive Officer

ATSSA American Traffic Safety Services Association	
This is to affirm that	
JANET EVANS	
has satisfied the requirements to be designated as a	
CERTIFIED FLAGGER	
Issue Date	6/26/2023
Exp. Date	6/26/2027
State Issued	LA
Instructor Name	Debbie Purcella
Instructor Signature	
V0000215338	Verify at Flagger.com

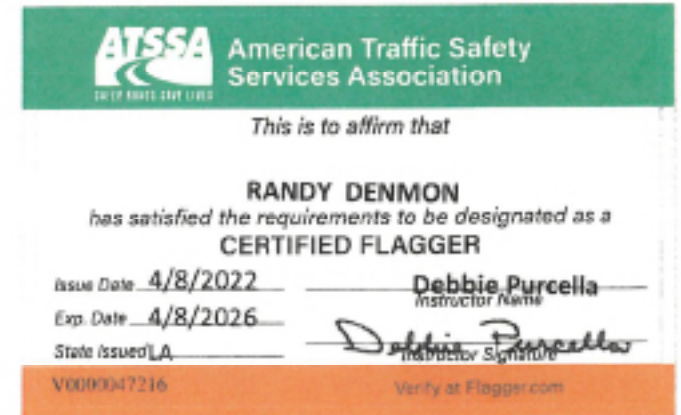
Clinton Patrick, PE, PLS



Steven Lengefeld



Randy Denmon, PE, PLS

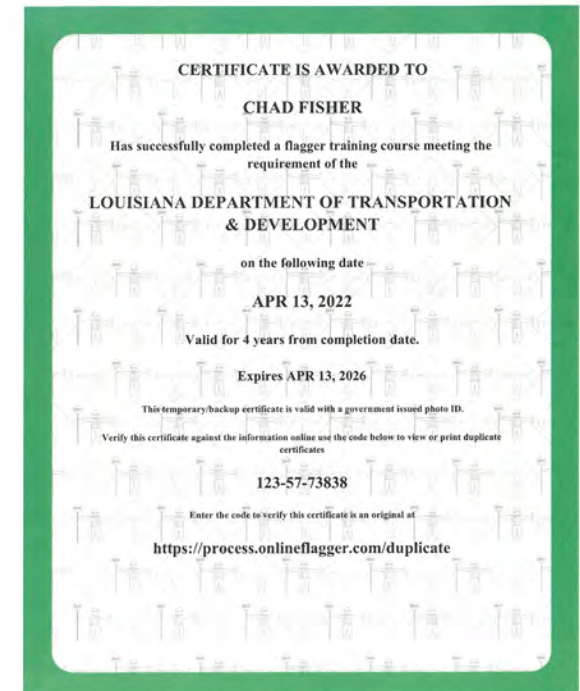


Chad Fisher

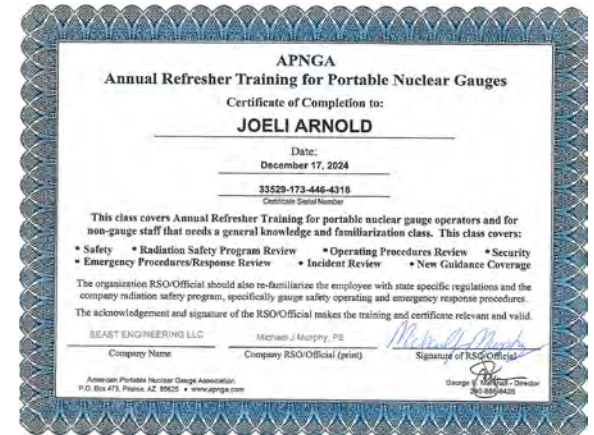


15 Riversid
Office: 540-36

American Traffic Safety Services Association



Joeli Arnold
Technician



Lloyd Lyles
Technician



COURSE COMPLETION & GRADING

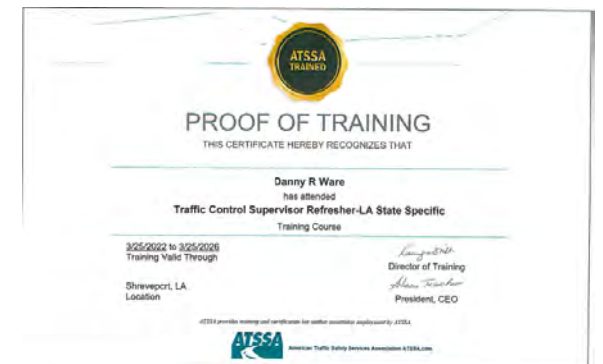
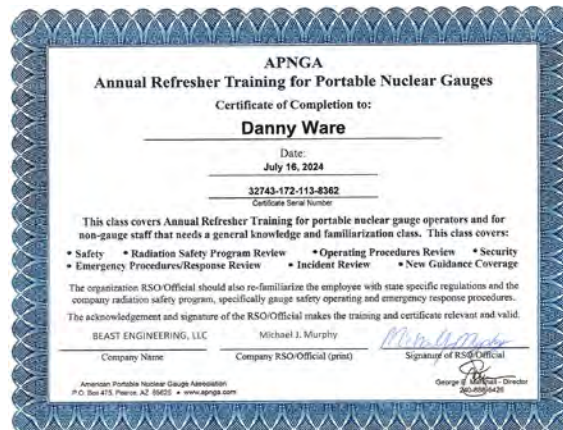
Completion Date	1/31/2023
LMS Result	Pass
Exam Percent Complete	100.00
Available Retake	—
Attendee Certificate Print Date	—



Danny Martin
Senior Engineer



Danny Ware
Senior Technician



SECTION 21 | QA/QC PLAN AND/OR WORK PLAN

(NOT REQUIRED)



**ST. LANDRY ROAD – EDENBORNE
CONNECTOR**

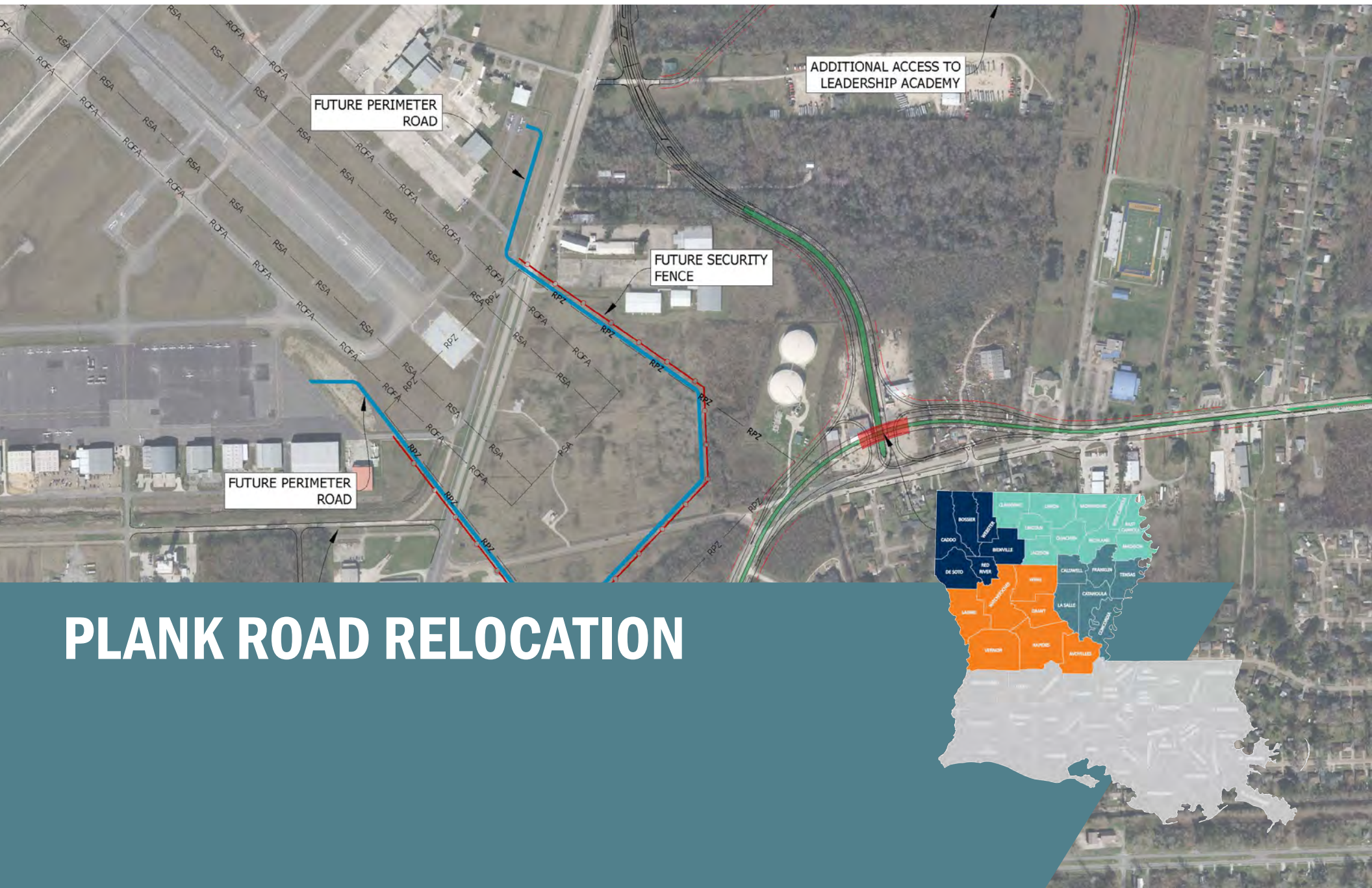


21. QA/QC Plan and/or Work Plan:

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 | SUBCONSULTANT INFORMATION



PLANK ROAD RELOCATION

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
BEAST ENGINEERING, L.L.C.	102 Oak Leaf Trail Benton, LA 71006	Bruce Easterly, beasterly@bellsouth.net	(318)518-8273

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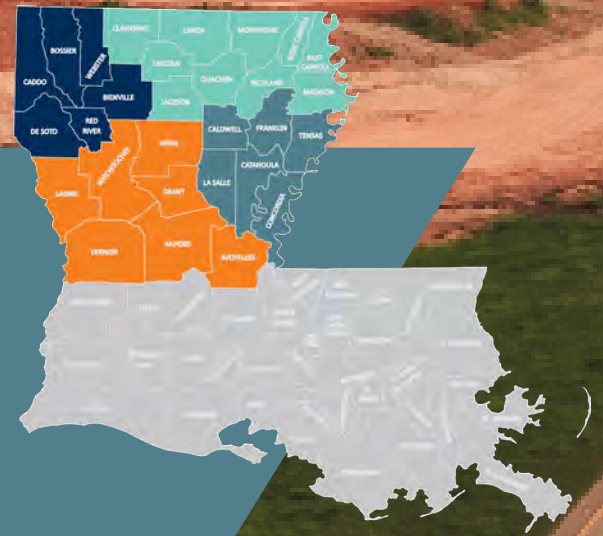
Print Detailed Record

Name	Type	City	Status
BEAST ENGINEERING, L.L.C.	Limited Liability Company	BENTON	Active

SECTION 23 | LOCATION (NOT REQUIRED)



**I-220 TO BARKSDALE AFB
CONNECTOR**



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.