

REQUEST FOR ENGINEERING AND RELATED SERVICES
**IDIQ CONTRACT FOR BRIDGE MAINTENANCE
PRESERVATION AND REPAIR | STATEWIDE**

CONTRACT NO. 4400036231





August 12, 2026

Department of Transportation & Development
Attn: Paulette Territo, Consultant Contract Services Administrator
1201 Capitol Access Road, Room 405-BB
Baton Rouge, LA 70802

RE: Advertisement for Engineering & Related Services; IDIQ Contract for Bridge Maintenance Preservation and Repair Statewide; Contract No. 4400036231

Dear Ms. Territo,

As one of the nation's most experienced infrastructure and top 100 design firms, **recently rated number 1 in Texas and Louisiana** and a founding member of the Southeast Bridge Preservation Partnership (SEBPP), we are well positioned to partner with the Louisiana Department of Transportation and Development (LADOTD) in advancing a proactive, data-driven Bridge Maintenance Preservation Program statewide. **With offices and staff across Louisiana, our team brings strong regional knowledge, regulatory understanding, and alignment with district priorities.**

Volkert has a proven track record of identifying cost-effective retrofits and preventative maintenance strategies that extend service life and optimize investments. We will support leveraging district in-house capabilities, utilizing existing contracts, integrating with current data systems, and developing standardized repair details for program-wide application.

Our programmatic approach is organized around three core elements of the Scope of Services:

Structure Asset Management Plan Development – Evaluating existing data, conducting targeted inspections, performing life-cycle benefit-cost and risk-based modeling, delivering prioritized recommendations, and establishing a systemic program.

Structure Preservation Project Development – Advancing projects from planning through final design.

Post-Design Construction Support – Providing responsive RFI support, submittal reviews, design clarifications, and change evaluations.

Our team includes the following subconsultants:

Mott MacDonald, LLC – Asset data management and repair matrix development

Ardaman & Associates, Inc. – Geotechnical engineering and soil analysis

T. Baker Smith, LLC – Surveying, SUE, utility coordination, and field data collection

Supported by Volkert's Project Manager, **Steven Armstrong, PE, CBI, ADCI**, this team will ensure effective contract and task order management and compliance with all LADOTD policies and quality requirements.

Volkert has successfully partnered with LADOTD on numerous high-priority projects and remains committed to improving bridge conditions, advancing prioritized preservation efforts, and maximizing available funding. We look forward to strengthening this partnership through this important statewide initiative.

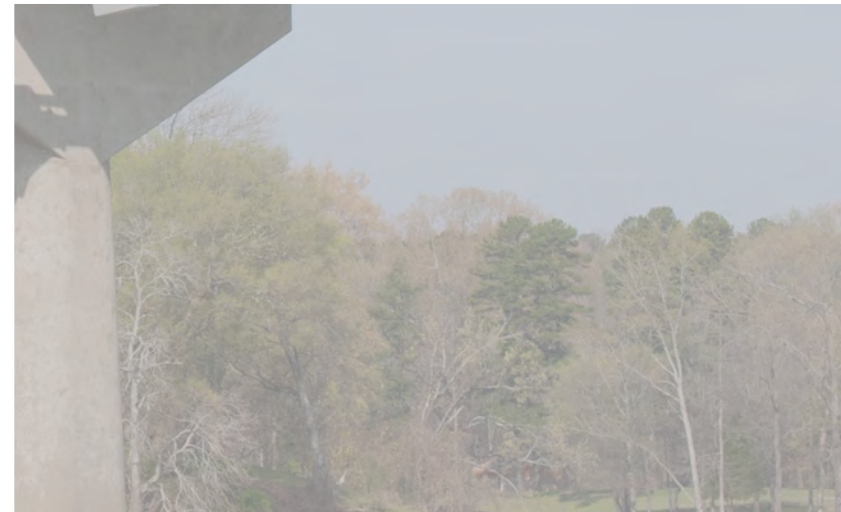
We appreciate the opportunity to be considered for this contract and look forward to the possibility of continuing our partnership with LADOTD. Should you require any additional information, please do not hesitate to contact me at 225-270-1454 or jan.evans@volkert.com.

Respectfully submitted,
Volkert, Inc.

A blue ink signature of Janet L. Evans, written in a cursive style.

Janet L. Evans, PE, MBA | Regional Vice President

DOTD FORM 24-102 | SECTIONS 1-15



DOTD FORM: 24-102

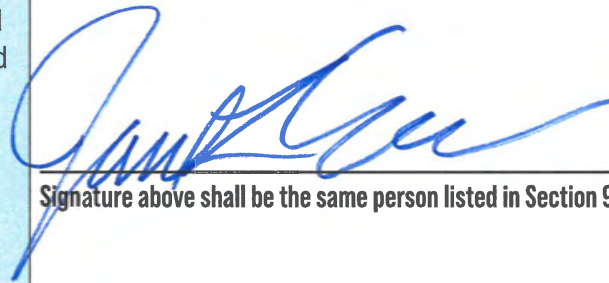
PROPOSAL TO PROVIDE CONSULTANT SERVICES

1. Contract title as shown in the advertisement	IDIQ CONTRACT FOR BRIDGE MAINTENANCE PRESERVATION AND REPAIR STATEWIDE
2. Contract number(s) as shown in the advertisement	4400036231
3. State Project Number(s), if shown in the advertisement	n/a
4. Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law)	VOLKERT 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 Avenue 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 Regional 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 Regional Vice President 225-218-9440; Jan.evans@volkert.com

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

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.

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.



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

Date: August 12, 2026

Firm(s): n/a

Firm(s)' %: n/a

12. Discipline Table:

Past Performance Evaluation Discipline(s)	% of Overall Contract	Volkert	Mott MacDonald	T. Baker Smith	Ardaman & Associates	Each Discipline Must Total to 100%
BRIDGE	59%	100%	0%	0%	0%	100%
SURVEY	6%	80%	0%	20%	0%	100%
TRAFFIC	3%	100%	0%	0%	0%	100%
ENVIRONMENTAL	3%	100%	0%	0%	0%	100%
GEOTECH	4%	15%	0%	0%	85%	100%
OTHER (ASSET MANAGEMENT SYSTEM)	25%	40%	60%	0%	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%	80%	15%	1%	4%	100%
Percentages are rounded to the nearest whole number.						

13. Team Size

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	3	40
	Engineer	10	88
	Engineer Intern	4	1
	Environmental Manager	1	2
	Environmental Pro	1	15
	Surveyor	2	0
	Senior Technician	1	9
	Technician	5	5
	Engineer	3	6
	Economist	1	2
	Supervisor - Eng	1	3
	Senior Technician	1	5
	Surveyor	2	4
	Supervisor - Eng	2	4
	Technician	1	25

14. Organizational Chart

FIRM LEGEND

- Volkert
- Mott MacDonald
- T. Baker Smith
- Ardaman
- # Minimum Personnel Requirement Nos.
- 👤 Workzone Training
- 🚧 Traffic Module Training
- 🚦 NHI Certification



ASSET MANAGEMENT

ASSET/PROGRAM MANAGEMENT

- Lacy Love, PE
- Charles Pilson, PhD, PE (NC)
- Massoud Nasrollahi, PhD, PE (VA)
- Dave Juntunen, PE (MI)
- Robert Von Schimmelmman, MBA

BRIDGE INSPECTION & REPORTING

- Britt Bumpers, PE, CBI, CTI 🚧
- Robert Scheeler, PE, CBI, CTI 🚧
- Stephen Dossett, Jr., PE, CBI, CTI 🚧

HQ & DISTRICT INTERVIEWS / MANUAL DATA SELECTION

- Steven Armstrong, PE, CBI, ADCI 4 🚧 👤
- Vincent Latino, PE 👤
- Parker Scheuermann, EI 👤
- Kylie Colvin, EI
- Ben Robins, EI

PRESERVATION & DESIGN SERVICES

TRAFFIC DESIGN

- Jonathan Gambino, PE, PTOE, RSP1 🚧 👤
- Angelo "Trey" Pecoraro, EI 🚧 👤

CADD/TECHNICIAN

- Perry Leblanc
- Laura Tomlinson
- Chad Fisher
- Robyn Tate

ENVIRONMENTAL & PERMITTING

- Jason Goffinet, REPA
- Paige Felts, CPESC

BRIDGE DESIGN

- Jacob Parker, PE 3 👤
- Artur D'Andrea, PE 👤
- Ahmed Rageh, PhD, PE 👤
- Mario Rubio

COST ESTIMATOR

- Reginald Jeter, PE

GEOTECH

- Megan Bourgeois, PE 👤
- Mark Woodward, PE
- Jessica Litt

SURVEY/SUE/UTILITY COORDINATION

- Randy Denmon, PE, PLS 👤
- Clinton Patrick, PE, PLS 👤
- Steven Lengefeld 👤
- TJ Stokes, PE 👤
- Jean Reulet, III, PLS 👤
- Jeremy Cormier, PLS
- Perry Smith Jr.

15. Minimum Personnel Requirements

MPR No.	Personnel being used to meet the MPR	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	Jacob Parker, PE	Volkert, Inc.	PE # - Civil 30596	LA	09/30/2027
4	Steven Armstrong, PE, CBI, ADCI	Volkert, Inc.	PE # - Civil 44405	LA	09/30/2026



For reviewer convenience, bookmarks and hyperlinks (underlined) are included throughout the documents for easy navigation and quick access to relevant content.

SECTION 16. STAFF EXPERIENCE

Resumes included in the following order:

Janet L. Evans, PE, MBA | MPR #1, 2
Steven Armstrong, PE, CBI, ADCI | MPR #4
Vincent Latino, PE
Aaron Immel, PE, CBI, CTI, CFM
Randy Denmon, PE, PLS
Lacy Love, PE
Britt Bumpers, PE, CBI, CTI
Robert Scheeler, PE, CBI, CTI
Stephen Dossett, Jr., PE, CBI, CTI
Parker Scheuermann, EI
Kylie Colvin, EI
Ben Robins, EI
Jacob Parker, PE | MPR #4
Artur D'Andrea, PE
Ahmed Rageh, PhD, PE
Mario Rubio
Jonathan Gambino, PE, PTOE, RSP1
Angelo "Trey" Pecoraro, EI
Perry Leblanc
Laura Tomlinson

Chad Fisher
Robyn Tate
Reginald Jeter, PE
Jason Goffinet, REPA
Paige Felts, CPESC
Randy Denmon, PE, PLS
Clinton Patrick, PE, PLS
Steven Lengefeld
Charles Pilson, PhD, PE
Massoud Nasrollahi, PhD, PE
Dave Juntunen, PE
Robert Von Schimmelmann, MBA
TJ Stokes, PE
Jean Reulet, III, PLS
Jeremy Cormier, PLS
Perry Smith Jr.
Megan Bourgeois, PE
Mark Woodward, PE
Jessica Litt



16. Staff Experience:

Firm employed by: Volkert, Inc.				
	Janet L. Evans, PE, MBA Project Principal		Years of relevant experience with this employer	18
			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
				
Contract role(s) / brief description of responsibilities: Ms. Evans will serve as Principal-in-Charge.				
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].			
Ms. Evans joined Volkert in 2008 and has over 44 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, interchange modifications as well as both traditional design and alternative design build. Ms. Evans has developed plans for project sites with extremely confined work zones, updated and analyzed to minimize lane closures and traffic impacts to nearby residents and commuters. She has also developed construction sequencing plans to minimize impacts in areas with high average daily traffic volumes. 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 of project management allows 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.				
03/21 - Ongoing	LA 23: Belle Chasse Bridge and Tunnel (HBI) Improvements, Plaquemines Parish (LADOTD). Ms. Evans is serving as Principal-in-Charge 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 LADOTD Project Manager prior to and during reviews, develops review comments, attends project meetings, certifies that the P3 team adheres to their contract, and addresses other assignments as directed.			
05/23 - Ongoing	Jimmie Davis Bridge (LA511) (HBI) (Owner Verification Services). Ms. Evans is serving as Principal-in-Charge. 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 LADOTD 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.			

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].
09/22 - Ongoing SECTION 17 PROJECT	District 04 IJA Off-System Bridge Program. Ms. Evans is serving as Principal-in-Charge. 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. The initial contract included tasks to research qualifying off system bridge locations in LADOTD district 04. District 04 includes the Parishes of Bossier, Caddo, Red River, Bienville, Claiborne, DeSoto, and Webster. Volkert staff visited all locations and assembled a screening matrix which includes archaeological sites, NRHP eligible structures, historical bridges, tribal lands, scenic streams, threatened and endangered species, Section 4(f) properties, Section 6 (f) properties, navigable waterways, underground storage tanks, levees or utility permits. Volkert coordinated with each Parish to develop a selected structures list and program bridges for the five years of funding for the IJA funding stream. Initial services for this project included site screening and bridge selection for replacement based on matrix/spreadsheet cataloging specific site information in order to select the structures that meet the program timeline and budget. Furthermore, upon coordination with the LADOTD, nine (9) bridge locations were chosen for design and replacement with the goal of replacing as many bridges as possible with the funds available. Volkert is performing Hydraulic Analysis and Bridge Design services at these locations. 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 LA DOTD Hydraulic Design Guidelines for the Off-System Bridge Replacement and Rehabilitation Program manual.
A: 2013-2021 B: 2017-2022	Filmore South Groups A & B, New Orleans, LA. Ms. Evans served as Principal-in-Charge. The City's Capital Improvement Program restored more than 400 miles of roads and infrastructure, including streets in the Filmore South area. Volkert provided survey, preliminary and final design, construction phase services, resident inspection, and inspection support for Filmore South Groups A and B, both now complete. Group A included approximately 33,000 linear feet of improvements across 28 local streets, including incidental repairs, concrete panel replacement, asphalt patch/mill/overlay, and nonpaving incidentals. Group B included approximately 3,500 linear feet of full pavement replacement on local streets, including Cartier Avenue and Owens Boulevard, with new pavement, sidewalks, ADA ramps, water and sewer lines, sewer service lateral lining, drainage lines, Mirabeau Garden stormwater outfalls, and pavement considerations near aged oak trees.
08/17 - 02/20	I-10: Highland Road to LA 73 Design-Build, East Baton Rouge and Ascension Parishes, LA (LADOTD). Ms. Evans served as Principal-in-Charge for the Owner Verification Team (OVT) on Task Orders 3 & 4. Volkert provided 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. Ms. Evans 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. This was the fastest procured design-build to date in DOTD history. State Contract No. 4400004915 TO 3 & 4, S.P. No. H.009250.
01/09 - 01/13	I-12 Widening Design-Build Project from O'Neal Lane Interchange – Pete's Highway (LADOTD). 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.
10/11 - 12/12	I-10 Veterans Boulevard – Clearview Parkway Widening (LADOTD). Ms. Evans served as Principal-in-Charge. Volkert provided construction contract administration and construction engineering and inspection (CEI) services for the construction of additional lanes on I-10 between Veterans Boulevard and Clearview Parkway in Metairie, Louisiana. The project consisted of adding lanes and full width shoulders in each direction to the existing roadway and bridges, increasing drainage capacity, cold planing asphaltic pavement, Class II base course, Superpave asphaltic concrete pavement, asphaltic concrete SMA wearing course, new roadway signing and lighting, sound barrier walls, slab span and girder span bridges, pavement markings, waterline relocation, sewer force main relocation, guardrail replacement and related work.

Firm employed by: Volkert, Inc.				
	Steven Armstrong, PE, CBI, ADCI Project Manager		Years of relevant experience with this employer	4
			Years of relevant experience with other employer(s)	8
	Degree(s) / Years / Specialization	MS. 2015 Civil Engineering BS 2021 Civil Engineering	Year registered	2020
	Active registration number / state / expiration date	44405 Louisiana 09/30/26	Discipline	Civil
				
Contract role(s) / brief description of responsibilities: Mr. Armstrong will serve as Project Manager and fulfills Minimum Personnel Requirement No. 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 years of experience specified in the applicable MPR[s].			
Mr. Armstrong is a civil and environmental engineering graduate of the University of New Orleans and a resident of Mandeville, Louisiana. He previously worked with the Louisiana Coastal Protection & Restoration Authority (CPRA) (2012-2015) and Moffatt & Nichol (M&N) (2014-2022) before joining Volkert. Through his course work and professional experience, Mr. Armstrong has a strong background in the construction oversight of coastal and ecological and structural construction projects, proposal writing and budget creation, project management, safety inspection of bridges, bridge preservation, bridge load ratings, and a wide variety of infrastructure assessments. He has particular expertise in the structural inspection of overhead ancillary sign structures; submerged structural inspections of infrastructure including bridges, wharves, weirs, rock dikes/jetties, concrete and timber foundations; and high-resolution acoustic imaging of underwater structures. Mr. Armstrong is part of a highly qualified group of teams that regularly accomplish the most challenging projects to mitigate problems and discover solutions. His studies at the University of New Orleans emphasized coastal, hydraulic, environmental, and structural engineering principles.				
2005 - Ongoing SECTION 17 PROJECT	Louisiana Department of Transportation and Development (LADOTD), IJIA Off System Bridge Replacement Program; District 04, Louisiana. Mr. Armstrong serves as the Project Manager assisting in the implementation and management of the LADOTD's Infrastructure Investment and Jobs Act (IJIA) Off-System Bridge Program (OSBR). Initial services for this project included site screening and bridge selection for replacement based on matrix/spreadsheet cataloging specific site information in order to select the structures that meet the program timeline and budget.			
10/24 - 01/25	Fluor Federal Petroleum Operations, Bayou Choctaw 2024 Bridge Inspections for the Department of Energy, Plaquemine, Louisiana. Mr. Armstrong served as the Inspection Team Leader and one of the Engineers of Record for the inspection and load rating of four bridge structures at the Department of Energy Strategic Petroleum Reserve "Bayou Choctaw" in Plaquemine, Louisiana. The bridges consisted of a pratt truss, slab span, and two prestressed concrete girder configurations varying in ages. The inspections were completed in accordance with the FHWA National Bridge Inspection Standards (NBIS) and the load ratings were completed using AASHTOware Bridge Rating program complying with the AASHTO Manual for Bridge Evaluations (MBE). The reports were completed to abide by the Department of Energy bridge inspection report guidelines.			
12/23 - 05/24	Routine Waterfront Inspection of PONO France Road Terminal for Boh Bros. Construction, LLC. Mr. Armstrong served as the Project Manager and Team Leader responsible for the overall routine waterfront inspection in accordance with the American Society of Civil Engineers (ASCE) Standard Practice Manual for Underwater Investigations and ASCE Waterfront Facilities Inspection and Assessment. This task included an above and below water inspection followed by an in-depth report provided to the client.			
10/21 - 02/22	Chalmette Slip Dock 2 Section D Warehouse Floor Rehabilitation, St. Bernard Port, Harbor & Terminal District, Arabi, Louisiana. Mr. Armstrong is the Project Manager and Engineer of Record for the warehouse deck replacement project. This project involves the replacement of a failing deck structure within the Wharf D, Dock 2 warehouse with funding in part by the Louisiana Transportation Trust Fund, through Port Construction and Development Priority Program. The project will utilize innovative helical piles, supporting grade beams/bent caps with a cast in place concrete deck to meet the existing elevation of the surrounding deck area and support a 1000 psf or wheel loads from a fully loaded forklift. The surrounding wharf must remain functional to maximize operational safety, cargo handling efficiency, and the			

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].
	route used by trucks to move the incoming and outgoing product from the facility. A finite element analysis was used to refine the slab thickness and pile spacing due to needing to meet current design criteria and the current deck elevation within the warehouse surrounding areas. The project has an estimated construction cost of \$9-12M.
Prior to Volkert 2014 - 2022	Louisiana Department of Transportation and Development (LADOTD) Underwater Bridge Inspection Contract (2020–2025), Statewide. NBIS Team Leader for the five-year retainer contract to perform underwater bridge inspections throughout Louisiana, including 100 percent visual inspections of submerged elements in accordance with National Bridge Inspection Standards (NBIS) requirements. Louisiana Department of Transportation and Development (LADOTD) Underwater Bridge Inspection Contract (2017–2021), Statewide. NBIS Team Leader for the five-year retainer contract to perform underwater bridge inspections throughout Louisiana, including 100 percent visual inspections of submerged elements in accordance with National Bridge Inspection Standards (NBIS) requirements. LADOTD Underwater Bridge Inspection Contract (2014-2019), Louisiana. Member of the M&N inspection team for the five-year retainer contract to perform underwater bridge inspections throughout Louisiana, including 100 percent visual inspections of submerged elements in accordance with NBIS requirements.
2020 - 2022	Louisiana Department of Transportation and Development (LADOTD) IDIQ Contract for In-Depth Bridge Inspections, Statewide (Subconsultant to HNTB). Member of the M&N inspection team for the current IDIQ contract to perform routine bridge inspections throughout Louisiana, including 100 percent visual inspections in accordance with National Bridge Inspection Standards (NBIS) requirements. - Task 1, HNTB LADOTD In-Depth Bridge Inspection Statewide. Team member, tasked to perform a complex bridge inspection of the cable-stayed Audubon Bridge above the deck utilizing rope access techniques in St. Francisville, LA. Drone pilot responsible for collecting overview inventory photos. 10938 - Task 2, HNTB LADOTD In-Depth Bridge Inspection Statewide. Team member, tasked to perform a complex bridge inspection of the Cantilever Truss I-10 above the deck utilizing rope access techniques in Baton Rouge, LA. Drone pilot responsible for collecting overview inventory photos. 10938
2020 - 2022	Louisiana Department of Transportation and Development (LADOTD) IDIQ Contract for In-Depth Bridge Inspections, Statewide (Subconsultant to Gresham Smith). Member of the M&N inspection team for the current IDIQ contract to perform routine bridge inspections throughout Louisiana, including 100 percent visual inspections in accordance with National Bridge Inspection Standards (NBIS) requirements. - Task 1, Gresham IDIQ Contract for In-Depth Bridge Inspection Statewide. Team member, tasked to perform an in-depth bridge inspection of the inside of a segmental concrete box girder in Boyce, LA. Steven helped set up to provide access to the site using man-lifts and fall protection techniques to prepare for the confined space inspection. 10801-01 - Task 4, Gresham IDIQ Contract for In-Depth Bridge Inspection Statewide. Team member/Team leader, tasked to perform an in-depth bridge inspection of movable bridges as part of a team including structure, mechanical, and electrical engineers. Steven was part of the report team to develop the in-depth inspection report and input into the LADOTD AssetWise bridge management program. 10801-04 - Task 5, Gresham IDIQ Contract for In-Depth Bridge Inspection Statewide. Team member tasked to perform an in-depth bridge inspection of the Vicksburg, Mississippi I-20 truss bridge over the Mississippi River. Steven used rope access techniques to access the underside of the deck elements along with supplementing UAS operations at the bridge site. Steven was part of the report team to develop the in-depth inspection report and input into the LADOTD AssetWise bridge management program. 10801-05

Firm employed by: Volkert, Inc.			
	Vincent Latino, PE <i>Assistant Project Manager</i>		Years of relevant experience with this employer 3
			Years of relevant experience with other employer(s) 30
	Degree(s) / Years / Specialization	BS 1992 Electrical Engineering	Year registered 1997
	Active registration number / state / expiration date	27164 LA 09/30/2027	Discipline Electrical
Contract role(s) / brief description of responsibilities: Mr. Latino will serve as Assistant Project Manager.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
Mr. Latino brings over three decades of distinguished service in public infrastructure management to his current endeavors. Following a career spanning 30 years with the Louisiana Department of Transportation and Development (DOTD), culminating in his role as Assistant Secretary of Operations, Vincent transitioned to a pivotal position as Assistant Chief Administrative Officer (Public Works) for the City/Parish of Baton Rouge in February 2023. In this influential capacity, reporting directly to the Chief Administrative Officer, Vincent directs a workforce of approximately 700 employees across various departments encompassing transportation and drainage, environmental management, development oversight, maintenance, building and grounds, fleet management, and public works administration.			
09/21 - Ongoing	1-10 Widening CMAR: LA 415 to Essen Lane, Baton Rouge, LA. Mr. Latino is serving as an assistant PM aiding in the distribution of comments and making sure resolution is reached. He works closely with Mr. Gordon Nelson and Mr. Steve Caruso. I-10 was improved through widening and reconstruction of the mainline from 3 to 4 lanes in each direction, including bridge replacement and rehabilitation, interchange and ramp modification, shoulder widening, and auxiliary lane(s) from LA 415 to Essen Lane on I-10 and I-12. The I-10 Corridor included two Phases. Phase I included the limits of W. of Washington St. to Essen Lane on I-10 and I-12, and Phase II included the limits of LA 415 to W. of Washington St. Phase I was constructed in Segments. The first Segment ("CMAR Segment 01") included the limits of W. of Washington St. to Perkins On/Off Ramps. Subsequent Phase I Segments were identified as design progress throughout Phase I design. Volkert performed CE&I services and acted as the project engineer on the project for the Louisiana DOTD. Phase I Segment I is being constructed under multiple Early Work Packages (EWPs). Mr. Latino is providing document control and project management support for this project.		
Prior to Joining Volkert	Assistant Chief Administrative Officer (Public Works), City/Parish of Baton Rouge. In his former role as Assistant Chief Administrative Officer (Public Works) for the City/Parish of Baton Rouge, Mr. Latino oversaw a comprehensive portfolio encompassing various crucial aspects of public infrastructure management. Reporting directly to the Chief Administrative Officer, Vincent directed and coordinated the operations of all public works departments within the City/Parish, leading a workforce of approximately 700 employees. His key responsibilities included supervising divisions responsible for transportation and drainage, environmental management, development oversight, maintenance of roads and bridges, building and grounds upkeep, fleet management, and administrative functions such as procurement, finance, and human resources. This multifaceted role involved ensuring the efficient functioning of essential services ranging from traffic engineering and waste management to sewer system maintenance and facility upkeep, thus contributing to the sustained development and well-being of the City/Parish of Baton Rouge.		
02/20 - 08/24	Assistant Secretary of Operations, LADOTD - Baton Rouge, LA. Assistant Secretary of Operations. In this role at the Louisiana Department of Transportation and Development (DOTD), Mr. Latino reported directly to the Secretary of DOTD and served as the operational leader over all nine DOTD District Administrators, the Chief Maintenance Engineer, and DOTD's Emergency Operations Section, directing approximately 3,300 of the department's 4,300 employees. His responsibilities spanned Operations, Maintenance, Construction, Permits, Bridge Inspection, Emergency Operations, and ITS, among others, encompassing budget, HR, and all other aspects of directing the department's Operations and Maintenance functions.		

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].
Prior to Joining Volkert 06/05 - 06/07	LADOTD Engineer 7 (Supervisor). Mr. Latino’s responsibilities included administering and managing statewide marine maintenance and ferry operations, engineering support services, and emergency management functions while overseeing multimillion-dollar budgets and large teams. He managed the Fleet Marine Maintenance Facility with a \$1.5 million operating budget, supervised 18 personnel, and directed a \$2.5 million capital outlay program for vessel drydocking and repairs. He also oversaw Marine Operations for multiple ferry landings with a \$3.2 million operating budget and 65 personnel. He supervised a multidisciplinary technical support unit providing statewide engineering solutions for electrical and mechanical systems, including field troubleshooting and the design and redesign of electrical controls and power systems for movable bridges, ferries, and related infrastructure. As ESF-3 Coordinator, he led emergency management planning and response for critical state assets, including debris management and coordination with FEMA and FHWA for reimbursement. He also managed statewide electrical and mechanical maintenance programs with a \$2–3 million capital outlay budget, developed contract specifications for movable bridge repairs and ferry drydocking, represented the Department as Project Engineer, and served on committees while acting as Section Head as needed.
Prior to Joining Volkert 10/00 - 06/22	LADOTD Engineer 6. Mr. Latino’s responsibilities included administering and managing the Fleet Marine Maintenance Facility and statewide electrical and mechanical engineering programs, overseeing multimillion-dollar budgets, personnel, and critical infrastructure systems. He managed a \$1.5 million operating budget, supervised 24 employees, and directed a \$2 million capital outlay program for the drydocking and repair of marine vessels statewide. He also administered comprehensive electrical and mechanical maintenance programs with an additional \$2 million capital outlay budget supporting repairs to structures and facilities across the state. Mr. Latino supervised a technical support unit providing statewide engineering assistance for complex electrical and mechanical issues, including hands-on field troubleshooting, and led the design and redesign of electrical controls and power systems for critical infrastructure, particularly movable bridges and ferries. He developed contract specifications for bridge repairs and ferry drydocking, established standards for electrical and diagnostic equipment procurement, and represented the Department as Project Engineer on key marine and electrical projects. Additionally, he served on departmental committees and acted as Section Head when required. In this role, Mr. Latino provided leadership over essential marine and infrastructure maintenance operations, ensuring the reliability, safety, and functionality of critical transportation assets. His work combined technical engineering expertise with program and personnel management to deliver efficient maintenance solutions and rapid response to operational challenges. Through his oversight of capital programs, engineering design improvements, and contract development, he supported the long-term performance and resilience of statewide facilities. His ability to step into Section Head responsibilities and contribute to departmental committees further demonstrated his leadership, adaptability, and commitment to organizational success.
Prior to Joining Volkert 09/98 - 10/00	LADOTD Engineer Supervisor. Mr. Latino’s responsibilities included administering and managing statewide electrical and mechanical engineering maintenance programs, overseeing approximately \$2 million in capital outlay for repairs to critical structures and facilities. He supervised a technical support unit providing statewide engineering assistance for complex electrical and mechanical issues, including hands-on field troubleshooting. He led the design and redesign of electrical controls and power systems for infrastructure statewide, with particular emphasis on movable bridges and ferry systems. He developed contract specifications for movable bridge repairs and ferry drydocking, as well as standards for electrical and diagnostic equipment procurement, and represented the Department as Project Engineer on marine and electrical projects. In addition, he served on departmental committees, contributing to policy and operational improvements.
Prior to Joining Volkert 06/92 - 09/98	LADOTD EIT through Engineer Advanced. Mr. Latino’s responsibilities included supervising electrical operations and providing statewide support to district offices, troubleshooting complex electrical issues to maintain critical facilities and structures. He led the design and redesign of electrical controls and power systems, with a focus on movable bridges and ferry systems. He developed contract specifications for movable bridge repairs and ferry drydocking, managed capital outlay and reimbursable projects, and processed project documentation. Mr. Latino also represented the Department as Project Engineer, prepared engineering reports, supported planning and budget analysis, and coordinated with agencies including the U.S. Coast Guard and DOTD Districts.

Firm employed by: Volkert, Inc.			
	Aaron Immel, PE, CBI, CTI, CFM <i>QA/QC Management</i>		Years of relevant experience with this employer 31
			Years of relevant experience with other employer(s) 0
	Degree(s) / Years / Specialization	BS 1994 Civil Engineering (emphasis on Structures)	Year registered 2000
	Active registration number / state / expiration date	29153 LA 03/31/2027	Discipline Civil
Contract role(s) / brief description of responsibilities: Mr. Immel will oversee QA/QC management.			
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. Immel has 31 years of structural engineering and NBIS bridge inspection experience, including for LADOTD, FDOT, TxDOT, TDOT, ODOT, SCDOT, MDOT, OSARC, ALDOT, NASA, and FHWA-EFLHD. His expertise includes the inspection of most bridge types including truss, post-tensioned box girder, and moveable bridges; element level bridge inspections; underwater inspections; the inspection of fatigue-prone details and fracture-critical members; load ratings; and all levels of scour evaluations. Mr. Immel has traveled around the country investigating and analyzing a broad variety of structural configurations. Since 2005, Mr. Immel has served as the Bridge Inspection Manager for the Gulf Region. He allocates appropriate personnel and resources to each location to facilitate prompt delivery of quality inspections and reports. Currently, he is responsible for the design and supervision of personnel in the completion of bridge inspection and structural engineering projects, including non-destructive evaluations, and scour evaluations.			
09/17 - Ongoing	Timber Bridge Inspection IDIQ Master Contract, for the Office of State Aid Road Construction (OSARC). Principal-in-Charge. Volkert is the prime consultant on this master agreement, which consists of performing NBIS safety inspections, performing load ratings, performing on-call repair inspections, and providing maintenance and repair recommendations on bridges with timber substructures and/or timber superstructures. For all bridges, a load rating was performed on the superstructure and substructure with posting and closure recommendations provided by the OSARC Critical Finding Process. The inspections were completed on schedule within the short time period provided, and the reports and load ratings were completed within the work assignment ending dates. Volkert has developed a good working relationship with the respective county engineers to keep them promptly informed of any critical issues that would require urgent attention by the counties.		
08/13 - Ongoing	Complex Bridge Inspection Consulting Engineering Contract, for the Office of State Aid Road Construction (OSARC). Principal-in-Charge. Volkert was the prime consultant on these contracts which consisted of performing NBIS inspections and load ratings on complex bridges with various superstructure types which include; simple steel girders, continuous steel plate girders, steel trusses, movable bridges, precast concrete spans, prestressed girders, reinforced concrete tee-beams, reinforced concrete slabs, timber stringers, and concrete culverts with numerous structures having fracture critical members. Also, AASHTO element level inspections were performed on bridges located on NHS routes. For each bridge inspected, Volkert developed a bridge inspection plan which outlined access method and equipment required, traffic control requirements, inspection time, inspection personnel requirements, and railroad permit requirements including contact information and permit acquisition procedure. The inspections were performed on schedule; and the reports and load ratings were completed within the contract ending dates.		

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].
07/05 - Ongoing SECTION 17 PROJECT	Nationwide Bridge Inspection Services for the Eastern Federal Lands Highway Division (EFLHD) of FHWA. Principal-in-Charge/Project Manager, Dive Team Leader and Underwater Inspector. Volkert has been selected for three consecutive cycles, beginning in 2005, by the EFLHD to provide NBIS and element level inspections for National Park Service (NPS) structures and other federal agencies. This is an IDIQ contract assigned by individual task orders to identify structural or functional deficiencies and make recommendations and cost estimates for repairs. These facilities include national parks, battlefields, monuments, historic sites, parkways, and other federal facilities. For each task order, Volkert is responsible for providing routine, interim, or initial inspections of structures including culverts, tunnels, retaining walls, and bridges comprised of concrete, masonry, timber, and steel – including the fracture critical and fatigue prone details.
08/20 - 08/23	FDOT District 6: District Wide In-Depth State Bridge Inspection. Principal-in-Charge/Project Manager. Volkert is currently inspecting an estimated total of 287 bridges for FDOT District 6. Our inspection staff provides routine inspection for fixed and movable bridges, post rehabilitation inspections, in-service inspections, post repair inspections, underwater inspections, fracture critical, gusset plates in trusses, interim inspections and emergency inspections. Portions of this inventory include 59 underwater Inspections; 15 mechanical and electrical; six concrete segmental and 24 fracture critical. All inspections are in accordance with national and state practices ensuring that all bridges are accurately load rated and posted, if necessary and properly maintained with no critical deficiencies.

Firm employed by: Volkert, Inc.			
	Lacy Love, PE (NC) Asset/Program Management		Years of relevant experience with this employer 14
			Years of relevant experience with other employer(s) 33
	Degree(s) / Years / Specialization	BS 1979 Civil Engineering	Year registered 1984
	Active registration number / state / expiration date	11944 NC 12/31/26	Discipline Civil
Contract role(s) / brief description of responsibilities: Mr. Love will help with the coordination and implementation of the asset management system.			
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).		
Lacy Love, PE brings 47 years of civil engineering experience, including 14 years with Volkert, to his role overseeing quality management. He is responsible for implementing and maintaining Volkert's Quality Management Plan across project teams, ensuring consistent application of quality assurance practices, technical standards, and continuous improvement processes. Lacy's background managing large-scale, multi-team field programs for NCDOT and local municipalities — including statewide bridge inspections, condition assessment surveys, and pavement programs — gives him a practical understanding of where quality risks emerge and how to address them early. He combines hands-on field experience with structured oversight to support reliable, accountable project delivery.			
04/23 - 05/26	NCDOT Maintenance Condition Assessment Survey; NCDOT Divisions 8 & 9, NC. Project Manager. As project manager, Lacy is responsible for overseeing maintenance condition assessment surveys in Divisions 8 and 9 in accordance with NCDOT's MCAP Procedures Manual. Surveys include assessing the condition of various highway assets across all counties within these two divisions.		
07/15 - 01/25	NCDOT Limited Services Agreement for NBIS Bridge Inspections & Load Ratings, Statewide, NC. Project Manager. Volkert has been successful in being awarded five previous limited services agreements for bridge inspections with NCDOT since 2006. As project manager, Lacy oversees the inspection of various structures throughout the state. Our teams document the condition and report the results using an electronic tablet within the department's WIGINS software program. Projects include the use of an underbridge inspection crane (snooper) with traffic control and boat work as needed.		
01/16 - 01/17	NCDOT Non-System Road Survey; NCDOT Divisions 8, 9, 10, & 11, NC. Project Manager. Lacy was the project manager and oversaw eight two-person teams to conduct evaluation of non-system roads in NCDOT Divisions 8, 9, 10, and 11. Services included capturing attribute data using a laptop or electronic tablet with routes displayed on an electronic map within the ArcPad software program. The collected data was uploaded to the department's server on a weekly basis.		
06/15 - 01/19	NCDOT Outdoor Advertising Program; Statewide, NC. Project Manager. Volkert is providing six regional ODA coordinators to assist NCDOT with the administration and management of the ODA program. The coordinators collect data using laptop computers, digital cameras, and GPS receivers. Volkert provides technical support for issuance, revocation, and cancellation of ODA permits; conducts field investigations; collects information on existing signs on new NHS MAP-21 routes and contacts sign companies to obtain permits; and coordinates with statewide ODA coordinator, district offices, right-of-way personnel, and roadside environmental representatives.		
04/15 - 02/16	NCDOT ADA Curb Cuts/Ramps Inventories; NCDOT Division 3 & Wake County, NC. Project Manager. Volkert conducted an inventory and condition assessment of ADA (Americans with Disabilities Act) curb cuts and wheel chair ramps at specific intersections. This project was an assigned task as a part of the Limited Services Agreement for State Maintenance Consultant Services and necessitated a quick deployment of personnel to the project location. Lacy served as the project manager for this project.		

Firm employed by: Volkert, Inc.			
	Britt Bumpers, PE, CBI, CTI Bridge Inspection & Reporting		Years of relevant experience with this employer 30
			Years of relevant experience with other employer(s) 0
	Degree(s) / Years / Specialization	BCE 1996 Civil Engineering	Year registered 2002
	Active registration number / state / expiration date	30046 LA 09/30/2026	Discipline Civil
Contract role(s) / brief description of responsibilities: Mr. Bumpers will perform bridge inspections as needed for this project.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time years of experience specified in the applicable MPR(s).		
Mr. Bumpers joined Volkert in 1996 as a Civil Engineer responsible for the design of roadway and bridge projects. His experience includes design services for bridge replacements, feasibility studies, traffic analysis, and capacity analysis. In 2015, he joined the Bridge Inspection Department and is responsible for assisting in performing topside bridge inspections, scour evaluations, review/development of the respective reports, and bridge load ratings.			
08/13 - Ongoing	Complex Bridge Inspection Consulting Engineering Contract, for the Office of State Aid Road Construction (OSARC). Principal-in-Charge. The project consists of NBIS inspections, scour evaluations, and load ratings of selected bridge sites. The bridges are owned and maintained by the various counties, cities, and towns throughout the state of Mississippi. These bridges include steel bridges with fracture critical members, specifically continuous plate girders, steel girders, railroad flat cars, and movable bridges. These bridges also include approach spans made of timber, precast concrete, or prestressed concrete beam spans. For each bridge inspected, Volkert developed a bridge inspection plan which outlined access method and equipment required, traffic control requirements, railroad permit requirements including contact information and permit acquisition procedures, and inspection time and personnel requirements.		
07/02 - Ongoing SECTION 17 PROJECT	Nationwide Bridge Inspection Services (Eastern Federal Lands Highway Division (EFLHD) of FHWA). Mr. Bumpers served as Team Leader/Tunnel Inspector and provided Load Rating Assessments. Volkert has been selected for three consecutive cycles, beginning in 2005, by the Eastern Federal Lands Highway Division (EFLHD) of the Federal Highway Administration (FHWA) to provide National Bridge Inspection Standard (NBIS) and element level inspections for structures owned by the National Park Service (NPS) and other federal agencies. This is an IDIQ, with a \$10M up-set limit over each 5-year cycle, assigned by individual task orders to identify structural or functional deficiencies, and make recommendations and cost estimates for repairs. For each task order, Volkert is responsible for providing routine, interim, or initial inspections of identified structures, then completing bridge and tunnel inspection reports. Under these contracts, Volkert has performed nearly 5,000 bridge inspections and over 900 load rating assessments in 45 states and Washington, DC including the entire length of the Blue Ridge Parkway and Natchez Trace Parkway.		
04/21 - 03/22	IDIQ Contract for Tunnel Inspections (LADOTD). Engineer & Bridge Inspector. This project consists of conducting in-depth tunnel inspections statewide and development of inspection reports and rehabilitation plans, as necessary. The inspections included the identification of anomalies or deficiencies at the tunnels that required immediate attention via visual and hands-on inspections of all structural components, non-destructive testing, visual inspections of mechanical and electrical components (ventilation/pumps etc.), and visual inspections of maintenance and preservation efforts. The team also developed tunnel inspection reports that highlighted necessary repairs and any replacements that need to be made at the sites. The report included condition states, element notes, pictures, and sketches of any noted deficiencies. Volkert is a subconsultant to Mott MacDonald providing inspection support services at all three tunnels. To date, Volkert has provided structural inspection assistance to Mott MacDonald at the Houma, Harvey, and Belle Chasse tunnels in southeastern Louisiana.		

Firm employed by: Volkert, Inc.					
	Robert Scheeler, PE, CBI, CTI <i>Bridge Inspection & Reporting</i>		Years of relevant experience with this employer	10	
			Years of relevant experience with other employer(s)		24
	Degree(s) / Years / Specialization	BS 1992 Civil Engineering	Year registered	2019	
	Active registration number / state / expiration date	43973 LA 03/31/2028	Discipline	Civil	
Contract role(s) / brief description of responsibilities: Mr. Scheeler will perform bridge inspections as needed for this project.					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time years of experience specified in the applicable MPR[s].				
Mr. Scheeler serves as a Project Manager and Team Leader for Volkert's Gulf Region in Mississippi. He has served as project manager for numerous bridge inspection projects and has performed hundreds of topside inspections. He brings over 34 years of experience managing construction projects and performing bridge inspections for bridges of all types including fracture critical structures. - NHI Safety Inspection of In- Services Bridges - NHI Tunnel Safety Inspection					
10/19 - Ongoing	Non-complex Load Ratings, for the Office of State Aid Road Construction (OSARC). Project Manager. Volkert is responsible for conducting load rating assessments using BrR on assigned bridges and coordinating with OSARC and the local owners to legally post deficient bridges. Volkert's staff is coordinating with the local owners, to assist them with repairs that the county or city maintenance crews may be able to perform and to ensure that the bridges with compromised load capacity are posted correctly.				
10/16 - Ongoing	Bridge Inspections at John C. Stennis Space Center in Mississippi, Syncom Space Services. Project Manager. Since 2016, Volkert has been contracted by Syncom Space Services (S3) to perform bridge inspection services for the structures located within the John C. Stennis Space Center (SSC) for the National Aeronautics and Space Administration (NASA). Volkert has conducted the biannual, element level inspections of the bridges and culverts including development of inspection plans and load rating analyses and detailed Level 1 scour assessments of each structure. In addition to the routine inspections, Volkert developed the movable bridge inspection plan for the routine and in-depth inspections of the double leaf bascule bridge, and performed the fracture critical, mechanical, and electrical inspections for the structure. In 2018 Volkert performed an inspection of the newly upgraded electrical system and conducted a Failure Mode & Effect Analysis (FMEA) of the bascule bridge and navigational lock which are vital for the transport of cryogenic propellants to the testing sites located on SSC.				

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].
07/14 - 01/19	Complex Bridge Inspection Consulting Engineering Contract, for the Office of State Aid Road Construction (OSARC). Project Manager. Volkert was the prime consultant on these contracts which consisted of performing NBIS inspections and load ratings on complex bridges with various superstructure types which include simple steel girders, continuous steel plate girders, steel trusses, movable bridges, precast concrete spans, prestressed girders, reinforced concrete tee-beams, reinforced concrete slabs, timber stringers, and concrete culverts with numerous structures having fracture critical members. Also, AASHTO element level inspections were performed on bridges located on NHS routes. For each bridge inspected, Volkert developed a bridge inspection plan which outlined access method and equipment required, traffic control requirements, inspection time, inspection personnel requirements, and railroad permit requirements including contact information and permit acquisition procedure. The inspections were performed on schedule; and the reports and load ratings were completed within the contract ending dates.
09/17 - 08/20	Timber Bridge Inspection IDIQ Master Contract, for the Office of State Aid Road Construction (OSARC). Project Manager. Volkert is the prime consultant on this master agreement, which consists of performing NBIS safety inspections, performing load ratings, performing on-call repair inspections, and providing maintenance and repair recommendations on bridges with timber substructures and/or timber superstructures. For all bridges, a load rating was performed on the superstructure and substructure with posting and closure recommendations provided by the OSARC Critical Finding Process. The inspections were completed on schedule within the short time period provided, and the reports and load ratings were completed within the work assignment ending dates. Volkert has developed a good working relationship with the respective county engineers to keep them promptly informed of any critical issues that would require urgent attention by the counties.

Firm employed by: Volkert, Inc.					
	Stephen Dossett, Jr., PE, CBI, CTI <i>Bridge Inspection & Reporting</i>		Years of relevant experience with this employer	11	
			Years of relevant experience with other employer(s)		8
	Degree(s) / Years / Specialization	BS 2008 Civil Engineering	Year registered	2013	
	Active registration number / state / expiration date	38365 LA 03/31/2027	Discipline	Civil	
Contract role(s) / brief description of responsibilities: Mr. Dossett will perform bridge inspections as needed for this project.					
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time years of experience specified in the applicable MPR(s).				
Mr. Dossett joined Volkert in 2013 and has over 19 years of experience. He assists in the completion of bridge inspections and conceptual plans for bridge improvement projects.					
09/17 – Ongoing	Timber Bridge Inspection IDIQ Master Contract, for the Office of State Aid Road Construction (OSARC). Project Manager. Volkert is the prime consultant on this master agreement, which consists of performing NBIS safety inspections, performing load ratings, performing on-call repair inspections, and providing maintenance and repair recommendations on bridges with timber substructures and/or timber superstructures. For all bridges, a load rating was performed on the superstructure and substructure with posting and closure recommendations provided by the OSARC Critical Finding Process. The inspections were completed on schedule within the short time period provided, and the reports and load ratings were completed within the work assignment ending dates. Volkert has developed a good working relationship with the respective county engineers to keep them promptly informed of any critical issues that would require urgent attention by the counties.				
07/05 – Ongoing SECTION 17 PROJECT	Nationwide Bridge Inspection Services for the Eastern Federal Lands Highway Division (EFLHD). Project Engineer/Bridge Inspector. Volkert has been selected since 2005 by the Eastern Federal Lands Highway Division (EFLHD) of the Federal Highway Administration (FHWA) to provide National Bridge Inspection Standard (NBIS) and Pontis element level inspections for structures owned by the National Park Service (NPS) and other federal agencies. These facilities include national parks, battlefields, monuments, historic sites, parkways, and other Federal facilities. This is an Indefinite Delivery Indefinite Quantity Contract (IDIQ), with a \$10 million up-set limit over each 5-year cycle, assigned by individual task orders to identify structural or functional deficiencies, and make recommendations and cost estimates for repairs. For each task order, Volkert is responsible for providing routine, interim, or initial inspections of structures including culverts, tunnels, retaining walls, and bridges comprised of concrete, masonry, timber, and steel – including the fracture critical and fatigue prone details. Once the field inspections are completed Volkert compiles the data, prepares bridge inspection reports, with all data related to the inspections and recommendations of necessary repairs, rehabilitation, or future inspections required, and submits them to the FHWA in the EFLHD's special inspection software format.				

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].
07/14 - 01/19	I-59/I-20 Bridge Rehabilitation for Alabama Department of Transportation (ALDOT). Project Manager. Volkert was contracted by the Alabama Department of Transportation (ALDOT) to provide engineering services and construction plans to reconstruct the I-20/I-59 interchange located in the Birmingham Business District. The existing bridge, constructed in the 1970s, extends from just east of the I-20/I-59 and I-65 interchange to US 31. I-20/I-59 serves to connect Birmingham with Tuscaloosa, Gadsden, Chattanooga, Atlanta and a number of other smaller cities and towns in the Southeast. I-20/I-59 is the only east-west interstate through the Birmingham CBD and is primarily an elevated six-lane divided highway (three-lanes in each direction) with minimal inside and outside shoulder widths through the 3.5-mile area.
2013 - 2016	Multiple Cycles of the Local Government Bridge Inspection Program for the Florida Department of Transportation (FDOT), District Three. QA Manager/Project Engineer. This local government bridge inspection project includes bridge inspection services of approximately 900 locally owned bridges in District Three including city-owned bridges in Tallahassee, Panama City, and numerous other cities in the Florida panhandle. Under the contract, Volkert is responsible for identifying all deficiencies as well as determining and recording the structural condition of each bridge based on PONTIS element-level condition criteria. As a part of the inspection, the main structural elements are given an NBI rating; and a detailed report, including photographs and deficiency sketches.

Firm employed by: Volkert, Inc.				
	Parker Scheuermann, EI <i>HQ & District Interviews / Manual Data Selection</i>		Years of relevant experience with this employer	6
			Years of relevant experience with other employer(s)	0
	Degree(s) / Years / Specialization	BS 2020 Civil Engineering	Year registered	2020
	Active registration number / state / expiration date	EI 34581 LA 03/31/27	Discipline	Civil
Contract role(s) / brief description of responsibilities: Mr. Scheuermann will provide roadway design services.				
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. Scheuermann joined Volkert in 2020 after earning his degree in Civil Engineering. He provides civil engineering support on a variety of projects including document control.				
04/23 - Ongoing	LA 73 at LA 74 Roundabout. Mr. Scheuermann serves as Project Intern. Ascension Parish Government selected Volkert to study and design a roundabout to replace the signalized intersection at LA 73 and LA 74, as part of a broader initiative to construct roundabouts parish-wide. Work involved collecting and analyzing 48-hour traffic counts to identify AM and PM peaks, followed by turning movement counts at key approaches. Results were summarized in an appendix. Volkert also prepared a traffic report, topographic survey, geotechnical investigation, preliminary/final plans for the roundabout and drainage, and right-of-way maps. The traffic report covered crash data, vehicle volumes, speed studies, Sidra and AutoTURN analyses, area impact, and a conceptual design. Upon completion, Volkert proceeded with roadway, lighting, and drainage design.			
2021 - Ongoing	Filmore D Mithra St. (New Orleans DPW). Mr. Scheuermann serves as Project Intern. He designed the road geometry and profile and created the cross sections using Civil3D. He determined the location of inlets and tested the entire drainage system using HYDRWIN 2009 and imputed the inlet and pipe locations in the plan & profile. Also, Mr. Scheuermann created the permanent striping plans as well as the proposed joint layout.			
2020 - Ongoing	Filmore C (New Orleans DPW). Mr. Scheuermann serves as Project Intern back checking drainage quantities and drainage structure types. He also assisted in plan sheet markups according to comments from the N.O. DPW and N.O. SWB. This was part of a road recovery initiative to fix the streets around the Filmore neighborhood. The project involved overlay and full depth repairs of the road, new drainage lines and water lines, and replacement of existing curb.			
2020 - Ongoing	Filmore Quad 2 Citywide Survey and Scope (New Orleans DPW). Mr. Scheuermann serves as Project Intern helping with the construction administration of the Filmore A road recovery project. The project involved overlay and full depth repairs of the road, new drainage lines and water lines, and replacement of existing curb. He helped back-check the construction as built quantities submitted by the contractor, Hard Rock Construction, LLC. He also assisted in the creation of the final as-builts plan sheets.			
2019 - 2024	Plank Road Realignment for the Baton Rouge Metropolitan Airport. Mr. Scheuermann served as Project Intern making weekly visits for this 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 LA DOTD. Volkert is also providing coordination between sub-consultants, the airport, FAA, and LADOTD.			

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].
2021 - 2024	Crooked Creek (ARDOT) - Mr. Scheuermann served as Project Intern. He designed the alignment, road geometry, typical sections, profile, and cross sections using Inroads v8i. Assisted in the plan preparation.
01/21 - 01/22	Montz Priority 3 Drainage Improvements. Mr. Scheuermann served as Project Intern. He assisted in the preliminary design of drainage enhancements for the St. Charles Parish Council. He consulted Tri State Trenchless, LLC. to determine if the proposed design could be achieved through jack and boring, and to get an estimate on how much the work would cost. He also coordinated with KCS railroad officials to determine if work was being done near the jobsite. This project involved adding a new canal near Evangeline Road between Airline Highway and the KCS Railroad, removing crushed CMP pipes under the railroad, and jack and boring additional pipes to assist with drainage.
12/19 - 11/21	CAPEX North (TxDOT) - Mr. Scheuermann served as Project Intern. He set the extents of the retaining walls, designed their profiles, and helped update the models and the corridors using Geopak. Coordinated with the other disciplines and subs to ensure our retaining wall design met all the drainage needs, bridge clearance requirements, and traffic control plan. Also, assisted in the plan preparation as well as cost estimate updates through Connect.
10/16 - 07/21	(New Orleans SWB) Demo Basins C7 & C8. Mr. Scheuermann served as Project Intern helping to make markups to plan sheets according to comments from N.O. SWB and the contractor in the field.
08/17 - 10/20	I-10: Highland Road to LA 73 Design-Build, East Baton Rouge and Ascension Parishes, LA (LA DOTD) Mr. Scheuermann served as Project intern and assisted in the Document Control 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 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. State Contract No. 4400004915 TO 3 & 4, S.P. No. H.009250.
06/15 - 01/20	I-10 (Williams Boulevard to Veterans Memorial Boulevard), and Loyola Drive to Williams Boulevard in Jefferson Parish, Louisiana for the Louisiana Department of Transportation and Development (LADOTD), c/o GEC, Inc. Mr. Scheuermann served as Project Intern. He helped with redesign of Diversion Sequence of Construction sheets for this project. This project involved the design of a new subsurface drainage system. It has approximately six major crossings that outfall into Canal No. 3, which parallels the interstate in this area. These drainage systems not only serve as the roadway drainage, but they also drain large segments of residential areas of Jefferson Parish that are located to the north of I-10. This approach required careful coordination with Jefferson Parish and the LA DOTD to ensure that all water elevations and drainage assumptions used were accurate and that the completed design met all required design criteria.
10/15 - 08/20	MacArthur Interchange Completion, Phase II, Louisiana for the Louisiana Department of Transportation and Development (LADOTD), c/o SDR Engineering Consultants, Inc. Mr. Scheuermann served as Project Intern. He assisted in the design for the permanent signing and pavement 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.
05/18 - 11/19	Roundabout at Highway 929 and Highway 930 for Ascension Parish. Mr. Scheuermann served as Project Intern computing quantities for the Move Ascension program Volkert was assigned a task order to develop plans for a Roundabout Highway 929 and Highway 930, Prairieville, LA. The roundabout will replace the existing stop-controlled intersection and consists of a single lane asphalt roundabout. The roundabout will be designed through SIDRA, AASHTO, and Louisiana DOTD standards.

Firm employed by: Volkert, Inc.			
	Kylie Colvin, EI <i>HQ & District Interviews / Manual Data Selection</i>		Years of relevant experience with this employer 2
			Years of relevant experience with other employer(s) 0
	Degree(s) / Years / Specialization	BS 2024 Civil Engineering	Year registered 2025
	Active registration number / state / expiration date	EI 36014 LA 09/30/2027	Discipline Civil
Contract role(s) / brief description of responsibilities: Ms. Colvin will provide roadway design services.			
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).		
Ms. Colvin joined Volkert in 2024 after earning her degree in Civil Engineering. She provides civil engineering support on a variety of projects.			
09/25 - Ongoing	Bridge Bundle 2, Office of Louisiana Highway Construction, Union, Lincoln, and Jackson Parishes, LA. Ms. Colvin serves as an Engineer Intern. Volkert designed nine bridge replacements across northern Louisiana, delivering full scope engineering services including survey, permitting, hydraulic and geotechnical analysis, detour and structural design, and final plan development. Volkert completed the accelerated design in under four months for a project that typically spans 12 months or more, with construction planned for 2026.		
09/24 - 12/24	Shreveport Pavement Improvements Project (C24001). Ms. Colvin served as Engineer intern. She supported the engineering team in delivering technical services for the 2024 Capital Street Improvements Project in the City of Shreveport. Ms. Colvin ensured accurate technical data collection, coordination, and application throughout the project phases, including surveys, design, and construction support. Ms. Colvin assisted in gathering field data through site surveys, geotechnical assessments, and utility mapping in collaboration with geotechnical and survey teams. She operated and maintained testing equipment and documented site conditions using drawings, photographs, and reports to aid in evaluating existing infrastructure. She supported the engineering team in preparing preliminary designs, including the creation of AutoCAD drawings, specifications, and layout based on field data, and assisted in developing technical criteria, sketches, and designs for road improvements, ensuring compliance with standards and regulations while performing calculations for material volume estimates.		
11/23 - 12/24	Bossier Parish Police Jury GIS. Ms. Colvin served as Engineer Intern for this project. The project involved the reconstruction and/or repair of 51 existing residential streets in Bossier Parish which were damaged by the 2016 flood event and consisted of approximately 40 miles in length. Volkert was responsible for the design, bidding, and award of the project.		
07/23 - 09/23	St. Charles Parish – Engineers Canal Pump Station. Ms. Colvin served as Engineer intern. The goal of the project is to upgrade an existing pump station to at least 250 cfs from the existing 150 cfs pumping capacity. The project is being funded through the CMAR process allowing for an alternative delivery of the project. The Parish has a contractor on board as well as an independent cost estimator to assist with reviewing the project at 30, 60 & 90% prior to the final design plans. Volkert's role is lead designer and assisting with the CMAR process.		

Firm employed by: Volkert, Inc.				
	Ben Robins, EI <i>HQ & District Interviews / Manual Data Selection</i>		Years of relevant experience with this employer	1
			Years of relevant experience with other employer(s)	4
	Degree(s) / Years / Specialization	BS 2020 Civil Engineering	Year registered	2026
	Active registration number / state / expiration date	EI 36397 LA 09/30/26	Discipline	Civil
Contract role(s) / brief description of responsibilities: Mr. Robins will provide engineering services for this project.				
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time years of experience specified in the applicable MPR(s).			
Mr. Robins joined Volkert in 2025 as an Engineer Intern. Benjamin Robins is a civil engineering professional with experience in roadway design, lighting systems, and infrastructure projects for clients such as FDOT and Florida's Turnpike. As an Engineer Intern at American Consulting Professionals (now Consor), he contributed to lighting design, traffic control, and plan production using MicroStation, OpenRoads Designer, and Agi32. Benjamin holds a B.S. in Civil Engineering from Louisiana Tech University and is certified as an Engineer Intern in Florida. He is known for his technical proficiency and strong communication skills.				
07/20 - 03/25	American Consulting Professionals (acquired by Consor). Engineer Intern. In this role, Mr. Robins was responsible for developing roadway, lighting, and signing and pavement marking plans in accordance with design standards and specifications. He worked closely with multidisciplinary teams to ensure quality control and assisted project managers with client-facing deliverables and proposals. His work included photometric analysis and lighting design for highways, intersections, and bridge underdecks, as well as roadway design tasks such as typical sections, cross sections, and horizontal geometry.			
2019	American Consulting Professionals. College Intern. Mr. Robins supported design teams in producing plan sets and participating in the quality assurance process.			
2018	Bossier Parish Police Jury. College Intern. Mr. Robins prepared FEMA reimbursement documentation that resulted in \$80,000 in secured disaster relief funds and gained field experience by shadowing engineers, construction inspectors, and wastewater operations staff.			

Firm employed by: Volkert, Inc.					
	Jacob Parker, PE <i>Project Manager</i>		Years of relevant experience with this employer		8
			Years of relevant experience with other employer(s)		17
	Degree(s) / Years / Specialization	BS 1998 Civil Engineering	Year registered		2003
	Active registration number / state / expiration date	30596 LA 09/30/2027	Discipline		Civil
					
Contract role(s) / brief description of responsibilities: Mr. Parker will lead and provide bridge design services for this contract. Mr. Parker fulfills Minimum Personnel Requirement No. 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. Parker has over 25 years of structural engineering experience including the design of prestressed concrete bridge design with spans up to 150 feet and in the design of geometrically challenging and complex bridges, such as curved, super-elevated, skewed piers, and movable spans. He also has experience with structural analysis, reinforced concrete design, prestressed concrete design, wood and timber design, advanced mechanics of materials, finite element analysis, shallow foundations, inland waterways, and engineering for natural hazards. Mr. Parker also has the following training: LRFD Training (Seismic Design/Movable, etc.), LEAP Bridge, STAAD, MDX, WinSEISAB, CONSEC, Response 2000, AASHTO GM-2.1, Virtis, Retain Pro, PCA Column, MATHCAD, Smath, Microstation, AutoCAD & AutoCAD 3D.					
09/25 - Ongoing	Bridge Bundle 2, Office of Louisiana Highway Construction, Union, Lincoln, and Jackson Parishes, LA. Mr. Parker serves as Project Manager. Volkert is designing nine bridge replacements across northern Louisiana and is delivering full-scope engineering services, including survey, permitting, hydraulic and geotechnical analysis, detour and structural design, and final plan development. Volkert is completing the accelerated design in under four months for a project that typically spans 12 months or more, with construction planned for 2026.				
11/23 - Ongoing	IH 35, Capital Express North, TxDOT, Travis County, TX. Mr. Parker served as Project Engineer. Volkert is providing services for this \$607M reconstruction project, which will improve operational efficiency by relocating ramps and adding one managed lane in each direction on IH 35, capacity to the frontage roads, and a shared-use path. The interchange at Wells Branch Pkwy will be converted into a diverting diamond interchange (DDI), and the new shared-use path will improve bicycle and pedestrian accommodations along IH 35 frontage roads and at east/west crossings.				
09/22 - Ongoing SECTION 17 PROJECT	District 04 IJA Off-System Bridge Program. Mr. Parker serves as Project Engineer. Volkert was selected to assist LADOTD with the IJA Off-System Bridge Program in District 04, encompassing Bossier, Caddo, Red River, Bienville, Claiborne, DeSoto, and Webster Parishes. Volkert evaluated qualifying bridge sites and developed a screening matrix addressing environmental, cultural, historic, navigational, utility, and permitting considerations. The team coordinated with each parish to prioritize projects within the program's five-year funding schedule and budget. Nine bridges were selected for design and replacement to maximize available funding. Volkert is providing site evaluations, hydraulic analyses, drainage recommendations, and bridge design in accordance with LADOTD's Off-System Bridge Replacement and Rehabilitation Program guidelines.				
09/21 - Ongoing	Evangeline Road at CN Railroad Box Culvert Projects, St. Charles Parish, LA. Mr. Parker served as Engineer of Record for the precast box culverts installed beneath Evangeline Road at the CN Railroad crossing. He designed the culverts in accordance with ASTM C1577 and developed an innovative approach that repurposed the temporary sheet-pile shoring as permanent wingwalls, with flowable fill used as structural backfill. This solution reduced excavation and eliminated the need for cast-in-place concrete headwalls and compacted backfill within the railroad right-of-way. The project supported St. Charles Parish's proposed master drainage plan.				

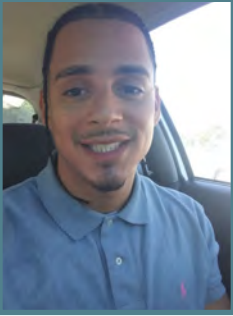
Firm employed by: Volkert, Inc.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time years of experience specified in the applicable MPR(s).].
09/21 - 11/24	Hawthorne Hollow Bridge Replacement, St. Tammany Parish, LA. Mr. Parker served as Project Engineer. Volkert was contracted by St. Tammany Parish Government to develop preliminary and final construction plans and bid documents for replacement of the bridge at Hawthorne Hollow Drive. Services included survey and geotechnical coordination, hydraulic modeling, drainage analysis and improvement recommendations, box culvert design, wetland delineation and permitting, bridge rating, bidding support, construction administration, and inspection. Volkert also reviewed all plans and supporting analyses for design concept, constructability, and accuracy.
01/22 - 01/23	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 for the demolition and reconstruction of the remaining original wharves at the Arabi Terminal. The new wharves included cast-in-place concrete decks on precast girders and caps supported by large-diameter steel pipe piles, designed for loads of 750 to 1,000 psf or fully loaded forklifts. Precast, prestressed concrete box edge beams and pile bents resisted vessel berthing and mooring loads. A two-level fender system accommodated large vessels and barges while protecting the structure from impact. At-grade wharf sections featured timber-pile-supported concrete slabs designed for 1,000 psf or forklift loads. The design complied with applicable UFC, IBC, ACI, and ASCE marine facility standards.
05/19 - 12/21	I-220/I-20 Interchange Improvements to BAFB Access Design-Build, Bossier Parish, LA (LADOTD). Mr. Parker was responsible for assisting with the bridge design review for Volkert’s team. The I-220/I-20 Interchange Improvement and BAFB Access project in Bossier Parish extended I-220 south over I-20 as a limited-access, four-lane arterial to a new terminus on Barksdale Air Force Base (BAFB). The project included construction of four interchange ramps to provide connectivity for the new access road, as well as two sets of bridge structures: one over I-20 and one over the KCS Railroad. The project terminus tied into a BAFB roadway project, creating a new access point for the base. State Contract No. 4400016173, S.P. No. H.003370.6.
09/18 - 12/20	Causeway Shoulder Bay Improvements, Jefferson Parish, LA (Greater New Orleans Expressway Commission). Mr. Parker’s 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, long-awaited shoulder additions. The bridge shoulders, which comprised 12 shoulder bays, provided safe pull-off areas for disabled vehicles outside active traffic lanes and increased safety for motorists and emergency personnel during crash events. The project was delivered 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. Parker served as Review Engineer for the OVT 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 including construction of a new six-lane I-10 overpass at Highland Road. State Contract No. 4400004915 TO 4, S.P. No. H.009250.
06/18 - 06/19	I-10 (Williams Boulevard to Veterans Memorial Boulevard), and Loyola Drive to Williams Boulevard in Jefferson Parish, Louisiana for the Louisiana Department of Transportation and Development (DOTD), c/o GEC, Inc. Mr. Parker served as Project Manager for this project. This project involved the design of a new subsurface drainage system. It has approximately six major crossings that outfall into Canal No. 3, which parallels the interstate in this area. These drainage systems not only serve as the roadway drainage, but they also drain large segments of residential areas of Jefferson Parish that are located to the north of I-10. This approach required careful coordination with Jefferson Parish and the DOTD to ensure that all water elevations and drainage assumptions used were accurate and that the completed design met all required design criteria.

Firm employed by: Volkert, Inc.			
	Artur D'Andrea, PE Bridge Design		Years of relevant experience with this employer 3
			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	20561 LA 09/30/2026	Discipline Civil
Contract role(s) / brief description of responsibilities: Mr. D'Andrea will provide bridge design services.			
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. 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.			
09/25 - Ongoing	Bridge Bundle 2, Office of Louisiana Highway Construction, Union, Lincoln, and Jackson Parishes, LA. Mr. D'Andrea provides QC and design review services. Volkert designed nine bridge replacements across northern Louisiana, delivering full scope engineering services including survey, permitting, hydraulic and geotechnical analysis, detour and structural design, and final plan development. Volkert completed the accelerated design in under four months for a project that typically spans 12 months or more, with construction planned for 2026.		
04/23 - Ongoing SECTION 17 PROJECT	District 04 IJA 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. 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.		
Prior to Volkert	Louisiana Department of Transportation and 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. Manage 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.				
	Ahmed Rageh, PhD, PE Bridge Design		Years of relevant experience with this employer	3
			Years of relevant experience with other employer(s)	16
	Degree(s) / Years / Specialization	PhD 2020 Civil Engineering MS 2018 Civil Engineering, Structures MS 2012 Civil Engineering BS 2006 Civil Engineering	Year registered	2023
	Active registration number / state / expiration date	47953 LA 09/30/2027	Discipline	Civil
Contract role(s) / brief description of responsibilities: Dr. Rageh will provide bridge design services.				
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).			
Dr. Rageh has 19 years of experience in structural engineering, with a special emphasis on the design and behavior of steel structures and bridges. He has participated in the design and detailing of steel and post-tensioned bridges, as well as the design, detailing, and construction supervision of steel structures. He has in-depth knowledge of several national and international design codes, including AASHTO, ACI, AISC, and PCI. Dr. Rageh's certifications include Bridge Inspector Team Leader, having passed FHWA-NHI-130055 Safety Inspection of In-Service Bridges.				
09/25 - Ongoing	Bridge Bundle 2, Office of Louisiana Highway Construction, Union, Lincoln, and Jackson Parishes, LA. Dr. Rageh serves as Project Engineer. Volkert is designing nine bridge replacements across northern Louisiana and is delivering full-scope engineering services, including survey, permitting, hydraulic and geotechnical analysis, detour and structural design, and final plan development. Volkert is completing the accelerated design in under four months for a project that typically spans 12 months or more, with construction planned for 2026.			
06/23 - Ongoing	IH 10 at US 69 Highway Bridge, TXDOT, Jefferson, TX. Dr. Rageh serves as Structural Engineer. This project involves the US 69 Highway Bridge, which is composed of prestressed concrete spans as well as composite steel girder spans. The steel spans eight, nine, and ten are supported over integral steel straddle bents spanning 150 feet. Dr. Rageh's responsibilities include performing 3D finite element analyses of steel spans eight to 10 to evaluate straddle bents stresses; performing nonlinear-plastic analyses to ensure the redundancy of the straddle bents; designing/detailing main span steel girders connections with integral straddle bents; and performing QAQC reviews of the steel straddle bents design.			
05/23 - 06/23	Rehabilitation of I-10 Bridge over Mississippi River, DOTD, Baton Rouge, LA. Dr. Rageh serves as Project Manager. The project involved the rehabilitation of the steel spans of the I-10 bridge, which were deteriorating and had localized cracking over the supports. The scope included reviewing as-built plans, performing site visits and field verification inspections of deteriorated areas, performing 3D finite element analyses to determine the cause of cracking, and providing repair recommendations. Dr. Rageh's responsibilities included leading the field verification inspection; leading and performing 3D finite element analyses with shell elements; leading report preparation; proposing repair details; and reviewing repair plans prepared by junior engineers.			
04/23 - Ongoing SECTION 17 PROJECT	District 04 IJA Off-System Bridge Program, LADOTD. Dr. Rageh serves as Project Engineer. Volkert has been selected to assist LADOTD in identifying eligible bridge structures for replacement, design, and construction under the Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program. Volkert is performing hydraulic analysis and bridge design services. Volkert will evaluate each site, recommend the appropriate drainage alternative and dimensions, and perform the hydraulic design of each drainage structure in accordance with the LADOTD Hydraulic Design Guidelines for the Off-System Bridge Replacement and Rehabilitation Program Manual.			

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].
08/22 - 05/23	Load Rating of 114 Bridges, LADOTD. Dr. Rageh serves as Structural Engineer. The project involved the load rating of 114 existing bridge structures using the Load and Resistance Factor Rating (LRFR) method. Bridge types included prestressed concrete girder bridges, steel girder bridges, precast and cast-in-place slab bridges, and swing bridges. Three-dimensional finite element modeling was used as needed for complex bridges. Dr. Rageh's responsibilities included performing load ratings for prestressed concrete box girder bridges; leading other team members in rating prestressed concrete and multi-steel beam segments; developing the rating methodology; performing analyses; and developing a Mathcad file to rate inverted-T caps using the Strut-and-Tie model.
05/22 - 02/23	Load Testing and Evaluation of 19 Bridges, LADOTD. Dr. Rageh served as Structural Engineer. The project scope included evaluating 19 bridge structures posted for loads below legal loads and/or Special Hauling Vehicles. The evaluation was performed using load rating analysis and load testing, coupled with detailed 3D finite element analysis, with the goal of removing current load postings. Dr. Rageh's responsibilities included performing QA/QC reviews of analyses and the final report prepared by other team members.
02/22 - 08/22	Venetian Causeway Bridge, FL, FDOT. Dr. Rageh served as an Independent Peer Reviewer. The scope of work included evaluating arched concrete bridge segments posted for loads below legal loads and/or Special Hauling Vehicles. The evaluation was performed using load rating analysis and load testing, coupled with detailed 3D finite element analysis, with the goal of removing current load postings. Dr. Rageh's responsibilities included performing finite element analysis, developing the instrumentation plan, reviewing and validating diagnostic load testing results, and preparing final reports and summaries of results.
07/21 - 03/22	Hard Rock Stadium Pedestrian Bridge, City of Miami Gardens, FL. Dr. Rageh served as an Independent Peer Reviewer. This project involved the Hard Rock Stadium Pedestrian Bridge, a single-span, prefabricated truss-type bridge crossing over Turnpike Access Road with a total length of 207 feet. The scope of work included performing an Independent Peer Review (IPR) of the bridge design to confirm that the structure could support the original design loads, as well as additional loads from new signs mounted to the bridge, in accordance with the FDOT Design Manual (FDM). Dr. Rageh's responsibilities included performing structural analysis and independent design checks of the truss members and connections.
05/21 - 09/22	MacArthur Interchange Phase II, LADOTD. Dr. Rageh served as an Independent Peer Reviewer and QA/QC. This project involved two new on- and off-ramp connections between the eastbound elevated West Bank Expressway (US 90-Z) and Frontage Road, demolition of the existing off-ramp, and widening of the US 90-Z bridge structure to accommodate the new ramps. Dr. Rageh's responsibilities included performing analysis and design of overhead sign structures, performing quality control for deck designs developed by intern engineers, performing quality control for Strut-and-Tie analyses of critical substructure elements, and leading intern engineers in calculating riser, pier cap, and bent elevations.
09/20 - 02/21	Load Rating of 396 Bridges, LADOTD. Dr. Rageh served as an Independent Peer Reviewer. This project involved load rating 396 off-system bridge structures using LRFR. Bridge types included prestressed concrete girder bridges, steel girder bridges, precast and cast-in-place slab bridges, concrete culverts, swing bridges, and timber bridges. Three-dimensional finite element modeling was used as needed for complex bridges. Dr. Rageh's responsibilities included performing load ratings for cast-in-place concrete culverts and performing QA/QC reviews of cast-in-place concrete culverts rated by other team members.
08/15 - 05/20	Bridge and Laboratory Testing, Union Pacific, Nebraska Department of Roads and Louisiana Transportation Research Center (LTRC). Dr. Rageh performed hands-on bridge testing and monitoring while completing his PhD. He was responsible for full-scale live load field and laboratory testing as well as structural health monitoring. He also performed full-scale testing for railway and roadway bridges with steel and concrete main carrying systems. The field work activities included preparing instrumentation plans, sensor installation, data collection, and deploying longterm monitoring system. The office work activities included collected data processing and developing calibrated 3D finite element models.

Firm employed by: Volkert, Inc.			
	Mario Rubio <i>Bridge Design</i>		Years of relevant experience with this employer 2
			Years of relevant experience with other employer(s) 2
	Degree(s) / Years / Specialization	BS 2024 Civil Engineering	Year registered N/A
	Active registration number / state / expiration date	N/A	Discipline N/A
Contract role(s) / brief description of responsibilities: Mr. Rubio will assist with Bridge Design services.			
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. Mario Rubio is a civil and structural engineering professional serving as a CAD Designer with Volkert. In this capacity, he applies his technical expertise in AutoCAD Civil 3D and Revit to produce detailed design and construction documentation. His work focuses on generating precise plan sets for both bidding and active construction projects, including one-line designs and complex alignments for Plan and Profile sheets. Mr. Rubio collaborates closely with project managers and design engineers to resolve design discrepancies, ensure drawing accuracy, and support the timely delivery of high-quality submittals. Known for his strong attention to detail, problem-solving acumen, and bilingual communication skills, Mr. Rubio contributes to the success of Volkert’s engineering initiatives through both technical proficiency and teamwork.			
11/24 - Ongoing	CapEx, TxDOT. Technician. Mr. Rubio is performing technician services for the Texas Department of Transportation and City of Austin on the I-35 Capital Express Central (CapEx) project that is in the central region of the Austin metropolitan area for approximately 8 miles along IH 35 between US 290 East and SH 71/Ben White Boulevard.		
11/24 - Ongoing	LA 73 @ Cornerview, Ascension Parish, LA. Technician. Mr. Rubio is performing technician services. This project, part of the Move Ascension initiative, replaces a 4-way stop-controlled intersection at LA 73 at Cornerview Road Roundabout with a roundabout to improve traffic flow through the intersection. The proposed project is a traffic study for the intersection of LA 73 at Cornerview Road Roundabout and then the design of a roundabout at this location in Gonzales, Louisiana. The purpose of the study was to evaluate potential traffic control at this intersection. The study evaluated the 2020 existing and 2023 Build year, and 2043 design year No Build and Build scenarios for the AM and PM peak hours. A report was developed that provided a capacity analysis, determining if operational or safety improvements could be made and developed alternatives which addressed deficiencies found in the project area.		
11/24 - Ongoing	IMR Highland Road to LA 73, East Baton Rouge, LA. Technician. Mr. Rubio is performing technician services. 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 to minimize queuing on to the interstate.		
11/24 - Ongoing	St. Tammany Traffic Assistance, St. Tammany Parish, LA. Technician. Mr. Rubio is performing technician services. St. Tammany Parish has recognized a growing speeding issue throughout the parish and has contracted Volkert to aid the St. Tammany Engineering department in developing traffic calming countermeasures for various roadways around the parish that have been submitted by residents.		

Firm employed by: Volkert, Inc.			
	Jonathan Gambino, PE, PTOE, RSP1 <i>Traffic Design</i>		Years of relevant experience with this employer 6
			Years of relevant experience with other employer(s) 7
	Degree(s) / Years / Specialization	BS 2012 Civil Engineering	Year registered 2017
	Active registration number / state / expiration date	41496 LA 09/30/2027	Discipline Civil
Contract role(s) / brief description of responsibilities: Mr. Gambino will provide traffic engineering services.			
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. Gambino joined Volkert in 2020 and has 13 years of experience developing civil and traffic engineering plans, specifications, and studies. This includes identifying and adhering to applicable state policies and procedures for project plan development. His experience includes the use of MicroStation, InRoads, AASHTOWare Project, VISSIM, Vistro, Synchro plus SimTraffic, Sidra Intersection, 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)			
07/21 - Ongoing	IMR Highland Road to LA 73, East Baton Rouge and Ascension Parishes, DOTD Mr. Gambino serves as Traffic Engineer for this project. 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 to minimize queuing onto the interstate. Mr. Gambino is 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 at the Interchange at I-10 and LA 42 in both the interim and long-term stages.		
2017 - 2021	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) Mr. Gambino served as Traffic Engineer 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.		

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 served 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 (DOTD) Mr. Gambino served 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 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 DOTD.
09/20 - 09/21 SECTION 17 PROJECT	Oak Harbor Bridge Repair for DOTD Mr. Gambino performed traffic control services. 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 as an in-place repair for any damaged prestressed girders as a result of the accident. Volkert followed the processes and procedures required by DOTD to authorize the in-place repair. As a subconsultant to Kort, Volkert reviewed as-built 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.				
	Angelo "Trey" Pecoraro, EI Traffic Design		Years of relevant experience with this employer	3
			Years of relevant experience with other employer(s)	1
	Degree(s) / Years / Specialization	B.S., Civil Engineering, 2022	Year registered	2022
	Active registration number / state / expiration date	35212 LA EI 03/31/2027	Discipline	Civil
Contract role(s) / brief description of responsibilities: Trey Pecoraro, EI will provide traffic engineering and design services.				
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. Pecoraro serves as an Engineering Intern for Volkert's New Orleans practice and has 4 years of experience in both construction and design for several projects in Louisiana. Trey Pecoraro, EI will oversee inspections for the Storm Water Pollution Prevention Plan (SWPPP) per permit requirements and project-specific guidelines. EPSC certified, he has experience in erosion control inspections on LADOTD projects and in reviewing designs that incorporate stormwater management best practices. He will attend necessary meetings, including pre-construction, weekly project, and SWPPP-specific meetings. Certifications include: EPSC Certification, 152992; LADEQ Stormwater Training; BMPs in Stormwater Pollution Prevention Planning & Development; Construction Stormwater; Storm Water General Permits - Alexandria; Stormwater Construction General Permits; Stormwater Pollution Prevention Plans				
09/23 - Ongoing	LA 23: Belle Chasse Bridge and Tunnel (HBI) Improvements, Plaquemines Parish (LADOTD) Mr. Pecoraro reviewed contractor supplied SWPPP reports for the Owner Verification Team on 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. He is responsible for the Owner Verification Team's (OVTs) construction services and oversight related to the construction process on the PPP project. State Contract No. 4400018899.			
07/21 - Ongoing	IMR Highland Road to LA 73, East Baton Rouge and Ascension Parishes, DOTD Mr. Pecoraro serves as Engineer Intern for the I-10 Highland Interstate Modification Report (IMR), which analyzed the roadway network surrounding the LA 42 (Highland Road) interchange at I-10. Responsibilities included data collection—7-day volume and classification counts, speed and travel time studies, field observations, and crash analysis—across five corridors and ten intersections. This data was used to build and calibrate a VISSIM microsimulation model to evaluate interim and long-term alternatives for improving capacity, safety, and reducing delays. A final report summarizing the methodology and findings was prepared for FHWA to support policy compliance and project approval.			
Prior to Volkert	I-10/12 College Drive Flyover Design-Build (Baton Rouge, LA). At a previous firm, Mr. Pecoraro served as the assistant quality control manager tasked to provide construction observation to ensure the bridge was built in accordance with the plans and specifications. His responsibilities, while in this position at Hardesty and Hanover, included inspection coordination, material testing and tracking, weekly quality control project updates, and aiding in writing non-conformance reports (NCRs). The new bridge and realignment of I-12 increased driver safety in the corridor.			

Firm employed by: Volkert, Inc.				
	Perry Leblanc CADD / Technician		Years of relevant experience with this employer	9
			Years of relevant experience with other employer(s)	20
	Degree(s) / Years / Specialization	1998 Drafting & Design Technology	Year registered	N/A
	Active registration number / state / expiration date	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities: Mr. Leblanc will provide design technician services.				
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. LeBlanc joined Volkert's Baton Rouge office in 2016, after an eighteen-year career working in design and as a CADD instructor at a local technical college. He is responsible for the CADD design of engineering projects for airports and other engineering projects. He has extensive experience in generating 3D models of projects.				
01/19 - Ongoing	Plank Road Realignment East Baton Rouge Parish, LA (Baton Rouge Metropolitan Airport). Mr. Leblanc assisted with plan design and layout. Volkert is providing design, environmental permitting, and ROW acquisition for the relocation of Plank Road on a new alignment. This 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.			
01/20 - 01/21	Roundabout at Highway 929 and Highway 930 Prairieville, LA, Ascension Parish, LA (DOTD). Mr. Leblanc assisted with plan design and layout. As part of the Move Ascension program Volkert was assigned a task order to develop plans for a roundabout at Highway 929 and Highway 930, Prairieville, LA. The roundabout will replace the existing stop-controlled intersection and consists of a single lane asphalt roundabout. The roundabout will be designed through SIDRA, AASHTO, and Louisiana DOTD standards. The project required traffic analysis, development of construction plans, drainage improvements, lighting, topographic survey, ROW mapping, geotechnical services and SUE services.			
01/20 - 01/21	Joe Sevario Road at LA 933 Roundabout, Ascension Parish, LA (sub to SJB Group, LLC for Ascension Parish). Mr. Leblanc assisted with plan design and layout. 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.			
A - 2021; B - 2022; C - Ongoing; D - Ongoing	Filmore Group A, B, C, and D, New Orleans, LA (City of New Orleans). Mr. Leblanc assisted with plan design and layout for this project that consisted of providing full roadway replacement for several streets in New Orleans, LA. The replacement included full drainage upgrades, waterline upgrades, sewer upgrades and sidewalks consistent with their master planning. Volkert was responsible for the preliminary design through the 100% final design plan submittal.			
06/17 - 11/17	Causeway Segmented Shoulder Bay Improvements on the Lake Pontchartrain Bridge in Louisiana, St. Tammany and Jefferson Parishes, LA; (Greater New Orleans Expressway Commission). Mr. Leblanc assisted with plan design and layout. Volkert has served as agent to the Greater New Orleans Expressway Commission for the Lake Pontchartrain Causeway Bridge Segmented Shoulder Bay permitting work. Volkert developed permit applications and extensive supporting information for several Joint Permit Applications with USACE/LDNR OCM related to the Bridge Segmented Shoulder Bays, test piles, and mooring piles. Work included Section 404/10 considerations, approval of work in the coastal zone and LDEQ Water Quality Certification. The Segmented Shoulder Bay work also required a U.S. Coast Guard Bridge permit. Volkert worked closely with the Eighth Coast Guard District to satisfy NEPA requirements, environmental agency coordination, and many other requirements of the Bridge Permit Application Guide.			

Firm employed by: Volkert, Inc.			
	Laura Tomlinson CADD /Technician		Years of relevant experience with this employer 2
			Years of relevant experience with other employer(s) 0
	Degree(s) / Years / Specialization	AS 2025 Drafting & Design	Year registered N/A
	Active registration number / state / expiration date	N/A	Discipline N/A
Contract role(s) / brief description of responsibilities: Ms. Tomlinson will provide design technician services.			
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].		
Ms. Tomlinson has 2 years of experience in drafting and design. She works with the bridge engineers in the Baton Rouge office preparing drawings, plot layouts, and modifying existing drawings. She prepares drawing packages, including plotting drawings, making copies, and assembling drawings. In addition, she is proficient in Engineering Mathematics and is trained in AutoCAD Software.			
09/25 - Ongoing	Office of Louisiana Highway Construction (OLHC) BB - RCN 21350 Cypress Bayou, Keeper No. 1, Keppler No. 2, Poplar Branch, Brown Creek, Choudrant Creek, Lick Creek Relief, Lick Creek, Lion Creek. Ms. Tomlinson is assisting with plan design and layout. Volkert is providing professional engineering and consulting services for the FY 26 Bridge Bundle Program for the Office of Louisiana Highway Construction. Work includes preparing plans, specifications, and related deliverables for the bridges identified under the program. All services and deliverables will be completed in accordance with the contract requirements and established schedules.		
10/22 - Ongoing	LA 73 AT LA 74 Roundabout Ascension Parish, LA. Ms. Tomlinson is assisting with plan design and layout. The Ascension Parish Government is seeking to build several roundabouts throughout the parish and has chosen Volkert to study and design a roundabout that will replace the signalized intersection at LA 73 and 74.		
09/22 - Ongoing SECTION 17 PROJECT	IIJA Off System Bridges (Louisiana). Ms. Tomlinson is assisting with plan design and layout. 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. Ms. Tomlinson 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 LA DOTD Hydraulic Design Guidelines for the Off-System Bridge Replacement and Rehabilitation Program manual.		
07/23 - 09/24	St. Charles Parish – Engineers Canal Pump Station. Ms. Tomlinson assisted with plan design and layout. The goal of the project is to upgrade an existing pump station to at least 250 cfs from the existing 150 cfs pumping capacity. The project is being funded through the CMAR process allowing for an alternative delivery of the project. The Parish has a contractor on board as well as an independent cost estimator to assist with reviewing the project at 30, 60 & 90% prior to the final design plans. Volkert’s role is lead designer and assisting with the CMAR process.		

Firm employed by: Volkert, Inc.			
	Chad Fisher CADD/Technician		Years of relevant experience with this employer 29
			Years of relevant experience with other employer[s] 29
	Degree[s] / Years / Specialization	1998 Drafting & Design Technology	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 provide design technician services.			
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 28 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 2018, 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.			
02/22 - 12/23	Donaldson and Mcfee St.- Bridge (Bastrop, LA). Work directly with the Project Engineer to perform interim bridge evaluations/inspections.		
10/22 - 10/23	East Carroll Parish Police Jury – Bridge. Work directly with the Project Engineer to perform interim bridge evaluations/inspections.		
09/21 - 09/22	Bastrop General Engineering (Bastrop, LA). Work directly with the Project Manager to perform general engineering projects.		
08/20 - 08/21	Bossier Parish Proposed Street Improvements – Disaster Relief – 2016 Flood Event (Bossier Parish, LA). Mr. Fisher worked directly with the Project Engineer to prepare preliminary and final drawings including plan & profile sheets, typical sections, using Microstation V8i, Autocad 2018 & Civil Packages. Prepared Preliminary & Final Cost estimates.		
11/15 - 07/19	LA 3249/Roundabout. 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. Prepared Manhour Analysis, Preliminary & Final Cost estimates.		
09/04 - 03/11 07/16 - 05/18	Bastrop City Streets – 2004, 2016. 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, sewer repair details and right-of-way maps using Microstation J & V8i, Autocad & Civil Packages. Prepared Preliminary & Final Cost estimates. In charge of construction supervision and inspection for 2016 project.		
03/01 - 04/16	SPN 700-24-0087; FAP No. STPM-8456(002); Fink's Hide A-Way Road (US 165 - Raymond Drive); Ouachita Parish. Work directly with the Project Engineer and Inspectors to enter information into DOTD Site Manager Program. Produced final closeout documents.		

Firm employed by: Volkert, Inc.				
	Robyn Tate CADD/Technician		Years of relevant experience with this employer	2
			Years of relevant experience with other employer(s)	3
	Degree(s) / Years / Specialization	BS 2022 Civil Engineering	Year registered	N/A
	Active registration number / state / expiration date	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities: Ms. Tate will provide design technician services.				
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).			
Ms. Tate joined Volkert in 2024 with 2 years of experience in transportation infrastructure design and compliance. She has expertise in TxDOT standards, SW3P plan sheets, and stormwater pollution plans; proficient in AutoTurn software for traffic improvement designs. Experience includes development of cost estimates for roadway projects, ensuring alignment with environmental and municipal regulations.				
05/24 - Ongoing	Plank Road, East Baton Rouge Parish, LA (Baton Rouge Metropolitan Airport) The project is for the relocation of Plank Road on a new alignment and includes all ROW acquisition and all the design for a new 4-lane highway with J-turns. It also includes all ROW acquisition and all the design for additional lanes along Harding and Hooper Roads including the implementation of complete streets, a new lighting system and a new signalized intersection.			
05/24 - Ongoing	I-35 Northeast Expansion South Project. Engineer Technician. Collaborated with senior engineer to establish SW3P plan sheets, ensuring compliance with environmental regulations. Analyzed roadway and drainage plans to recommend effective temporary erosion control measures for proposed construction projects. Applied TxDOT standards and engineering principles to design comprehensive Sewer Water Pollution Prevention Plans.			
05/24 - Ongoing	I-35 (Nex) South Project. Engineer Technician. Analyzed turning movements with AutoTurn software, resulting in design recommendations for temporary traffic improvements. Formulated and secured client approval for a detour plan, optimizing traffic flow during construction. Created standard typical sections following project award to guide subsequent construction phases.			

Firm employed by: Volkert, Inc.				
	Reginald Jeter, PE Cost Estimator		Years of relevant experience with this employer	10
			Years of relevant experience with other employer(s)	25
	Degree(s) / Years / Specialization	MBA 1984 Civil Engineering BS 1981 Civil Engineering	Year registered	1989
	Active registration number / state / expiration date	23259 LA 09/30/2027	Discipline	Civil
Contract role(s) / brief description of responsibilities: Mr. Jeter will serve as CPM Scheduler/Cost Estimator.				
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. Jeter joined Volkert in 2016 and has over 35 years in the highway and heavy construction industry as 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 bridges and steel plate girder structures.				
06/20 - 08/24	LA 23: Belle Chasse Bridge and Tunnel (HBI) Improvements, Plaquemines Parish, LA (LADOTD) Mr. Jeter served as CPM review for the Belle Chasse Bridge and Tunnel Improvements. Volkert was 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 provided guidance and support to the LADOTD 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.			
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 reviewed the CPM schedule for Volkert's team on this \$71.8M Design-Build project. The I-220/I-20 Interchange Improvement and 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 Barksdale Air Force Base (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.			

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 - 07/20	I-10: 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.
06/18 - 03/19	US 90 (I-49 South) Albertson Parkway to Ambassador Caffery Design-Build, Lafayette Parish, LA (LADOTD) Mr. Jeter served as CPM Review Engineer for the OVT 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.
08/06 - 08/11	I-10 Twin Span Bridge Over Lake Pontchartrain Low Level Portions and Main Spans in Orleans and St. Tammany Parishes, LA (LADOTD). Mr. Jeter served as CPM Review Engineer. 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.

Firm employed by: Volkert, Inc.			
	Jason Goffinet, REPA <i>Environmental & Permitting</i>		Years of relevant experience with this employer 21
			Years of relevant experience with other employer(s) 10
	Degree(s) / Years / Specialization	BS 1995 Environmental Science BS 1995 Biology	Year registered 2007
	Active registration number / state / expiration date	6309 REPA 05/20/2027	Discipline Environmental
Contract role(s) / brief description of responsibilities: Mr. Goffinet will provide environmental and permitting services.			
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. Goffinet has over 31 years of experience in preparing environmental documents including EISs, EAs, CEs, and corridor/feasibility studies for transportation projects in accordance with the National Environmental Policy Act of 1969 (NEPA) (42 U.S.C. 4321 et. seq.). His experience encompasses all stages of project development beginning with the development of the concept, preparation of the need and purpose statement, justification of the termini and continuing through the agency coordination, community outreach and public involvement process, preparation of the NEPA document and subsequent re-evaluations and preparation of construction permits. He has written NEPA documents that address a multitude of complex issues including community, socio-economic and demographic impacts to resources protected under Section 4(f) (publicly owned parks, wildlife refuges, historical sites), Section 6(f) (lands acquired with Land and Water Conservation Act funds), Section 106 (historic resources), Section 7 (protected species), Section 404 (waters of the US including wetlands), EO 12898 (Environmental Justice), FHWA's EJ Order 6640.23A, DOT's EJ Order 5610.2(a), and EO 13166 (Limited English Proficiency). Mr. Goffinet has also written numerous technical reports including EJ community impact assessments and indirect and cumulative impact assessments and has performed air quality assessments and complex noise analyses using the latest models. He has served as a Senior Project Planner and Environmental Project Manager with responsibility for coordinating and preparing environmental documents for federal, state, municipal, and private sector projects. He has managed NEPA documents and provided community outreach/public involvement services in multiple states. Mr. Goffinet's certifications include: - Registered Environmental Property Assessor (REPA) #6309 (2007) - Florida Department of Transportation (FDOT) Traffic Noise Analysis Certificate #175 - FHWA/ALDOT, Applying Section 4(f): Putting Policy into Practice (NHI Course 142073), 2015 - GDOT/FHWA Environmental Impact Assessment, 2007 - GDOT Plan Development Process Training, 2006 - FDOT Efficient Transportation Decision-making Training, 2005 - FHWA/NHI NEPA and Transportation Decision Making Course 14205, 1999 - FHWA/ALDOT, Section 4(f) Workshop, 2004 - FHWA/EPA MOVES 2010 /CAL3HCR Hot-Spot Course, 2011 - TNM Software: FHWA Traffic Noise Model 1.0b (TNM) Course, 1999 - STAMINA Software: ALDOT, Highway Traffic Noise Analysis Training Course, 2000 - OPTIMA Software: ALDOT, Highway Traffic Noise Analysis Training Course, 2000 - TNM Software: FHWA Traffic Noise Model 2.0 (TNM) Course, 2002 - Traffic Noise Analysis, Course BT-19-0005, FDOT, Environmental Management Office, 2002 - Transportation Research Board Conference AI F04, Transportation-Related Noise and Vibration Conference, 2001			

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).
06/24 - 12/25	Gonzales Solar Farm. Mr. Goffinet provided NEPA support services to assist in the EPA's Categorical Exclusion (CATEX) determination for the proposed solar system at the Gonzales Environmental Enhancement Facility. As contract manager his responsibilities included preparing the scope and fee and providing NEPA oversight/QC.
08/11 - 02/21	LA 406 for the New Orleans Regional Planning Commission and the LADOTD, Plaquemines and Orleans Parishes, Louisiana. Environmental Project Manager and NEPA Writer for widening LA 406 between LA 23 (Belle Chasse Hwy) and LA 407 (Gen. De Gaulle Blvd) in Plaquemines and Orleans Parishes, LA for NORPC, coordinated with LADOTD. The project involved a Stage 1 Environmental Assessment to document potential environmental concerns associated with the widening of LA 406 from two to four lanes between LA 23 (Belle Chasse Hwy) and LA 407 (Gen. De Gaulle Blvd). The study corridor for the project was approximately 3.8 miles. Volkert was responsible for completing the EA in accordance with NEPA. Volkert oversaw cultural resource surveys, environmental, drainage design, and topographic surveys and coordinated with LADOTD, FHWA, Plaquemines Parish, and the City of New Orleans to ensure all issues were addressed in the development of the project. Mr. Goffinet was responsible for the environmental analyses and wrote the EA.
03/16 - 12/18	I-10/Loyola Drive Interchange Improvements, New Orleans, Jefferson Parish, Louisiana for LADOTD. Volkert prepared the noise and air studies for an EA/FONSI studying modifications to the existing I-10/Loyola Drive Interchange. The modifications are needed to accommodate the increased traffic associated with the relocation of the Louis Armstrong New Orleans International Airport (MSY) terminal. The interchange will become the primary entrance to the terminal and the addition of airport traffic is projected to worsen existing traffic conditions and result in congestion on mainline I-10 in the future. For this reason, the I-10/Loyola Drive Interchange was studied to determine if modifications are necessary to ensure acceptable operating conditions through the 2040 design year. Volkert was tasked to conduct the noise, air, socio-economic and environmental justice analyses for the project and assisted with public involvement activities. The noise analysis was performed using the Federal Highway Administration's (FHWA) Traffic Noise Model (TNM) Version 2.5. The noise analysis included model validation measurements at 11 locations and highly complex noise modeling that included 1,138 receptor sites. The noise analysis also included the evaluation of several noise barriers including at-grade and structure mounted noise barriers. The draft EA was approved by the FHWA on October 15, 2018.
02/15 - 08/11	LA 1088, St. Tammany Parish, Louisiana for the LADOTD. Volkert prepared the noise and air studies for an EA/FONSI studying improvements to LA 1088 between LA 59 and the I-12 interchange westbound ramps. The purpose of the proposed improvements to LA 1088 was to reduce existing congestion and accommodate future traffic demands. Operational improvements were also needed due to existing and projected traffic volumes and the poor level of service at the intersections. The total length of the proposed project was approximately 3.5 miles. LA 1088 is a suburban highway which runs generally in a northeasterly direction from the intersection of LA 59 north of Mandeville to an intersection at LA 36 east of Abita Springs. LA 1088 is an undivided two-lane highway from LA 59 for approximately 2.7 miles where it transitions into a four-lane divided section running approximately 0.8 mile to an interchange at I-12. Past the I-12 interchange, LA 1088 continues as a two-lane undivided highway for approximately 7.5 miles to the intersection at LA 36. The entire LA 1088 corridor in St. Tammany Parish. The noise levels were analyzed for the Existing, and future 2033 No-Build and three (3) proposed build alternatives. The noise analysis was performed using the Federal Highway Administration's (FHWA) Traffic Noise Model (TNM) Version 2.5. The noise barrier analyses were also performed using the TNM model. The final EA was approved by the FHWA in October 2019.
04/09 - 03/12	I-12 Design Build. Mr. Goffinet served as Environmental Project Manager. The project, from the O'Neal Lane/I-10 Interchange to Pete's Highway (eastbound) consists of widening I-12 from 2-lanes in each direction to 3-lanes in each direction (6 lanes total) and reconstruction of the existing lanes. Volkert was responsible for scour analysis for the substructure of the new Amite River Bridges, permitting, environmental compliance, public involvement, independent quality control, and engineering during construction. Scour analysis was accomplished by modifying the Amite River hydraulics model using HEC-RAS to include the substructure for the new bridge replacements.

Firm employed by: Volkert, Inc.			
	Paige Felts, CPESC <i>Environmental & Permitting</i>		Years of relevant experience with this employer 23
			Years of relevant experience with other employer(s) 0
	Degree(s) / Years / Specialization	BS 2002 Civil Engineering BS 1998 Environmental Science	Year registered N/A
	Active registration number / state / expiration date	N/A	Discipline N/A
Contract role(s) / brief description of responsibilities: Ms. Felts will provide environmental and permitting services.			
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).		
Ms. Felts has been with Volkert since 2003 and has over 23 years of environmental experience. Her environmental project experience includes environmental permitting, coordination with state and federal regulatory agencies, identifying and delineating wetlands, defining alternatives for avoiding and minimizing impacts to wetland areas, wetland mitigation, submerged aquatic vegetation (SAV) surveys, Phase I Environmental Site assessments (ESA), developing Best Management Practices (BMP) Plans, and threatened and endangered species. Ms. Felts' certifications include: • Certified Professional in Erosion & Sediment Control (CPESC) #8687 • FDEP Stormwater Management Inspector #28594			
11/22 - 04/24	Design-Build for the I-10 Mobile River Bridge Main Span Cable-Stayed Bridge project (MRB), Kiewit Massman Traylor, a Joint Venture (KMT), Ms. Felts served as Environmental Scientist. Volkert collaborated with ALDOT in order to construct an aesthetically-pleasing cable-stayed bridge with a minimum 100-year service life and minimum 215-foot vertical clearance over the 600-foot wide Mobile River ship channel. The project will add capacity along I-10 between Virginia Street and the Mobile/Baldwin County line to alleviate traffic congestion and facilitate economic growth while minimizing impacts to the maritime industry and meeting all requirements of the environmental documentation. There are five interchange modifications within this portion of the project. Volkert will provide engineering support for the five interchanges along the route as well as assist with bridge design including providing electrical design, utility relocation and environmental compliance. The goal is to begin construction by March 2024. Estimated Construction Cost \$3.5 Billion.		
02/15 - 06/16	LA 1088 Corridor Study - Environmental Assessment in St. Tammany Parish for the LA DOTD. Ms. Felts served as Environmental Scientist responsible for wetland delineation and permitting services. The scope of services for this project consisted of the preparation of an Environmental Assessment (EA) in accordance with the National Environmental Policy Act (NEPA) and other applicable laws for the proposed project. The project proposed to improve the mobility and safety of vehicular, pedestrian, and bicycle traffic along the LA 1088 corridor between LA 59 (Girod St.) and the I-12 westbound ramps in St. Tammany Parish. Volkert was responsible for evaluating the social, economic, and environmental consequences of the alternatives, including the no-build alternative, and presenting this information in the EA document. In addition to the formal EA document and Finding of No Significant Impact (FONSI), Volkert developed separate reports, including a Wetland Finding, Phase I Environmental Site Assessment, Phase I Cultural Resources Survey Reports, Noise Analysis, a Public Hearing, and a Conceptual Stage Relocation Plan.		
01/09 - 07/12	I-12 Design Build. Ms. Felts served as Project Scientist. The project, from the O'Neal Lane/I-10 Interchange to Pete's Highway (eastbound) consists of widening I-12 from 2-lanes in each direction to 3-lanes in each direction (6 lanes total) and reconstruction of the existing lanes. Volkert's services included roadway design, electrical design, permitting compliance, and QA/QC assistance on the design plans for this project. Design Plan Sets included clearing and grubbing, erosion control, and maintenance-of-traffic for		

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].
	coordination of phased construction. Design plans for signing and striping, paving, storm drainage improvements and construction details were also developed for the project. Volkert was also responsible for scour analysis for the substructure of the new Amite River Bridges, permitting, environmental compliance, public involvement, independent quality control, and engineering during construction. Scour analysis was accomplished by modifying the Amite River hydraulics model using HEC-RAS to include the substructure for the new bridge replacements.
09/20 – 11/20	Phase 1 ESA Services for Sherwood Forest Extension, MoveBr, City of Baton Rouge. Ms. Felts served as Environmental Scientist responsible for permitting and site assessment services. Volkert will conduct an ESA for the area around the Sherwood Forest Extension in an effort to determine previous ownership of the site by conducting record reviews, site reconnaissance, interviews and development of a report detailing the previous uses of the site. A map will be developed that highlights site specific historical uses such as gasoline or dry-cleaning facilities that might have previously compromised the area.
03/19 – 03/22	Bon Secour Headwaters Restoration in Foley, Alabama for the City of Foley. Ms. Felts served as Environmental Project Manager responsible for the development of the permitting, compliance, and final report. Residential development in the headwaters of the Bon Secour River has exploded over the past 10 years with subdivisions replacing farmland. Erosion and sedimentation are a primary issue from construction stormwater runoff. Urbanized and agricultural land uses in the headwaters of the watershed have contributed to nutrient loading that negatively affects water quality. Additionally, heavy concentrations of invasive plant species and litter have been documented within the proposed project area. The City of Foley secured grant funding through the NFWF Gulf Environmental Benefit Fund to purchase approximately 88 acres of property adjacent to the headwaters of the Bon Secour River to design and implement a restoration project. The goals were to restore water quality by reducing nutrient and sediment loads and enhance the existing natural wetland vegetation community by removing invasive species.
06/19 - 07/20	Environmental Scientist for the Plank Road Realignment East Baton Rouge Parish, LA for the Baton Rouge Metropolitan Airport. Ms. Felts served as Environmental Scientist responsible for permitting services. This project is for the relocation of Plank Road on a new alignment and includes all ROW acquisition and all the design for a new 4 lane highway with J-turns. It also includes all ROW acquisition and all the design for additional lanes along Harding and Hooper Road including the implementation of complete streets, a new lighting system and a new signalized intersection. Phase I of this project is nearing completion and Phase II is in an on-going traffic study. Ms. Felts served as Environmental Scientist responsible for permitting services. 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.
04/18 - 07/19	Environmental Project Manager for the Wolf Bay Watershed Management Plan (WMP) Phases I & II) for the MBNEP. The MBNEP received funding from the National Fish and Wildlife Foundation (NFWF) Gulf Environmental Benefit Fund (GEBF) to develop a comprehensive WMP for the Wolf Bay Watershed in Baldwin County, Alabama. The MBNEP has chosen the Volkert/Allen ES Team to develop a comprehensive Watershed Management Plan to provide an assessment of the Wolf Bay watershed with the goal of improving water and habitat quality in Wolf Bay. The watershed planning process uses distinctive steps to characterize existing conditions, identify and prioritize problem areas.
11/14 – 11/15	Magnolia Bridge Environmental Assessment, Orleans Parish, LA (NORPC). Ms. Felts served as Environmental Scientist responsible for permitting services. The RPC asked Volkert to conduct a thorough structural and safety inspection of the bridge and complete a Stage 1 environmental and feasibility study for a repair and revitalization project. Volkert previously provided the bridge inspection and report according to NBIS and LA DOTD requirements. Volkert’s environmental team led a Stage 1 Environmental Analysis for the rehabilitation of the bridge. The team coordinated with relevant local, state, and federal agencies, evaluated alternatives and their environmental impact, and solicited the views of stakeholders and the public. The resulting documentation supported a finding of a Categorical Exclusion, signifying that the project will not have a significant environmental impact on the historical bridge or its surroundings.

Firm employed by: Volkert, Inc.				
	Randy Denmon, PE, PLS <i>Survey/SUE/Utility Coordination</i>		Years of relevant experience with this employer	31
			Years of relevant experience with other employer(s)	0
	Degree(s) / Years / Specialization	BS Mathematics 1992 MS Civil Engineering 1996	Year registered	1996 (PLS) 2001 (PE)
	Active registration number / state / expiration date	4798 LA PLS 03/31/2027 29390 LA PE 03/31/2027	Discipline	Civil Surveyor
Contract role(s) / brief description of responsibilities: Mr. Denmon will provide survey services.				
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 31 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, as 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. Mr. Denmon was the Surveyor of Record 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. Mr. Denmon was the Surveyor of Record 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 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. Mr. Denmon was the 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). As Project Manager, Mr. Denmon oversaw 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 EAPs.			
01/06 - 01/08	Cross Lake Erosion Repairs. Mr. Denmon served as 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 <i>Survey/SUE/Utility Coordination</i>		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 03/31/2027 5311 LA PLS 09/30/2027	Discipline	Civil Surveyor
Contract role(s) / brief description of responsibilities: Mr. Patrick will provide survey services.				
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 12 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 - Ongoing	Kings Highway Improvements, City of Shreveport. Mr. Patrick served as 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 - Ongoing	SportTran Bus Stops, City of Shreveport. Mr. Patrick served as 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 Station. Mr. Patrick served as Project Engineer. 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. Mr. Patrick served as Project Engineer. 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 main 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. Mr. Patrick served as Project Engineer. 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 Survey/SUE/Utility Coordination		Years of relevant experience with this employer 32
			Years of relevant experience with other employer(s) 0
	Degree(s) / Years / Specialization	Certificate 1992 Drafting & Design Technology	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 provide survey services for this project.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time years of experience specified in the applicable MPR(s).		
Mr. Lengefeld serves as the Survey Manager for Volkert's Monroe, Louisiana office and brings over 26 years of experience in the surveying field. He is responsible for processing survey data, preparing cost estimates, and performing drafting work, particularly for property plats, easements, and rights-of-way. Proficient in a range of CAD platforms and design software—including MicroStation V8i, AutoCAD 2018 and 2021, InRoads V8i, Softdesk, Civil 3D, and Trimble software—he utilizes these tools to process data and produce accurate survey drawings and property plats. In addition, he prepares legal descriptions for plats and collaborates closely with project managers and engineers to deliver high-quality survey data to support project needs. His duties also include preparing preliminary and final plats and legal documents, managing and scheduling five survey crews, and overseeing the procurement of survey equipment and supplies. Mr. Lengefeld maintains regular communication with clients regarding survey efforts and coordinates daily with field crews to provide direction and ensure efficient operations.			
11/24 - Ongoing	City of Shreveport – Kennedy Drive Improvements, Shreveport, LA. Mr. Lengefeld served as Survey Manager for this project. The Kennedy Street roadway rehabilitation project, funded through the City's general operations fund, focused on both infrastructure improvements and accessibility compliance. As part of the project, all sidewalks and curb ramps along the improved roadways were thoroughly analyzed to ensure they met ADA specifications. Each curb ramp was carefully surveyed, and any sidewalks or ramps found to be out of compliance were replaced. These upgrades not only improved the quality and safety of the roadway but also ensured accessibility for all members of the community.		
09/24 - Ongoing	City of Shreveport – C24001 Concrete Street Improvements and Asphalt Street Improvements Shreveport, LA. Mr. Lengefeld served as Survey Manager for this project. This safety project, funded with public resources, involved the rehabilitation of asphalt and concrete roadways across several key corridors, including Creswell Avenue, Wyngate Circle, Wyandotte Street, Southland Park Drive, Sixth Street, South Brookwood Drive, and Irving Place. As part of the work, all sidewalks and curb ramps along the improved roadways were carefully assessed to ensure compliance with ADA specifications. Each curb ramp was meticulously surveyed, and any sidewalks or ramps found to be out of compliance were replaced. These improvements not only enhanced roadway conditions but also promoted accessibility and safety for all users.		
07/23 - 08/25	City of Natchitoches Safe Streets Revitalization Project. Mr. Lengefeld served as Survey Manager for this project. This publicly funded safety project aimed to enhance pedestrian and bicycle accommodations along various routes in the City of Natchitoches, Louisiana. Volkert's role was to perform the topographic survey, which included establishing project control to support both current surveying activities and future construction efforts. These improvements were designed to promote safer, more accessible transportation options for the community.		
02/22 - 05/23	LADOTD LWI Region 3 Watershed Project. Mr. Lengefeld managed and directed the survey crews for stream and bridge surveys with C4G control for the construction of HEC-RAS Models. Processed survey data and directed each survey crew in various locations of each project.		

Firm employed by: T. Baker Smith



TJ Stokes, PE | Survey/SUE/Utility Coordination

Years of relevant experience with this employer	5
Years of relevant experience with other employer[s]	12
Year registered	2015
Discipline	Industrial

Degree(s) / Years / Specialization BS | 2009 | Industrial Engineering

Active registration number / state / expiration date 40079 | LA | 03/31/28

Contract role(s) / brief description of responsibilities:
Mr. Stokes will oversee Subsurface Utility Engineering.

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].
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TJ has over 17 years' experience in successfully managing numerous SUE projects specializing in transportation and roadway projects. As the Lead Professional for Subsurface Utility Engineering, he is currently overseeing the completion of DOTD and MDOT retainer contracts along with numerous other public and private client projects. He has thorough knowledge of the Subsurface Utility Engineering standards listed in CI/ASCE Standard 38-02 and is familiar with all SUE technologies and equipment, including but not limited to, ground penetrating radar (GPR), vacuum excavation, and numerous other types of geophysical locating equipment. He also has extensive experience managing and overseeing utility coordination and design projects.

05/24 - Ongoing	23-EN-HC-0029, Highland Road at Pecue Lane; City of Baton Rouge and Parish of East Baton Rouge; East Baton Rouge Parish, LA – Principal/Practice Leader. TJ provides team support for intersection improvements at Highland Road and Pecue Lane. He assists in maintaining alignment on project goals, schedule, and deliverable expectations while supporting coordination across disciplines. He contributes to overall execution by facilitating collaboration and reinforcing quality and consistency throughout plan development.
12/23 - Ongoing	S.P. No. H.015555, LA 1077 & Brewster Rd Roundabout; LADOTD / St. Tammany Parish; Madisonville, LA – Principal/Practice Leader. TJ is involved in the development of a roundabout at LA 1077 and Brewster Road, supporting team coordination and overall project execution. He assists in maintaining alignment on project goals, schedule, and deliverable expectations while working across disciplines. He reinforces quality and consistency throughout plan development.
05/23 - Ongoing	Contract 44-17598, Contract 44-19336, Rural Bridge Replacement Initiative, Ph I and Ph II (87 bridge structures); LADOTD – Principal/Practice Leader. TJ contributes to the delivery of a large-scale, multi-project bridge replacement program involving 87 structures statewide. He supports teams in maintaining alignment on program goals, schedules, and deliverable expectations across numerous concurrent projects. He facilitates collaboration and reinforces consistency and quality across deliverables to support efficient program-wide execution.
05/23 - Ongoing	S.P. No. 44-25511, IDIQ SUE Services Statewide; LADOTD; Statewide, LA - Provides Project Management and serve as Engineer of Record, supporting multiple task orders involving Subsurface Utility Engineering (SUE). Oversee and deliver Quality Level B and Quality Level A SUE services in accordance with task order requirements. Perform QA/QC reviews of topographic surveys to ensure compliance with LADOTD requirements and ASCE 38-22 standards.
05/21 - 03/24 SECTION 17 PROJECT	S.P. No. H.003931.5, Calcasieu River Bridge (HBI); LADOTD; Calcasieu Parish, LA – Project Manager/Engineer of Record. Responsible for all Subsurface Utility Engineering and Utility Coordination. Oversaw all Quality Level B and Quality Level A SUE services and performed QA/QC on the topographic survey submitted to LADOTD to ensure compliance with ASCE 38-02. Reviewed all utility coordination procedures including conflict matrix and conflict plan creation.

Firm employed by: T. Baker Smith

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 – 10/23	S.P. No. 44-14661, IDIQ SUE Services Statewide; LADOTD; Statewide, LA - Served as Project Manager and Engineer of Record , supporting 15 separate task orders involving Subsurface Utility Engineering (SUE) and utility coordination. Responsibilities included overseeing and delivering Quality Level B and Quality Level A SUE services in accordance with project-specific scopes. Conducted comprehensive QA/QC reviews of topographic survey data submitted to LADOTD to verify adherence to ASCE 38-02 guidelines. Additionally, evaluated and guided all utility coordination processes, including the development of conflict matrices and conflict resolution plans.
02/22 – 05/22	Move Ascension Parker Road and LA 929 Widening; Ascension Parish Government; Ascension Parish, LA – Lead Professional . Provided Subsurface Utility Engineering for the Parker Road and LA 929 Widening project as part of the Move Ascension Program. Quality Level B services were provided throughout the project limits to determine the horizontal location of utilities to assist with the roadway design. Quality Level A test holes were also provided to provide vertical information where utilities would conflict with roadway or drainage design.
11/21 – 02/22	S.P. No. H.014670.5, LA 1270: LA 77 to End of Control Section; LADOTD; Iberville Parish, LA – Contract administrator/Engineer of Record . Responsible for all Subsurface Utility Engineering Quality Level B services and performed QA/QC on the topographic survey performed by LADOTD to ensure compliance with ASCE 38-02. LADOTD Location and Survey field staff performed the topographic survey and we ensured a smooth working environment for data collection.
03/21 – 01/22	Move Ascension, LA 44 & Parker Roundabout, Subsurface Utility Engineering; Ascension Parish Government; Ascension Parish, LA – Lead Professional . Provided Subsurface Utility Engineering for the LA 44 & Parker Roundabout as part of the Move Ascension Program. Quality Level B services were provided throughout the project limits to determine the horizontal location of utilities to assist with the roadway design. Quality Level A test holes were also provided to provide vertical information where utilities would conflict with roadway or drainage design.

Firm employed by: T. Baker Smith



Jean Reulet, III, PLS | Survey/SUE/Utility Coordination

Years of relevant experience with this employer	3
Years of relevant experience with other employer[s]	13
Year registered	2015
Discipline	Professional Land Surveyor

Degree(s) / Years / Specialization
BS | 2011 | Geomatics

Active registration number / state / expiration date
PLS.5145 | LA | 03/31/28

Contract role(s) / brief description of responsibilities:
Mr. Reulet will oversee all surveying efforts.

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].
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Jean Reulet, III, PLS serves as TBS' Surveying Lead Professional of Transportation. His field experience for LADOTD projects began in 2011 where he has been involved in dozens of survey projects of various sizes across the State of Louisiana. He has participated in all stages of Topographic Survey and Right of Way Map preparation from field data collection to final deliverables according to the LADOTD's Location and Survey Manual. This experience has enabled Jean to develop a very thorough QA/QC process which has been used to train a highly skilled project team. Jean is experienced in the use of cutting-edge technology such as terrestrial and mobile LIDAR methods for collecting topographic and structural data in an efficient and safe manner.

09/25 - Ongoing SECTION 17 PROJECT	S.P. No. H.008069 Peters Road Bridge and Extension (Phase 3); LADOTD: Jefferson and Plaquemines Parishes, LA – Surveyor of Record. Responsible for field crew oversight, data processing and review, and deliverables preparation. Performing Topographic, Bathymetric, and Property surveys across approximately 2.8 miles of Virgin terrain for construction of a road between Walker Road and Engineers Road, including a bridge over the Intracoastal Waterway and Bayou Barataria. Right of Way Maps are included in this effort to aid in acquisition of the required Right of Way.
06/23 - Ongoing	Contract 44-25027, Infrastructure Investment and Jobs Act (IIJA) Off System Bridge Program District 08; LADOTD; District 08, LA – Sr. Project Manager/Surveyor of Record. Oversees the completion of topographic surveys, property surveys, and right of way maps for the replacement of 12 bridges. Responsible for field crew coordination, project QA/QC, title research, and deliverables preparation. Surveys were performed to LADOTD Location and Survey standards.
11/21 - Ongoing SECTION 17 PROJECT	Contract 44-21973 IDIQ for Professional Surveying Services; LADOTD; Statewide, LA – Project Manager/Surveyor of Record. Jean serves as the project manager and surveyor of record for this Surveying Services IDIQ. He is responsible for manhour estimate preparation and contract negotiations. Jean coordinates with private landowners, railroads, and other entities to obtain right-of-entry prior to survey commencement. He oversees the topographic data collection and processing, utility research, and drainage map development. He also provides QA/QC and ensures delivery according to project schedule. To date, Jean has successfully completed 12 task orders (H.009892, H.014414, H.015587, H.016324, H.016326, H.014308, H.015308, H.015449, H.016322, H.016323, H.016333) with one more currently active (H.011242).
07/21 – 02/24	Contract 44-19336, Rural Bridge Replacement Initiative, Ph II (40 bridge structures); LADOTD; Districts 04, 05 – Survey Project Manager. Coordinated field crews, processed data daily, and provided QA/QC of deliverables. TBS performed control, topographic, and right of way surveys for the replacement of 40 bridge structures in northern Louisiana. Data was captured to detail the existing bridges themselves, roadways on either side, and surrounding terrain to ensure proper tie into to existing surfaces. Cross sections of the channels they cross were also surveyed to provide information for hydraulic modeling. Data is then processed and QA/QC performed and coordinated with in-house engineers designing the replacement bridges. Property surveys of affected tracts of land were also surveyed for any takings or servitudes, and these lines portrayed on right of way maps.

Firm employed by: T. Baker Smith

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].
09/21 – 01/23	S.P. No. 44-14661, IDIQ SUE Services Statewide; LADOTD; Statewide, LA - Served as Project Manager and Engineer of Record , supporting 15 separate task orders involving Subsurface Utility Engineering (SUE) and utility coordination. Responsibilities included overseeing and delivering Quality Level B and Quality Level A SUE services in accordance with project-specific scopes. Conducted comprehensive QA/QC reviews of topographic survey data submitted to LADOTD to verify adherence to ASCE 38-02 guidelines. Additionally, evaluated and guided all utility coordination processes, including the development of conflict matrices and conflict resolution plans.
02/22 – 05/22	Contract 44-17598, Rural Bridge Replacement Initiative, Ph I (47 bridge structures); LADOTD; Districts 04, 05, 08, 58 – Survey Project Manager . Coordinated field crews, processed data daily, and provided QA/QC of deliverables. TBS performed control, topographic, and right of way surveys for the replacement of 47 bridge structures in northern Louisiana. Data was captured to detail the existing bridges themselves, roadways on either side, and surrounding terrain to ensure proper tie into to existing surfaces. Cross sections of the channels they cross were also surveyed to provide information for hydraulic modeling. Data is then processed and QA/QC performed and coordinated with in-house engineers designing the replacement bridges. Property surveys of affected tracts of land were also surveyed for any takings or servitudes, and these lines portrayed on right of way maps.
Prior to T. Baker Smith 04/19 – 12/19	S.P. No. H.007811.5 Comite River Diversion; LADOTD; East Baton Rouge Parish, LA – Sr. Project Manager . Responsible for field crew oversight, data processing, Title Research and QA/QC. Assisted in the development of Right of Way Maps for the construction of a diversion canal over virgin terrain from the Comite River to the Mississippi River, including bridges at multiple highway crossings.
Prior to T. Baker Smith 08/19 – 11/19	S.P. No. H.005121.5 LA 1 / LA 415 Connector; LADOTD; West Baton Rouge Parish, LA - Senior Project Manager . Responsible for field crew oversight, data processing and review, and deliverables preparation. Performed Topographic and Bathymetric surveys across approximately 2.5 miles of Virgin terrain for construction of a connector Road between LA 415 and LA 1, including a bridge over the Intracoastal Waterway.
Prior to T. Baker Smith 06/19 – 08/19	S.P. No. H.004791: LA 23: Belle Chasse Bridge and Tunnel (HBI); LADOTD; Orleans and Plaquemines Parish, LA – Sr. Project Manager . Responsible for field crew oversight, data processing and review, and deliverables preparation. Performed Topographic Survey for the construction of a bridge over the Intracoastal Waterway in Belle Chasse, LA.
Prior to T. Baker Smith 02/17 – 4/18	S.P. No. H.004987 US 190 Collins Blvd. Widening; LADOTD; St. Tammany Parish, LA - Sr. Project Manager . Performed a Topographic Survey for the widening of approximately 3 miles of US 190 in St. Tammany Parish, LA including the replacement of a bridge over the Bogue Falaya River. Coordinated with field crews, technicians, and Subsurface Utility Engineer. Provided QAQC and assisted in Deliverables preparation.
Prior to T. Baker Smith 02/16 – 02/17	S.P. No. H.005403: Hooper Road Extension; LADOTD, East Baton Rouge and Livingston Parishes, LA – Sr. Project Manager . Responsible for field crew oversight, data processing and review, and deliverables preparation. Performed Topographic and Bathymetric surveys across approximately 3 miles of virgin terrain for the design and construction of the Hooper Road Extension between Greenwell Springs Road and LA 16, including a bridge over the Amite River.
Prior to T. Baker Smith 06/16 – 2/17	S.P. No. H.000263.5 Chef Menteur Pass Bridge; LADOTD; Orleans Parish, LA - Sr. Project Manager . Responsible for Topographic/bathymetric survey, field crew coordination, and deliverables preparation. Performed Topographic Survey and assisted in Right of Way Map development for the construction of a replacement bridge along US 90 over Chef Menteur Pass.

Firm employed by: T. Baker Smith



Jeremy Cormier, PLS | Survey/SUE/Utility Coordination

Years of relevant experience with this employer	<1
Years of relevant experience with other employer[s]	9
Year registered	2024
Discipline	Professional Land Surveyor

Degree(s) / Years / Specialization BS | 2008 | Business Management

Active registration number / state / expiration date PLS.5342 | LA | 09/30/26

Contract role(s) / brief description of responsibilities:
Mr. Cormier will serve as Project Surveyor for this contract.

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].
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Jeremy Cormier, PLS has experience in managing field crews and performing office work on on-system LADOTD Topographic Surveys. He has performed CAD work and assisted in project management over 10 task orders under 3 separate Topographic IDIQ Contracts with LADOTD. Jeremy will serve as Topographic Task Lead during this contract, and in that role he will assist the Project Manager in supervising all field and office work performed on task orders. He will also assist the Project Manager in estimating task orders and producing project deliverables ahead of any project deadlines. Jeremy will be responsible for performing the initial layer of QA/QC through all phases of each task order, including the final project deliverables. His responsibilities also include training both office and field staff to ensure LADOTD standards are met on a task order.

11/25 - Ongoing SECTION 17 PROJECT	S.P. No. H.008069.5 Peters Road Bridge & Extension (Ph 3); LADOTD; Jefferson & Plaquemines Parishes, LA - Project Surveyor. Mr. Cormier provides project surveying support including control processing, level loop analysis, reviewing level runs and sketches, digital file review, spreadsheet updates, and coordination discussions as needed.
09/25 - Ongoing	S.P. No. H.016392 Vintage Dr Westbound Resurfacing (Duncan Canal to Power Blvd.); City of Kenner/LADOTD; Kenner, LA - Project Surveyor. Jeremy served as the project surveyor for the resurfacing of Westbound Vintage Drive in Kenner, LA. He was responsible for the oversight of field crews, topographic data processing, analysis and QAQC of lidar data, and deliverables preparation. Survey is complete.
08/25 - Ongoing SECTION 17 PROJECT	Contract 44-21973 IDIQ for Professional Surveying Services; LADOTD; Statewide, LA - Project Surveyor. Jeremy serves as the project surveyor for this Surveying Services IDIQ. He assists in development of man hour estimates. Jeremy coordinates with survey crews throughout the duration of the survey. He assists in the review of the topographic data collection and processing, utility research, and drainage map development. He also provides QAQC and ensures delivery according to project schedule.
Prior to T. Baker Smith 03/20 - 12/22	S.P. No. H.003931 Calcasieu River Bridge Replacement; LADOTD; Lake Charles, LA - Project Manager. Responsible for providing topographic and property surveying services for the I-10 Calcasieu Bridge Replacement. The project is in a combination of dense urban area and interstate system and is approximately 7 miles. Completed terrestrial & mobile LiDAR and conventional topographic data to replace the current bridge.

Firm employed by: T. Baker Smith



Perry Smith, Jr. | Survey/SUE/Utility Coordination

Years of relevant experience with this employer	6
Years of relevant experience with other employer[s]	18
Year registered	N/A
Discipline	N/A

Degree[s] / Years / Specialization AS | 2007 | Electronics

Active registration number / state / expiration date N/A

Contract role(s) / brief description of responsibilities:

Mr. Smith will serve as Senior Technician and provide SUE services for the 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 years of experience specified in the applicable MPR[s].
Perry Smith, Jr. is a SUE Project Manager with over 22 years of experience in the utility field and has served in various roles. His field experience for LADOTD projects began in 2017 where he has been involved in dozens of SUE projects of various sizes across the state of Louisiana. He has participated in all stages of a utility project from field data collection to final deliverable preparation. Perry has a thorough knowledge of ASCE 38-22, and the technology required to achieve the necessary quality levels. He is a certified ATSSA Traffic Control Supervisor (TCS).	
12/23 - Ongoing	North Columbia Street Bridge Replacement; City of Covington; Covington, LA – SUE Project Manager. Responsible for all Subsurface Utility Engineering Quality Level A and Quality Level B services and performed QA/QC on the topographic survey submitted to the City of Covington to ensure compliance with ASCE 38-02.
06/21 – 10/23 SECTION 17 PROJECT	S.P. No. H.003931.5, Calcasieu River Bridge (HBI); LADOTD; Calcasieu Parish, LA – Task Manager. Managed all Quality Level A SUE services and provided QA/QC for Quality Level B SUE services to ensure compliance with ASCE 38-02. Performed records research for all utility companies and verified all available records were obtained.
03/22 – 09/22	MovEBR Plank – Nicholson, Subsurface Utility Engineering; City/Parish of Baton Rouge; Baton Rouge, LA – SUE Field Manager. Providing SUE services with the 15 designated project sites in general accordance with the recommended practices and procedures described in ASCE Publication CI/ASCE 38-22, Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data.
01/22 – 07/22	S.P. H.012541.5, LA 594, Overpass I-20; LADOTD; Ouachita Parish, LA – Field Manager. Managed the field staff providing Subsurface Utility Engineering Quality Level B and Quality Level C services and performed QA/QC on the field data.
10/21 – 03/22	S.P. H.014747.5, Southern University Ravine Protection; LADOTD; East Baton Rouge Parish, LA – Field Manager. Managed the field staff providing Subsurface Utility Engineering Quality Level B and Quality Level C services and performed QA/QC on the field data. Ensured all work was completed within the truncated time frame.
11/21 – 02/22	S.P. H.014670.5, LA 1270: LA 77 to End of Control Section; LADOTD; Iberville Parish, LA – Field Manager. Managed the field staff providing Subsurface Utility Engineering Quality Level B and Quality Level C services and performed QA/QC on the field data. Ensured all work was completed within the truncated time frame. LADOTD Location and Survey field staff performed the topographic survey and we ensured a smooth working environment for data collection.

Firm employed by: Ardaman & Associates, Inc.				
	Megan Bourgeois, PE <i>Geotech</i>		Years of relevant experience with this employer	20
			Years of relevant experience with other employer[s]	0
	Degree(s) / Years / Specialization	BS 2006 Civil Engineering Traffic Control Supervisor LA 6/21/28 DOTD Flagger LA 8/14/28 Certified NHI Drilled Shaft Inspector	Year registered	2011
	Active registration number / state / expiration date	0036725 LA 03/31/28	Discipline	Civil
Contract role(s) / brief description of responsibilities: Ms. Bourgeois will provide geotechnical services.				
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].			
Ms. Bourgeois has more than 20 years of experience with design and analyses of countless types of foundations including shallow, embankment settlement analysis, deep foundations (pile and drilled shafts), LRFD design, FHWA & GEC design, slope stability (embankment and excavation), and earth retaining structures. She also has extensive experience with geotechnical instrumentation, installation and monitoring, and construction phase testing and laboratory management. She has served as Ardaman's project manager for many LADOTD projects for bridges and roadways throughout Louisiana and completed numerous geotechnical investigations, engineering, and reporting in accordance with LADOTD standards. She has successfully overseen several major contracts for LADOTD and other clients. Ms. Bourgeois also serves as the director of our geotechnical engineering and CMT laboratories in Baton Rouge and has overseen the laboratory testing programs in accordance with LADOTD standards. In this role, she supervises the laboratory managers, 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.				
07/23-Ongoing SECTION 17 PROJECT	SP NO. H.013284 / MRB SOUTH GBRL: LA 1 TO LA 30 CONNECTOR: West Baton Rouge, Iberville, Ascension, and East Baton Rouge Parishes, LA. Project Engineer. The project consists of an Enhanced Planning investigation into S.P. No. H.013284, MRB South GBR: LA 1 to LA 30 Connector, with the objective of constructing a new Mississippi River crossing located between the I-10 and LA 70 River crossings from three proposed alignments. Ms. Bourgeois helped oversee supervision of the field program, development of the laboratory testing program, quality control review, and development of an interactive geotechnical database to compile all the soil borings and ECPT. The preliminary engineering analyses included caisson design, driven piles, drilled shafts, embankments, proposed alignment comparisons, environmental concerns, and testing program recommendations.			
09/20-12/25	SP NO. H.013897 / COLLEGE DR FLYOVER RAMP I-10 / I-12: Baton Rouge Parish, LA. Project Engineer. Ardaman's scope of services was to provide geotechnical engineering and construction materials testing support services during construction. Ms. Bourgeois assisted with the preliminary engineering analyses, review and acceptance of all geotechnical services including technical design reports, field documentation, drawings, and RFI's for the construction of a flyover ramp on I-10.			
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. 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, over various size rivers and creeks. Ms. Bourgeois leads technical reviews pertaining to selection of design reaches, geotechnical design of pile foundations, drivability, slope stability, settlement analyses, construction testing program recommendations, and report preparation in accordance with LADOTD guidelines.			

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 time years of experience specified in the applicable MPR(s).]
02/20 - Ongoing	SP NO. H.004791 / 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 for the P3 Project consisting of replacing the Belle Chasse bridge and tunnel. 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 as quality control and review of all acceptance verification sampling and testing during construction.
10/15 - Ongoing	SP NO. H.013579 / PECUE LANE I-10 INTERCHANGE: East Baton Rouge Parish, LA. Project Manager. This project consists of twin bridges with MSE wall abutments for both bridges crossing Interstate I-10, a bridge crossing Ward’s Creek, and on/off-ramps in south Baton Rouge. Ms. Bourgeois managed all aspects of the project that included field investigations, laboratory testing, and engineering design. Ms. Bourgeois performed analyses including settlement estimates with recommendations for monitoring, driven pile design including down drag considerations, MSE Wall design, slope stability and pavement section recommendations; all completed according to DOTD standards. She is currently assisting with the field construction monitoring.
10/09 - Ongoing SECTION 17 PROJECT	SP NO. H.004646.5 / I-20 MISSISSIPPI RIVER BRIDGE REVIEW: Vicksburg, MS. Project Manager. Ms. Bourgeois manages this multimillion-dollar, highly technical project consisting of investigating movement of the I-20 Bridge in Vicksburg, MS. She managed a highly technical team including academia, 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, x-ray scanning to identify existing shearing planes and stress-reversal direct shear tests to determine true residual angles of critical strata. She was instrumental in designing the geotechnical instrumentation program for this project including vibrating wire piezometers, Casagrande type piezometers, SAA inclinometers, and traditional inclinometers. In addition, Ms. Bourgeois performed seepage and drawdown analyses, slope stability analyses, evaluation of remedial measures including design and evaluation of large foundation structures and developed technically feasible solutions to mitigate ground movement. She co-authored the geotechnical analysis and design report. She is currently overseeing the comprehensive monitoring program.
03/13 - 10/14	SP NO. H.010600.5 / IATT AND NANTACHIE LAKE DAMS EVALUATION & REMEDIATION: Grant Parish, LA. Project Manager. Served as project manager for the project that included a geotechnical engineering evaluation of the earthen dams for two lakes in Grant Parish for slope stability issues. The study included initial site reconnaissance, review of available design, construction, inspection and repair documents, collection of additional field and laboratory data and engineering analyses to develop recommendations for repairs and longterm geotechnical performance monitoring.
05/06 - 12/11	SP NOs. 700-29-0112 & 700-29-0130 / LA 1 – PHASES 1 & 2: Lafourche Parish, LA. Assistant Project Engineer. This project is the second phase of the 17-mile elevated highway spanning from Golden Meadow to Fourchon. Ms. Bourgeois directed the laboratory testing program to ensure strict adherence to LADOTD standards and managed the drilling operations which included deep borings and CPT soundings in the coastal marshes via airboat-mounted equipment. She oversaw the completion of over 70 soil boring logs and evaluated and presented approximately 300 CPT sounding logs for use in design of pile foundations.

Firm employed by: Ardaman & Associates, Inc.				
	Mark Woodward, PE <i>Geotech</i>		Years of relevant experience with this employer	8
			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
	Active registration number / state / expiration date	24206 LA 9/30/2027	Discipline	Civil
Contract role(s) / brief description of responsibilities: Mr. Woodward will serve as Project Engineer for this contract.				
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. Woodward served as a geotechnical engineer for 36 years in the geotechnical branch of USACE New Orleans District, retiring as the Deputy Chief of the Geotechnical Branch and Dam and Levee Safety Program Manager. He was responsible for managing all departments in the branch including engineering, drilling, soils laboratory, dredge material testing, concrete testing, and administration. Mr. Woodward has considerable experience designing and managing various types of projects on the Mississippi River, Atchafalaya Basin and Storm Surge Levees in Southeast Louisiana, Mississippi and Texas, as well as mitigation and coastal projects in Louisiana. These projects included design of major foundation elements for dams, earthen levees, hydraulic structures, floodwalls, revetments, channel stabilization, bank degrading, ground improvement, deep excavations, relief wells, wick drains, dewatering systems, seepage and stability berms, preloads, reinforced levees and marsh creation for mitigation, coastal restoration and protection and beneficial use of dredge material in marsh and coastal environments with field investigations requiring use of specialized marine and marsh drilling equipment. Since 2018, Mr. Woodward has served as Principal Geotechnical Engineer of Ardaman for Louisiana, Mississippi, Alabama, Arkansas, and Texas. Mr. Woodward provides oversight and review of design major foundation elements for transportation, industrial, commercial, and municipal projects.				
11/21 - Ongoing	SP NO. H.012030 / US 371: KCS RAILROAD OVERPASSES HBI: Webster Parish, LA. Principal Engineer. The project consists of construction of three bridges for US 371 KC Railroad overpasses that replaced two parallel bridges and one standalone bridge. Ardaman performed the geotechnical investigation and engineering analysis for drilled shafts and made advanced test shaft recommendations.			
04/21 - 01/25	SP NO. H.013987 / RURAL BRIDGES PHASE I: Claiborne Parish, LA. Principal Engineer. The Rural Bridges project initiative consists of replacing many older bridges throughout the State of Louisiana. Mr. Woodward provided review of the geotechnical design including pile foundations for 3 bridges.			
01/19 - 12/23	SP NO. H.008226 / CHENIERE SPILLWAY & BRIDGE REPLACEMENT: Ouachita Parish, LA. Principal Engineer. Mr. Woodward served as the Principal Engineer for this project which included the replacement of the current damaged spillway and bridge structure in Ouachita Parish, Louisiana.			
10/18 - 1 1/21	SP NO. H.003370 / I-220 / I-20 INTERCHANGE IMPROVEMENT AND BARKSDALE AIRFORCE 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 oversight for this project, reviewing the work during the design and construction phase.			
05/18 - 09/19	SP NO. H.001344 / US 190: LA 437 TO USE 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.			

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 time years of experience specified in the applicable MPR[s].
05/18 - 08/19	SP NO. H.011152.5 / I-12 WIDENING (US 190 to LA 59): St. Tammany Parish, LA. Principal Engineer. Mr. Woodward provided technicaloversight for this project which included the widening of I-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. Mr. Woodward provided oversight to perform additional soil borings, lab testing and engineering analyses for a retaining wall for one of the bridge abutments
05/18 - 07/18	IMTT ACCESS ROAD PAVEMENT, AVONDALE: Jefferson Parish, LA. 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.
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.
2014 - 2018	DAM AND LEVEE SAFETY PROGRAM, USACE NEW ORLEANS DISTRICT: LA. Dam and Levee Safety Program Manager. Mr. Woodward served as the USACE New Orleans District Levee Safety Program Manager for over four years, responsible for Levee Evaluation Reports for Levee Certifications and the National Flood Insurance Program, Levee Inspection Reports on over 1300 miles of levee on an annual basis, Risk Assessments and Communication for all levees in the District's jurisdiction. Responsible for final Section 408 permitting approval to ensure that construction activities do not increase risk or diminish function of levees and do not cause harm to the public.
2006	HOMEPLACE LEVEE WITH GROUND IMPROVEMENT, P24: Plaquemines Parish, LA. Lead Geotechnical Engineer. In the aftermath of Hurricane Katrina, Mr. Woodward was assigned to USACE Task Force Guardian as Geotechnical Engineer for Plaquemines Parish to restore levee damage to pre-Katrina conditions. The Homeplace Floodwall had translated due to loading and had to be removed. In order to replace the risk reduction system with an earthen levee, the foundation had to be improved. Using knowledge gained from full scale test section Mr. Woodward had coordinated pre-Katrina for Deep Mixing. Mr. Woodward designed ground improvement and reviewed/approved all construction submittals and oversaw construction.

Firm employed by: Ardaman & Associates, Inc.			
	Jessica N. Litt <i>Geotech</i>		Years of relevant experience with this employer 12
			Years of relevant experience with other employer[s] 0
	Degree[s] / Years / Specialization	BS 2010 Biology	Year registered n/a
	Active registration number / state / expiration date	NICET Generalist, Laboratory No. 141243 10-01-2027	Discipline n/a
Contract role(s) / brief description of responsibilities: Ms. Litt will fulfill the role of Laboratory Manager.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR[s].		
Ms. Litt serves as Laboratory Manager of Ardaman's Baton Rouge laboratory which is under the direction of a Registered Professional Engineer. She supervises and manages operations of our AMRL Certified, DEQ Accredited, and USACE-validated laboratory and performs and oversees laboratory testing assignments, organizes, and schedules testing, trains and develops technicians, and supervises five laboratory technicians. Ms. Litt is experienced conducting soil mechanics laboratory testing in accordance with appropriate AASHTO and LADOTD testing protocol, which includes Soil Classification, Atterberg Limits, Grain Size Analysis, Gradation Testing, Organic Content, Hydrometer Analysis, Moisture Content, Consolidation Testing, Hydraulic Conductivity, pH, Resistivity, Strength Testing (Unconfined, Unconsolidated-Undrained Triaxial, Consolidated-Undrained Triaxial), Direct Shear, Specific Gravity, and Permeability of Granular Soils.			
03/25 - Ongoing	SP NOs. H.016313.5, H.016314.5, H.016315.5, H.016316.5, H.016317.5, H.016318.5, H.016319.5, H.016320.5, H.016325.5 / CULVERT REPLACEMENTS: Rapides, Richland, Vernon, Winn, Evangeline, Jackson, St. Landry Parishes, LA. Laboratory Manager. Oversaw the completion of a comprehensive laboratory testing program for 100 deep soil borings that included Atterberg Limits, Moisture Content, Visual Classification, Fines Content, Gradation Analysis, Organic Content, Particle Size Analysis, Hydrometer, Unit Weight of Undisturbed Samples, and UU Strength Tests in accordance with LADOTD guidelines. Ms. Litt entered the laboratory test results into gINT in order to produce the LADOTD soil boring logs.		
08/24 - Ongoing	SP NOs. H.015568.5, H.015569 / LA 44 ROUNDABOUTS & WIDENING: Ascension Parish, LA. Laboratory Manager. Oversaw the completion of a comprehensive laboratory testing program for 10 deep and 14 shallow soil borings that included Atterberg Limits, Moisture Content, Visual Classification, Fines Content, Gradation Analysis, Organic Content, Particle Size Analysis (Hydrometer), Unit Weight of Undisturbed Samples, and UU Strength Tests in accordance with LADOTD guidelines. Ms. Litt entered the laboratory test results into gINT to produce the LADOTD soil boring logs.		
07/23 - Ongoing	SP NO. H.013284 / MRB SOUTH GBRL: LA 1 TO LA 30 CONNECTOR: West Baton Rouge, Iberville, Ascension, and East Baton Rouge Parishes, LA. Laboratory Manager. Oversaw the completion of a comprehensive laboratory testing program for 18 deep soil borings that included Atterberg Limits, Moisture Content, Visual Classification, Fines Content, Gradation Analysis, Organic Content, Particle Size Analysis (Hydrometer), Unit Weight of Undisturbed Samples, and UU Strength Tests in accordance with LADOTD guidelines. Ms. Litt reviewed the consolidation test results and entered the laboratory test results into gINT in order to produce the LADOTD soil boring logs.		
07/23 - Ongoing	SP NOs. H.015489, H.015490, H.015491, H.015492 / IJA: OFF-SYSTEM BRIDGES: Allen, Beauregard, and Calcasieu Parishes, LA. Laboratory Manager. Oversaw the completion of a comprehensive laboratory testing program for 10 deep soil borings that included Atterberg Limits, Moisture Content, Visual Classification, Fines Content, Gradation Analysis, Particle Size Analysis (Hydrometer), Unit Weight of Undisturbed Samples, and UU Strength Tests in accordance with LADOTD guidelines. Ms. Litt entered the laboratory test results into gINT to produce the LADOTD soil boring logs.		

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 time years of experience specified in the applicable MPR[s].
10/09 - Ongoing SECTION 17 PROJECT	SP NO. H.004646.5 / I-20 MISSISSIPPI RIVER BRIDGE REVIEW: Vicksburg, MS. Laboratory Manager. Assisted with completion of a comprehensive laboratory testing program that included Atterberg Limits, Moisture Content, Visual Classification, Fines Content, Gradation Analysis, Triaxial Permeability (constant head), Conventional Incremental Consolidation, Organic Content, Particle Size Analysis (Hydrometer), Unit Weight of Undisturbed Samples, and UU Strength Tests.
04/14 - 03/22	SP NO. H.004435 / I-12 TO BUSH SEGMENT 2, LA 3241: St. Tammany Parish, LA. Laboratory Technician. Assisted with completion of a comprehensive laboratory testing program that included Atterberg Limits, Moisture Content, Visual Classification, Fines Content, Gradation Analysis, Triaxial Permeability (constant head), Conventional Incremental Consolidation, Organic Content, Particle Size Analysis (Hydrometer), Unit Weight of Undisturbed Samples, and UU Strength Tests.
10/18 - 06/21	SP NO. H.000263.5-1 / CHEF MENTEUR PASS BRIDGE AND APPROACH: Orleans Parish, LA. Laboratory Technician. Assisted with completion of a comprehensive laboratory testing program that included Atterberg Limits, Moisture Content, Visual Classification, Fines Content, Gradation Analysis, Triaxial Permeability (constant head), Conventional Incremental Consolidation, Organic Content, Particle Size Analysis (Hydrometer), Unit Weight of Undisturbed Samples, and UU Strength Tests.
11/15 - 01/21	SP NOs. 700-29-0112, 700-29-0130, H.012565, H.012891, H.014251, H.014252, H.014253, H.014254, H.014256, H.014257 / MACARTHUR INTERCHANGE COMPLETION PHASE 2, ROUTE US 90-Z: Jefferson Parish, LA. Laboratory Technician. Assisted with completion of a comprehensive laboratory testing program that included Atterberg Limits, Moisture Content and Visual Classification, Fines Content, Sieve Analysis, Triaxial Permeability (constant head), Conventional Incremental Consolidation, Particle Size Analysis (Hydrometer), Unit Weight of Undisturbed Samples, and UU Strength Tests.
04/14 - 05/18	SP NO. H.004113 / I-12 TO BUSH SEGMENT 3, LA HWY. 3241 (LA 435 TO LA 40 / 41): St. Tammany Parish, LA. Laboratory Technician. Assisted with completion of a comprehensive laboratory testing program that included Atterberg Limits, Moisture Content and Visual Classification, Fines Content, Sieve Analysis, Triaxial Permeability (constant head), Conventional Incremental Consolidation, Unit Weight, Particle Size Analysis (Hydrometer), and UU Strength Tests.

Firm employed by: Mott MacDonald			
	Charles Pilson, PhD, PE (NC) Asset/Program Management		Years of relevant experience with this employer 8
			Years of relevant experience with other employer[s] 30
	Degree(s) / Years / Specialization	BS 1987 Civil Engineering MS 1996 Civil Engineering PhD 1999 Civil Engineering	Year registered 2005
	Active registration number / state / expiration date	031542 North Carolina 12/31/26	Discipline Civil
Contract role(s) / brief description of responsibilities: Dr. Pilson will serve as the Asset Management Subject Matter Expert for this contract.			
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).		
Dr. Pilson is an expert in transportation infrastructure asset management and has been working in the field for over thirty years. He has specialized in asset management consulting, and in leading business process and software implementations to assist state DOTs in managing asset life and optimizing asset investment trade-offs. He has been intimately involved in multiple asset management projects including Transportation Asset Management Plans (TAMPs), data quality management plans, risk studies and frameworks, business process re-engineering and pavement and bridge management. Prior to joining Mott MacDonald, Charles served as a Senior Project Engineer, Project Manager, and Product Manager for AgileAssets Inc. and was responsible for managing implementations of Asset Management and Maintenance Management software for multiple transportation agencies including numerous State Departments of Transportation (DOTs), counties and toll authorities. Dr. Pilson is well known within the asset management community. He was an active member of the TRB Asset Management (AJE30) committee for many years and was the founding chair of the TRB Maintenance Management Systems Committee (AKT70). He is currently Section Chair of AKJ00 Section - Management Systems for Construction and Maintenance.			
07/25 - Ongoing	Asset Management Support for Maryland SHA, Statewide, MD: Program manager for multiple Task Orders for asset management at Maryland State Highway Administration (MD SHA). Work includes supporting the maintenance management system, and the Director's Office Asset Management Program. This on-call contract was issued to formalize and implement asset management practices within MDOT SHA and support asset class sponsor offices and Districts. The project scope includes all functions needed to: develop and implement asset management plans, integrate performance with risk and asset management practices across MDOT SHA, collect and manage asset data, adopt and implement lifecycle planning framework(s), recommend optimized budget allocations to achieve state of good repair and system performance objectives, and support Districts through project delivery.		
07/24 - Ongoing	Determining a Cost Driven Transportation Maintenance and Operations Distribution and Needs Process, Minnesota Department of Transportation (MnDOT), Statewide, MN: Project technical lead and project principal to develop a new process and methodology to disseminate maintenance funds to MnDOT districts and to determine Total Cost of Ownership (TCO). This project involved analysis of detailed maintenance management system data to determine costs per asset type and activity for each of MnDOT districts and using this data to set up a sophisticated tool to allow MnDOT both a) distribute their maintenance budget across the districts based on lifecycle cost considerations, as well as b) be able to set performance targets across all the main activities to be able to ascertain budget needs.		
02/23 - Ongoing	Maintenance Management System (MMS) Budget Development, Tennessee Department of Transportation (TDOT), Statewide, TN: Subject Matter Expert to assist TDOT in developing methodologies to distribute budget for TDOT. This project developed two main methodologies for TDOT and made recommendations regarding each: 1) an updated version of the currently used level of service formula, and 2) using asset lifecycle strategy modeling and optimization analysis.		

Firm employed by: Mott MacDonald	
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).]
11/21 - Ongoing	Pavement and Bridge Management Implementation, City of Raleigh DPW, Raleigh, NC: Assisted the city with management of pavement data collection, including development of data dictionary, data quality management plan (DQMP) and RFP. Assisted with implementation of a PMS which included engineering configurations such as deterioration and improvement models, decision trees, and reporting.
05/20 - Ongoing	TAMP Implementation, West Virginia Department of Transportation (WVDOT), Statewide, WV: Sr. Subject Matter Expert to support WVDOT with implementation and associated processes. Includes TAMP standard operating procedure (SOP) development, implementation and training to support bridge/pavement management SOP, consistency review and Mid Performance Period Progress Report support; PMS & BMS model validation, calibration enhancements; and TAMP annual updates.
07/23 - 08/26	Bridge Management Support Term Agreement, New Jersey Department of Transportation: Project principal and subject matter expert on general asset management and risk for NJDOT’s advanced Bridge Management System (BMS). The project involved detailed configuration enhancements of NJDOT’s Bridge Management System (BMS), AASHTOWare Bridge Management (BrM). This enabled NJDOT to begin using the BMS for bridge project programming and long term projections of federal bridge metrics under different budget scenarios.
11/21 - 11/25 SECTION 17 PROJECT	Three Day Bridge Management System Workshops, FHWA, Numerous Locations, US: Co-author for instructional materials and instructor for the “Workshop for Bridge Management Systems” under FHWA Project TOPR Number HIF180062PR. This project is under an ICF IDIQ. The workshop provides quality software-neutral instruction and guidance for agency practitioners including concepts from AASHTOWare BrM, AgileAssets/Trimble Structures Analyst, and Deighton DTIMS. Workshop was delivered to over 30 agencies.
04/23 - 09/24	Integration of Asset Management into the Transportation Planning and Programming Process (USDOT), Washington, DC: Subject Matter Expert to develop case studies, conduct asset management peer exchanges, and conduct webinars highlighting integration of asset management into the transportation planning and programming process. The project involved numerous interviews of agencies across the country, facilitating peer exchanges, and a final report containing recommendations for integration of asset management and project programming.
08/22 - 04/24	National Cooperative Highway Research Program (NCHRP) project 08-118, Risk Assessment Techniques for Transportation Asset Management: Subject Matter Expert to develop enhanced techniques to consider and evaluate asset management-related risks as part of investment decision-making practices. . The project also involved developing strategies and procedures for risk mitigation and response with applicable tools and tracking mechanisms, and developing implementation guidance, including practical tools and techniques for incorporating risk and uncertainty, as well as possible measures of asset resilience that can be integrated into risk assessment procedures in support of national, state, and local asset performance goals.
01/23 - 12/23	Pavement and Bridge Management Implementation, Hillsborough County Department of Public Works (DPW), Tampa, FL: Bridge Management Co-Lead for the development of the bridge management system (BMS) configuration for the county’s desired bridge management functionality. The project includes the development of maintenance, preservation and rehab actions, action rules and effects modelling, deterioration models, and GIS integration.
07/19 - 04/21	Bridge Maintenance Best Practices Study, South Carolina Department of Transportation, Statewide, SC: Project Lead for the management tools aspect of this review of the department’s bridge inspection program and bridge maintenance and replacement program. The intent is to improve the programs and provide the proper assurances to the public regarding the structure and operation of the programs. This review is expected to produce a comprehensive report for the Secretary of Transportation, which may also be provided to the members of the South Carolina General Assembly and published for public readership.
05/09 - 06/12	Implementation for Louisiana Department of Transportation and Development ERP/EAMS (LADOTD), LA: Senior project manager and Maintenance Management functional lead for the implementation for LADOTD ERP/EAMS. This entailed starting up the project, conducting the reconciliation (or blueprint) phase, and the implementation phase including interface design and development.

Firm employed by: Mott MacDonald				
	David Juntunen, PE (MI) Asset/Program Management		Years of relevant experience with this employer	5
			Years of relevant experience with other employer[s]	39
	Degree[s] / Years / Specialization	BS 1986 Civil Engineering	Year registered	1991
	Active registration number / state / expiration date	6201036783 Michigan 03/18/2027	Discipline	Civil
Contract role(s) / brief description of responsibilities: Mr. Juntunen will serve as the Bridge Management Subject Matter Expert for this contract.				
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. Juntunen has extensive experience as a bridge engineer and manager including bridge asset management, bridge design, structural research, and bridge operations. This includes consulting experience at the federal, state, and local agency level and 31 years of experience with the Michigan Department of Transportation where Mr. Juntunen led the development and implementation of Michigan's bridge program from 2002 to 2018, using an effective mix of fixes including preservation, rehabilitation, and replacement projects to improve Michigan's freeway bridge condition from 79 percent good or fair to 95 percent good or fair, achieving the department's strategic goal. He is a nationally recognized leader in structures management and bridge preservation where he is co-chair of the AASHTO TSP2 national working group for Bridge Management Systems.				
07/23 - Ongoing	Bridge Management Support Term Agreement, New Jersey Department of Transportation: Project manager and lead subject matter expert for technical support and enhancement of NJDOT's advanced Bridge Management System (BMS) functions using AASHTOWare Bridge Management (BrM), including scenario modeling, optimization, risk assessment, and other complex functionality to implement the Transportation Asset Management Plan (TAMP), and Performance Management (PM2) for Bridges within the Department.			
02/24 - Ongoing	Safety Inspection and Evaluation of Functional System for Highway Tunnels and Moveable Bridges, Federal Highway Administration: Subject matter expert for project to develop reference material that will allow tunnel owners and moveable bridge owners to refine the specific inspection procedures for the inspection, evaluation, and maintenance of tunnel functional systems and moveable bridge systems.			
01/23 - 03/26	Bridge Management System Implementation, Hillsborough County, Tampa, Florida: Bridge Management lead for developing the Bridge Management System configuration for the County's desired bridge management functionality. The project includes the development of maintenance, preservation and rehab actions, action rules and effects modelling, deterioration models, and GIS integration.			
11/21 - 11/25 SECTION 17 PROJECT	FHWA Bridge Management System Workshops, FHWA, Washington, DC: Co-author for three-day workshop instructional materials and workshop instructor. This project included development of all workshop material including presentations, outlines, presenter guide, participant workbook, exercise worksheets, and module selection guidelines. Under the original work order in-person and virtual workshops were successfully delivered in Louisiana, New Jersey, New Hampshire, Idaho, Virginia, West Virginia, Alabama, Texas, North Carolina, Wyoming, and USDOT Federal Lands. The project team was awarded a continuation of delivery of the workshop through 2026. Under the new award, workshops have been delivered to North Dakota and South Dakota, Vermont, Montana, Kansas, Illinois, and FHWA regional divisions.			

Firm employed by: Mott MacDonald

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).]
07/21 – 11/22 SECTION 17 PROJECT	Bridge Management System Implementation, Louisiana Department of Administration and Department of Transportation and Development, Louisiana: Project manager and lead subject matter expert for the development and implementation of AgileAssets Structures Analyst software to meet Louisiana DOTD bridge management needs. This project includes doing advanced NBI General Condition Rating and element deterioration modelling, treatment configuration, and decision tree development for optimization analysis, strategic investment planning, reporting, and performance measure dashboard development.
10/20 - 01/22	Bridge Management System Implementation, Kansas Department of Transportation, Kansas: Lead subject matter expert for the development and implementation of AASHTOWare Bridge Management (BrM) software to meet Kansas DOT bridge management needs. This project included doing advanced NBI General Condition Rating deterioration modelling, treatment configuration, and decision tree development for optimization analysis, strategic investment planning, reporting, and performance measure dashboard development.
06/20 – 06/22	AASHTO Movable Bridge Element Review: Advise the AASHTO Committee for Bridges and Structures, Technical Committee T-8 on bridge elements and defects for movable bridge structural, electrical, and mechanical components. The elements will be compatible with modern Bridge Management Systems.
09/21 – 05/22	Peer Review – Bridge Maintenance Management, Minnesota Department of Transportation: Project manager and Bridge Management Subject Matter Expert for project to do a peer review of bridge maintenance practice and provide recommendations to the Minnesota DOT.
03/20 – 06/21	Performance Audit of the Ohio Department of Transportation Highway Management and Maintenance practices, OH: Bridge Management Subject Matter Lead for review of Ohio DOT bridge management practice and determination if their program complies with the minimum requirement for a Bridge Management System set by 23 CFR 515.17.
07/19 – 04/21	Bridge Maintenance Best Practices Study, South Carolina Department of Transportation, Columbia, SC: Project Lead and Subject Matter Expert for a review of SCDOT’s bridge program including bridge management and Bridge Management Systems.
08/18 – 04/19	Asset Management Planning for 2019-Bridge Management, Minnesota Department of Transportation (MNDOT), MN: Bridge Management Subject Matter Expert for project to define high level requirements for the existing bridge inspection, maintenance, and management business processes, with deliverables of “to be” business process documents and recommended Bridge Management functional requirements.

Firm employed by: Mott MacDonald				
	Rob Von Schimmelmann Asset/Program Management		Years of relevant experience with this employer 3	
			Years of relevant experience with other employer[s] 19	
	Degree(s) / Years / Specialization	BS 2003 Business Administration MS 2017 Business Administration	Year registered	N/A
	Active registration number / state / expiration date	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities: Mr. Von Schimmelmann will serve as the Maintenance and Asset Manager Subject Matter Expert for this contract.				
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].			
11/24 - Ongoing	South Carolina Department of Transportation: Transportation Asset Management Plan Update – Creating a template for the state TAMP to adhere to best practice, meet the criteria of the 65 FHWA checklist items and assisting on the TAMP submission process. Acted as both the project manager and quality assurance on documents created. Led effort to map 100-year flood zones to existing roadways to determine possible flood candidates for remediation. Provided guidance on Asset Management education and professional events for staff to attend.			
08/24 - Ongoing	Tennessee Department of Transportation: Maintenance Management Budgeting – Assisting in the creation of a performance-based budget and a framework for asset budget optimization. Provided project management and analysis of asset treatments for budget optimization. Guided client through RFP process for needs and mapping current and to-be processes. Surveyed and interviewed other states, analyzed data, and reported findings and recommendations on municipal maintenance agreements for best practices and most effective practices			
5/24 - Ongoing	Minnesota Department of Transportation: Budget Allocation Formula Development – Analysis of current budgeting process, and development of a new budget distribution formula involving need, risk and an optimized approach to spending tradeoff between assets. Performed analysis of snow and ice operations, reviewed asset management lifecycle process, and analyzed roadway, drainage, bridge, and traffic operations to generate performance-based budgeting.			
9/23 - Ongoing	Berrien County, MI: Bridge Management Staff Augmentation – Providing supplemental bridge and culvert management support to the County. Led effort to map County annual needs and reporting requirements. Assisted County with creating an inspection tool for culverts. Created requirements for Survey MS4 inspection tool to be incorporated into ESRI dashboard application.			
09/23 – 08/26	Bridge Management Support Term Agreement, New Jersey Department of Transportation: Deputy project manager and subject matter expert on maintenance management for NJDOT's connection of the bridge management system with existing maintenance management software processes.			
09/23 – 09/25	West Virginia Department of Highways: ERP Implementation - Implementation of a Fleet management system for more than 1,000 users. Acted as owner representative with configuration, oversaw integration process design and adherence, end user and train-the-trainer training, and go-live support. Provided guidance to yards on proper usage of processes in both maintenance management and fleet management systems. Subject matter expert and quality review for federal reimbursement process review and toll credits process review.			

Firm employed by: Mott MacDonald			
	Massoud Nasrollahi, PhD, PE (VA) Asset/Program Management		Years of relevant experience with this employer 1
			Years of relevant experience with other employer[s] 19
	Degree(s) / Years / Specialization	PhD 2014 Civil Engineering	Year registered 2016
	Active registration number / state / expiration date	0402056964 Virginia 12/31/26	Discipline Civil
Contract role(s) / brief description of responsibilities: Dr. Nasrollahi will serve as the Bridge Technical Subject Matter Expert for this contract.			
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].		
Dr. Nasrollahi is a Principal Project Manager and Bridge Maintenance and Management Engineer with over 20 years of experience, including 15+ years supporting state departments of transportation in bridge asset management, maintenance planning, and investment strategy development. He specializes in developing strategic work plans for the preservation, rehabilitation, and replacement of large bridge inventories using AASHTOWare BrM and other analytical tools. His expertise includes deterioration modeling, life-cycle cost analysis, treatment effectiveness, performance forecasting, and multi-year optimization of bridge investments at both the project and network levels. He translates element-level condition data, engineering needs, available contracts, and funding constraints into prioritized, data-driven work programs that balance performance targets, service-life extension, and agency objectives. Dr. Nasrollahi develops custom spreadsheets with Python-based analytical applications and Power BI dashboards to support decision-making, communicate results, and evaluate alternative investment strategies. He works closely with bridge and structures divisions across multiple state DOTs to deliver practical, defensible, and cost-effective bridge management solutions.			
05/26 - Ongoing	Life Cycle Cost Analysis of Bridges For California Department Of Transportation (Caltrans). Technical Lead. Lead conducting life cycle cost analysis of various design alternatives.		
03/26 - Ongoing	Bridge Management Systems Idaho Department of Transportation. Technical Lead. Provides technical leadership for bridge management analyses supporting ITD's TAMP update. Assist with bridge performance forecasting, AASHTOWare BrM analyses, condition assessment reporting, funding needs evaluation, and development of bridge-related TAMP deliverables		
02/26 - Ongoing	Bridge Management Systems Delaware Department of Transportation. Technical Lead. Provides technical leadership for bridge management analyses supporting DelDOT's TAMP. Assist with AASHTOWare BrM configuration, bridge performance forecasting, funding scenarios, and development of bridge-related TAMP analyses, tables, and performance measures.		
07/25 - Ongoing	Bridge Management for New Jersey Department of Transportation. Technical Lead. Lead the implementation and configuration of AASHTOWare Bridge Management (BrM) to support bridge management and TAMP development. Direct the development of bridge element specifications, deterioration models, optimization functions, NBI conversion profiles, life-cycle planning strategies, repair policies, and investment analyses. Support long-term funding forecasting, scenario development, performance target evaluation, and decision-making for bridge preservation, rehabilitation, and replacement programs.		
07/25 - Ongoing	Bridge Management for South Carolina Department of Transportation. Technical Lead. Lead development and calibration of bridge management system components including deterioration models, optimization analyses, NBI conversion profiles, treatment strategies, life-cycle planning methodologies, and investment planning processes in AASHTOWare BrM. Support bridge performance forecasting and funding needs analyses for SCDOT's TAMP.		

Firm employed by: Mott MacDonald	
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).].
07/25 - Ongoing	Bridge Management for West Virginia Department of Transportation. Technical Lead. Lead development and implementation of bridge management system methodologies within the dTIM platform, including deterioration models, optimization analyses, life-cycle planning strategies, and bridge investment decision-support tools. (dTIM Program)
07/25 - Ongoing	SNBI Implementation for Alaska DOT. Technical Lead. Lead implementation of the Specifications for the National Bridge Inventory (SNBI) by extracting, validating, and transforming bridge inventory information from bridge plans and inspection records into SNBI-compliant formats.
07/25 - Ongoing	Bridge Management for the City of Raleigh. Technical Lead. Lead implementation and enhancement of the AgileAssets Bridge Management System, including deterioration modeling, optimization analyses, treatment effectiveness, life-cycle planning, and budgeting strategies to support bridge and culvert capital investment planning
07/25 - Ongoing	Bridge Management System for Berrien County, Michigan. Technical Lead. Lead development of an ArcGIS-based bridge management tool integrating bridge inventory, condition, deterioration, repair strategies, optimization analyses, and life-cycle planning processes to support project prioritization and investment decision-making.
07/25 - Ongoing	Bridge Management System for Polk County, Florida. Technical Lead. Developed all modules of the program such as elements specifications, deterioration models, optimization functions, and repair strategies. (Agile Asset Program)
07/25 - Ongoing	Bridge Management System for Hillsborough County, Florida. Technical Lead. Lead configuration and enhancement of the AgileAssets Bridge Management System including deterioration models, treatment strategies, optimization analyses, condition forecasting, and long-term bridge investment planning.
1/23 - 06/25	Inferring Past Actions on Bridge and Culvert Based on Historical Data, Virginia DOT: Project Manager for developing the methodology and quality control.
1/23 - 06/25	Performance of Large Culverts in Virginia, Virginia DOT: Project Manager for developing a Power BI tool to compare the performance of steel culverts vs Concrete culverts.
1/23 - 06/25	Performance of Bridges With Steel Girder and Timber Deck, Virginia DOT: Project Manager for developing a Power BI tool.
1/23 - 06/25	SNBI implementation, Virginia DOT: Project manager for updating bridge inventory data using SNBI format.
01/22 - 06/25	Virginia Bridge Health Index, Virginia DOT: Project Manager for developing bridge health index and a Power BI tool dashboard.
10/19 - 06/25	In-House Bridge Maintenance System, Virginia DOT: Project Manager for developing Python tools for Bridge Maintenance and Management.
10/16 - 06/25	Implementing AASHTO BrM, Virginia DOT. Project Manager. Developed all modules of the program such as elements specifications, deterioration models, optimization functions, NBI conversion profiles, and repair strategies.
10/16 - 06/25	Bridges Needs Analysis, Virginia DOT: Project Manager. Developed an in-house application for Virginia DOT Bridges Needs Analysis to project the budget to meet performance measures.
10/16 - 06/25	Developed Advanced Deterioration Modeling, Virginia DOT. Project Manager. Developed advanced deterioration modeling applications using SQL, Excel, and Python.
10/16 - 06/25	Comprehensive Cost Analysis for Bridge Management System, Virginia DOT: Project Manager for developing unit costs for various actions on bridge elements and components.
10/16 - 06/25	Developed Most Comprehensive VDOT Bridge Report Entitled “State Of The Structures And Bridges Report”, Virginia DOT : Developed an automated in-house application and project manager for developing a Power BI tool.

SECTION 17. FIRM EXPERIENCE

DOTD can rely on the Volkert Team's extensive expertise delivering similar structural preservation programs across the nation, such as VDOT's Interstate Bridge System Study & Restorative Maintenance project and Arlington County, VA's Bridge Repair & Maintenance Prioritization project.



Snooper Bridge Inspection



Bridge Preservation Study for the Montgomery Area Client: ALDOT

Volkert inspected concrete and timber structures in Montgomery, Alabama, evaluating decks, joints, seals, and culverts, and recommending repairs while documenting safety concerns.

Inspections used traffic control and snooper/lift vehicles. The team measured bridge components for element analysis, entered data into BrM, and produced inspection reports.

Firm name	Volkert, Inc.	Past Performance Evaluation Discipline(s)*	Bridge
Project name	Interstate Bridge System Study & Restorative Maintenance	Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	VDOT
Project location	Staunton, Salem, and Bristol Districts, VA	Owner's Project Manager	Rex Pearce, PE
Owner's address, phone, email	1221 E. Broad St., Richmond, VA 23219 540-332-9104 Rex.Pearce@vdot.virginia.gov		
Services commenced by this firm (mm/yy)	03/15	Total consultant contract cost (\$1,000's)	\$3,500
Services completed by this firm (mm/yy)	03/16	Cost of consultant services provided by this firm (\$1,000's)	\$3,500



Volkert conducted an interstate bridge system study of 623 bridges and overpasses on six interstate systems in a four-month period. The purpose of the study was to identify structures for repairs and replacements to ensure that funding is applied to the bridges in the most strategic way to maximize service life. The study involved the following services:

- Hands-on inspection of each element and specific recommendations for each structure
- Development of bridge analysis and prioritization software
- Development of inventory statistics and deterioration models

Volkert analyzed the 623 interstate bridges and overpasses on I-81, I-66, I-64, I-77, I-581, and I-381 to identify structures for repairs and replacements, and developed short and long-term bridge maintenance strategies for each bridge. We developed scoring criteria and a software program that analyzed the inventory data and generated prioritization models for various maintenance scenarios for each bridge to determine the top candidates for funding. The program reprioritizes as bridges are repaired and conditions change; and VDOT districts can reassign weight values to various criteria as needed. In addition, Volkert developed inventory statistics and deterioration models that are used by VDOT statewide. This allows VDOT bridge staff to measure the performance of each bridge element compared to bridges statewide, identify trends in bridge performance, and determine critical issues that need attention.

PROJECT SIMILARITIES

- Evaluated condition data and inspected 623 bridges statewide, producing structure-specific repair/replacement recommendations — aligns with Structure Asset Management Plan Development task
- Built custom prioritization software and deterioration models, showing ability to turn inspection data into adaptable, statewide planning tools

EVIDENCE OF GOOD PERFORMANCE

"...The report was exceptionally thorough, on-time / within budget, and technologically advanced – developing a live users' prioritization software. Staunton District Bridge Engineers offer Volkert a "job extremely well-done" response to this monumental effort and continue to utilize the results for infrastructure program planning."

Rex Pearce, PE
Staunton District Bridge Engineer

Firm name	Volkert, Inc.	Past Performance Evaluation Discipline(s)*	Bridge
Project name	Bridge Repair & Maintenance Prioritization	Firm responsibility (prime or sub?)	Prime
Project number	n/a	Owner's name	Arlington County
Project location	Arlington, VA	Owner's Project Manager	Zoran Dragacevac, PE
Owner's address, phone, email	2100 Clarendon Blvd., Arlington, VA 22201 703-228-6509 zdragacevac@arlingtonva.us		
Services commenced by this firm (mm/yy)	03/21	Total consultant contract cost (\$1,000's)	\$80
Services completed by this firm (mm/yy)	07/21	Cost of consultant services provided by this firm (\$1,000's)	\$80



Arlington County observed a need to develop a maintenance and repair strategy for its 35 County-maintained structures. Volkert inspected all 35 County-maintained bridges and culverts, and identified deficiencies and locations in need of maintenance and repair work for each structure. Based on gathered data, the Volkert Team designated four bridges for immediate repair and developed a complete set of repair plans for each structure. The remaining structures were prioritized and included in an on-call repair contract. Volkert prepared the entire contract ready for advertisement, including repair details, cost estimates, special provisions, and general notes for each bridge as well as standard Arlington County contract forms. Maintenance and repair items are in accordance with 2020 VDOT Road and Bridge Specifications. The County is currently using this contract to make repairs based on the prioritization list, but they also have the flexibility to assign repair work on any structure based on unexpected need or available funding.

Each structure was prioritized based on several factors, such as condition rating, repair type, location, safety, and cost. The repairs specified were selected to eliminate all structurally deficient bridges

and to address bridges with general condition ratings (GCRs) of "5" and "6" to secure structural integrity for the near future. This preventative maintenance, which included joint elimination, will help extend the service life of these structures and reduce future maintenance costs. Examples of repair items specified in the on-call contracts include culvert lining and repairs, bridge deck repairs, epoxy overlays, joint reconstruction and replacement, joint elimination, bearing repairs and replacements, painting of structural steel, superstructure and substructure repairs with cathodic protection anodes, beam end repairs, retrofit of fatigue-prone details, scour and erosion countermeasures and repair, and various safety improvements.

PROJECT SIMILARITIES

- Inspected 35 County bridges/culverts, prioritized by condition/safety/cost, and advanced top structures into full repair plans — mirrors planning-through-design scope
- Delivered an advertisement-ready repair contract (estimates, specs, provisions), demonstrating construction-ready preconstruction deliverables
- Repair scope (joint elimination, epoxy overlays, bearing repairs, cathodic protection, scour countermeasures) spans preservation/rehab work types likely assigned under future Task Orders

Firm name	Volkert, Inc.	Past Performance Evaluation Discipline(s)*	Bridge
Project name	Oak Harbor Bridge Replacement	Firm responsibility (prime or sub?)	Sub
Project number	N/A	Owner's name	Korts Construction Services/LADOTD
Project location	Slidell, LA	Owner's Project Manager	Wayne Pontiff, Jr.
Owner's address, phone, email	2182 Manton Drive, Covington, LA 70433 985-898-0932 wpontiff@kortsconstructionservices.com		
Services commenced by this firm (mm/yy)	9/20	Total consultant contract cost (\$1,000's)	\$182
Services completed by this firm (mm/yy)	9/21	Cost of consultant services provided by this firm (\$1,000's)	\$182



The Oak Harbor Boulevard Bridge near Slidell consists of AASHTO/LADOTD Type 4S prestressed concrete girders made continuous with diaphragms and slabs. An excavator transported on a lowboy struck the bridge over eastbound I-10, causing severe concrete spalling and severing several prestressing strands in two girders. The bridge was partially closed, and the responsible party agreed to complete repairs to LADOTD's satisfaction. Based on LADOTD's familiarity with Volkert's successful work on a similar project, Volkert was selected to perform the inspection, repair design, repair plan development, and pre- and post-repair load ratings. Our experienced bridge inspectors documented the damage through field measurements and photographs.

Historically, LADOTD's approach to prestressed girders with severed strands was to remove and replace the damaged portion of the span. While effective, replacement is more disruptive to traffic, costly, and time-consuming. This bridge also presented the added challenge of separating a portion of a continuous span whose girders were connected by continuity diaphragms. Volkert therefore evaluated an in-place repair involving mechanical splicing and re-tensioning of the severed strands—an approach uncommon to LADOTD at the time. Preliminary analysis confirmed its feasibility, and LADOTD agreed that in-place repair was the preferred solution. To the best of our knowledge, this may have been the first LADOTD prestressed girder repair involving splicing and re-tensioning of severed strands. The repair included strand re-tensioning, concrete patching, epoxy crack injection, and CFRP wrapping in accordance with LADOTD's "NS Externally Bonded Fiber Reinforced Systems for Strengthening Concrete Structures (09/25/18)" and applicable AASHTO LRFD, ASTM, ACI, and ICRI standards and guidelines. Construction was performed primarily during late-night hours to minimize impacts to I-10 traffic. Pre- and post-repair load ratings were completed, and the project was successfully delivered to the satisfaction of LADOTD and the project stakeholders. The resulting approach demonstrated a less invasive, more economical alternative to span removal and replacement and provides a potential model for similar future repairs.

PROJECT SIMILARITIES

Volkert's emergency repair of a damaged PS Girder Bridge over I-10 included inspection, innovative repair design, load rating, and construction support – aligning with the IDIQ's Preservation Project Development and Post-Design Services.

Participating Team Members:

Janet L. Evans, PE, MBA | Aaron Immel, PE, CBI, CTI, CFM | Jacob Parker, PE | Britt Bumpers, PE | Robert Scheeler, PE | Jonathan Gambino, PE, PTOE, RSP1

Firm name	Volkert, Inc.	Past Performance Evaluation Discipline(s)*	Bridge
Project name	District 04 IIJA Off-System Bridge Program	Firm responsibility (prime or sub?)	Prime
Project number	H.4400025024	Owner's name	LADOTD
Project location	District 4	Owner's Project Manager	Joseph Brown
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 225-379-1889 joseph.brown@la.gov		
Services commenced by this firm (mm/yy)	09/22	Total consultant contract cost (\$1,000's)	\$2,050
Services completed by this firm (mm/yy)	09/27 (est.)	Cost of consultant services provided by this firm (\$1,000's)	\$2,006



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. The initial contract included tasks to research qualifying off system bridge locations in LA DOTD district 04. District 04 includes the Parishes of Bossier, Caddo, Red River, Bienville, Claiborne, DeSoto, and Webster. Volkert staff visited all locations and assembled a screening matrix which included Archaeological sites, NRHP eligible structures, historical bridges, tribal lands, scenic streams, threatened and endangered species, Section 4(f) properties Section 6(f) properties, navigable waterways, underground storage tanks, levees or utility permits.

Volkert coordinated with each Parish to develop a selected structures list and program for the five years of funding for the IIJA funding stream. Volkert was assigned nine (9) bridges for replacement through this contract and performed all Surveying, Environmental Permitting, Hydraulic Analysis, and Bridge Design services for each of these bridge locations.

PROJECT SIMILARITIES

Volkert's emergency repair of a damaged PS Girder Bridge over I-10 included inspection, innovative repair design, load rating, and construction support – aligning with the IDIQ's Preservation Project Development and Post-Design Services.

Participating Team Members:

Janet L. Evans, PE, MBA | Steven Armstrong, PE, CBI, ADCI | Artur D'Andrea | Perry Leblanc | Jason Goffinet, REPA | Randy Denmon, PE, PLS

Firm name	Volkert, Inc.	Past Performance Evaluation Discipline(s)*	Bridge
Project name	Nationwide Bridge Inspection Services	Firm responsibility (prime or sub?)	Prime
Project number	DTFH71-15-D-00003	Owner's name	Eastern Federal Lands Highway Division of the Federal Highway Administration
Project location	Nationwide	Owner's Project Manager	Marcus Miller, PE
Owner's address, phone, email		22001 Loudoun County Parkway, Building E3, Suite 200, Ashburn, Virginia 20147 703-404-6252	
Services commenced by this firm (mm/yy)	07/05	Total consultant contract cost (\$1,000's)	\$14,200
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$5,591



Since 2005, Volkert has been selected for consecutive EFLHD contract cycles to provide NBIS and element-level inspections for National Park Service (NPS) structures and other federal agencies. Under these IDIQ contracts, Volkert performs task-order inspections to identify structural and functional deficiencies and provide repair recommendations and cost estimates. Facilities include national parks, battlefields, monuments, historic sites, parkways, and other federal properties. Volkert provides routine, interim, and initial inspections of bridges, culverts, tunnels, and retaining walls constructed of concrete, masonry, timber, and steel, including fracture-critical and fatigue-prone details. Services also include

underwater inspections, Level 1 scour evaluations, load ratings, and bridge and tunnel inspection reports. To date, Volkert has completed more than 950 load ratings for NPS structures and has provided similar services for the U.S. Forest Service and General Services Administration.

Under these contracts, Volkert has performed more than 5,000 bridge inspections across 45 states and Washington, DC, including the entire Blue Ridge Parkway and Natchez Trace Parkway. Notable structures include the Double Arch Bridge, Linn Cove Viaduct, Cumberland Gap Tunnel, Silver and Black Bridges at Grand Canyon National Park, and structures at Dry Tortugas National Park. Inspections have required specialized access equipment, including UBIVs, man-lifts, tracked man-lifts, dive equipment, and boats, along with traffic control and management. Following fieldwork, Volkert prepares inspection reports, repair and rehabilitation recommendations, and future inspection requirements for submission to FHWA in EFLHD's required inspection software format. Volkert has also completed nearly 840 initial, routine, and underwater bridge inspections at U.S. Air Force bases and ranges nationwide. In 2017, Volkert performed initial element-level inspections of all simple and complex NPS tunnels and developed detailed tunnel inspection plans. Additional assignments include emergency topside and underwater inspections following Hurricane Sandy. At Statue of Liberty National Monument, Volkert inspected two damaged docks serving Liberty Island and used the findings to develop preliminary repair plans, construction cost estimates, and schedules.

PROJECT SIMILARITIES

This ongoing IDIQ contract demonstrates Volkert's expertise in NBIS bridge inspections, directly supporting the IDIQ's Structure Asset Management Plan Development through condition assessments and repair recommendations.

Participating Team Members:

Aaron Immel, PE, CBI, CTI, CFM | Stephen Dossett, PE | Robert Scheeler, PE | Steven Armstrong, PE, CBI, ADCI

Firm name	T. Baker Smith	Past Performance Evaluation Discipline(s)*	Survey
Project name	Calcasieu River Bridge	Firm responsibility (prime or sub?)	Prime
Project number	H.003931	Owner's name	LADOTD
Project location	Calcasieu Parish, LA	Owner's Project Manager	Peggy Paine, PE
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802 225-379-1065 peggy.paine@la.gov		
Services commenced by this firm (mm/yy)	03/21	Total consultant contract cost (\$1,000's)	\$1,830
Services completed by this firm (mm/yy)	03/24	Cost of consultant services provided by this firm (\$1,000's)	\$1,830

TBS provided Quality Level B and Quality Level A SUE services as well as Utility Coordination during Design for this project along I-10 in Lake Charles, Louisiana. The purpose of the project is to replace the existing I-10 bridge crossing Lake Charles. This is one of the largest SUE projects in the history of LADOTD. There are numerous pipelines throughout the corridor due to the abundance of chemical plants in the area, so determining the location of these pipelines was crucial to the design of the project. Our team had to coordinate continuously with the pipeline owners to perform test holes on these facilities which slowed down the production rate of the field staff.

The City of Westlake utilities such as water, sewer, and gas proved to be difficult to locate and the records were outdated and unclear. A combination of designating, test holes, and ingenuity was used to properly map out these utilities. Utility coordination was used to inform the utility companies of the impact the project would have on their facilities. The difficult part of the process was the fact that there wasn't a finished design to determine conflicts. A new process and precedent was set to accomplish the goals posed by LADOTD.



Staff to be used in this proposal: TJ Stokes, PE; Perry Smith

Firm name	T. Baker Smith	Past Performance Evaluation Discipline(s)*	Survey, Environmental
Project name	Peters Road Bridge & Extension (Ph 3)	Firm responsibility (prime or sub?)	Sub-Consultant
Project number	H.008069.5	Owner's name	LADOTD
Project location	Jefferson & Plaquemines Parishes, LA	Owner's Project Manager	Kurt Brauner
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802 225-379-1933 Kurt.Brauner@la.gov		
Services commenced by this firm (mm/yy)	08/25	Total consultant contract cost (\$1,000's)	\$3,439.9
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$1,001.6

The Peters Road Bridge project will extend Peters Road (LA 3017) from Jefferson Parish over the Intracoastal Canal and onto LA 23 in Plaquemines Parish. Phase 1 Construction and final design for Phases 2A and 2B have been completed. TBS is providing surveying and NEPA environmental services for Phase 3. TBS is under contract to provide comprehensive topographic, hydrographic, property, and right of way surveying for the Peters Road Bridge & Extension project, managing a 15,000 foot corridor that traverses developed areas, urban industrial zones, and environmentally sensitive waterways—conditions comparable to those found in dense urban bridge replacement projects.

TBS is performing a full detail topographic survey that captures roadway geometry, drainage systems, utilities, and all structural features required for bridge design, including low chords, piles, bents, and headwalls. Utilizing an in house marine survey group, TBS is collecting bathymetric data across multiple navigable waterways, demonstrating our ability to support bridge foundations, scour analysis, and hydraulic modeling in complex settings. TBS survey crews team established a deep rod primary control network capable of supporting long span bridge design and multi phase construction sequencing. TBS is coordinating extensively with utility owners through Louisiana 811, integrating field markings and as built data into the survey to reduce conflicts during design and construction—an essential capability for urban corridors with dense underground infrastructure.

TBS will conduct property surveys and prepare Base and Final R/W Maps in accordance with LADOTD standards, including parcel research, monumentation, and preparation of acquisition ready mapping. This experience translates directly to urban bridge projects where right of way constraints, business impacts, and multi parcel coordination are critical.

TBS will complete a Supplemental Environmental Assessment (SEA) for the Peters Road Bridge & Extension project. The SEA includes an evaluation of the preferred alternative selected during an EA completed in 2004 for the proposed project. As part of the SEA, TBS will perform a Navigational Study and Phase I Environmental Site Assessment and provide coordination and QA/QC of deliverables for additional studies (Wetland Delineation, Air & Noise, Conceptual Stage Relocation Plan, Cultural Resources Survey) required to complete the NEPA process. During the alternative analysis, detailed preliminary design of the project's bridges and roadway elements will be prepared by BKI as part of the Line and Grade Analysis and Report and incorporated into the SEA Document. In addition, TBS will complete the Solicitation of Views process, author the SEA document, and coordinate the Public Meeting and Public Hearing.

All deliverables shall comply with DOTD's electronic standards, including MicroStation DGN production, CAD standardization, and structured digital submittals. Our workflow supports large, multidisciplinary design teams and ensures seamless integration into complex bridge design environments.



Staff to be used in this proposal: Jean Reulet, III, PLS; Jeremy Cormier, PLS

Firm name	T. Baker Smith	Past Performance Evaluation Discipline(s)*	Survey
Project name	IDIQ Contract for Professional Surveying Services Statewide	Firm responsibility (prime or sub?)	Prime
Project number	4400021973	Owner's name	LADOTD
Project location	Statewide, LA	Owner's Project Manager	Jonathan Herrod, PLS
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802 225-379-1105 Jonathan.Herrod@la.gov		
Services commenced by this firm (mm/yy)	11/21	Total consultant contract cost (\$1,000's)	\$2,240
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$2,240

TBS was awarded a statewide surveying retainer contract in 2021. Under this \$5 million retainer contract, TBS performs Topographic Surveying for LADOTD projects statewide. Multiple task orders for survey work were issued and TBS completed all deliverables using MicroStation and Inroads as certified by CADconform. Below is a partial list of completed Task Orders, including several which were completed under expedited timelines.

S.P. No. H.015308 – I-49: I-10 – St. Landry P/L, Lafayette Parish. This project is located in Lafayette, LA beginning at the intersection of I-10 and I-49 and extending in a northerly direction along I-49 for approximately 9 miles. The width extended from outside ditch toe to outside ditch toe, including all exit and entrance ramps. Utilizing mobile LiDAR, TBS was able to deliver this pavement preservation survey on an expedited schedule of 3.5 months. Analysis of LiDAR data allowed TBS to accurately identify asphalt patches, concrete joints, and aerial utility crossings within the limits of the project.

S.P. No. H.014414 – LA 22: Bedico Creek – Pine Creek Dr, St. Tammany and Tangipahoa Parishes. This project is located near Madisonville, LA along LA 22. The main corridor for this project is approximately 4.5 miles along a highly trafficked roadway through a heavily wooded corridor. The width of the survey and DTM was a total of 140', extending 70' on each side of the project centerline. The project also included the topographic survey for a potential roundabout at Trapagnier Road and an existing drainage map of the project site. Over the course of the year-long survey, TBS encountered ongoing new utility installation and other construction throughout the site. A complete topographic survey including all utilities with depths and all drainage was required, along with the finished floor elevations of all buildings that fell within the survey limits.

S.P. Nos. H.016322, H.016323, H.016324, H.016326, H.016333 – Multiple Bridge Replacements, Districts 03, 61 & 62. TBS performed topographic surveys for the design and replacement of six (6) rural route bridges across southern Louisiana. Schedule was top priority for LADOTD, with surveys commencing in November of 2024 and being completed by May 2025 for all 6 sites. Survey length extended five hundred feet from



Staff to be used in this proposal: Jean Reulet, III, PLS; Jeremy Cormier, PLS

Firm name	Ardaman & Associates, inc.	Past Performance Evaluation Discipline(s)*	Geotech
Project name	I-20 Mississippi River Bridge Review	Firm responsibility (prime or sub?)	Prime
Project number	SP NOs. H.004646 09-L1049, H.010603.6 13-3720, H.010612.6 20-3729, H.004647.6 22-3746, 22-3753, 24-3707	Owner's name	LADOTD
Project location	Madison Parish, LA	Owner's Project Manager	Chris Nickel
Owner's address, phone, email		1201 Capitol Access Road, Baton Rouge, LA 225-379-1100 Chris.Nickel@la.gov	
Services commenced by this firm (mm/yy)	10/09	Total consultant contract cost (\$1,000's)	\$10,881
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$10,881



Ardaman conducted a geotechnical study to develop a list of technically feasible remedial alternatives to decrease the potential for ground movements to occur at the site of the I-20 Bridge. Movement of the east abutment of the bridge was first realized in 2001 during an inspection. Over the years Mississippi DOT has retained several consultants who have studied the problem, but no viable solution was identified. Ardaman conducted a comprehensive review of past slope stability evaluations and recommendations. This task was followed by developing a refined geotechnical site characterization plan for the bank/bluff area for further analyses. Drilling operations included obtaining extremely sensitive samples containing prehistoric shear planes from the river via barge and on land, all with extremely difficult access conditions. The drilling program also included installation of geotechnical instrumentation such as Shape Accelerator Arrays, inclinometers, and vibrating wire piezometers. Engineering analyses performed included seepage and drawdown analyses and both equilibrium and finite element numerical modeling slope stability analyses. As part of the project, Ardaman developed a full slope stabilization design and construction remediation strategy and a monitoring program for the bluff instability and ground movements affecting the existing I-20 Mississippi River Bridge.

Ardaman is currently managing a phase of the project which involves upgrading the entire instrumentation communication system. It also includes gathering and continuously monitoring various types of instrumentation data, inspects of the site and monitoring changes in topography by obtaining periodic survey data.

Staff to be used in this proposal: Megan Bourgeois, Jessica Litt

Firm name	Ardaman & Associates, inc.	Past Performance Evaluation Discipline(s)*	Geotech
Project name	I-10: LA 415 to Essen Lane on I-10 & I-12 (CMAR)	Firm responsibility (prime or sub?)	Subconsultant
Project number	SP NO. H.004100.5	Owner's name	LADOTD
Project location	East Baton Rouge Parish, LA	Owner's Project Manager	Nicholas Olivier
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 225-379-1133 nicholas.olivier@la.gov		
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: Megan Bourgeois, Mark Woodward, Jessica Litt

Firm name	Ardaman & Associates, inc.	Past Performance Evaluation Discipline(s)*	Geotech
Project name	MRB South GBR: LA 1 to LA 30 Connector	Firm responsibility (prime or sub?)	Prime
Project number	SP NO. H.013284	Owner's name	LADOTD
Project location	West Baton Rouge, Iberville, Ascension, and East Baton Rouge Parishes	Owner's Project Manager	Christina Brignac
Owner's address, phone, email		1201 Capitol Access Road, Baton Rouge, LA 225-379-1937 Christina.Brignac@la.gov	
Services commenced by this firm (mm/yy)	07/23	Total consultant contract cost (\$1,000's)	\$6,000
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$713.1



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.

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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: Megan Bourgeois, Jessica Litt

Firm name	Mott MacDonald	Past Performance Evaluation Discipline(s)*	Bridge
Project name	Bridge Management System Implementation	Firm responsibility (prime or sub?)	Subconsultant
Project number	5847530E-1543-439C-92D5-8F3BD22724FB	Owner's name	LA Division of Administration & LADOTD
Project location	Baton Rouge, LA	Owner's Project Manager	Shane Caldwell
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802 225- 379-1232 shane.caldwell@la.gov		
Services commenced by this firm (mm/yy)	07/21	Total consultant contract cost (\$1,000's)	\$350
Services completed by this firm (mm/yy)	11/22	Cost of consultant services provided by this firm (\$1,000's)	\$305

The LADOA/LADOTD Bridge Management System project implemented Trimble's AgileAssets Structures Analyst to support asset management, optimization, forecasting, and strategic investment planning for LADOTD owned bridges. Louisiana manages one of the nation's largest bridge networks, comprising 12,899 highway bridges and more than 150 movable bridges. LADOTD needed a repeatable, data driven process to comply with 23 CFR 515.17, manage significant bridges, maintain a state of good repair, and incorporate Bridge Management System analysis into project selection. During the discovery phase, Mott MacDonald conducted a BMS review, reconciled software and engineering requirements, and developed the BMS Engineering Configuration Document. During the implementation phase, the team configured Trimble's Structures Analyst using LADOTD BrM/AssetWise inventory, condition, element, and programmed work data. This work included mapping data fields, building deterioration and performance models, configuring treatments and decision trees, creating calculated fields and network master data, and supporting reporting, dashboards, optimization analysis, system testing, calibration, validation, training, and go live activities. The resulting BMS provides LADOTD with a structured framework for importing bridge data, forecasting future conditions, evaluating preservation and rehabilitation strategies, identifying significant bridges, and producing optimized project recommendations. The system supports strategic bridge program planning, Transportation Asset Management Plan reporting, and more transparent investment decisions across Louisiana's state owned bridge inventory.



Staff to be used in this proposal: Dave Juntunen; Charles Pilson

Firm name	Mott MacDonald	Past Performance Evaluation Discipline(s)*	Bridge
Project name	FHWA Bridge Management Systems Workshop	Firm responsibility (prime or sub?)	Subconsultant
Project number	693JJ319D000015	Owner's name	FHWA
Project location	Washington, DC	Owner's Project Manager	Derek Constable
Owner's address, phone, email		FHWA 1200 New Jersey Ave., SE, Washington DC 20590 202-366-4606 derek.constable@dot.gov	
Services commenced by this firm (mm/yy)	11/21	Total consultant contract cost (\$1,000's)	\$500
Services completed by this firm (mm/yy)	11/25	Cost of consultant services provided by this firm (\$1,000's)	\$460

Mott MacDonald developed a three-day technical workshop, hosted by 35 State and Federal agencies, on the functions and practical use of Bridge Management Systems software. The workshop was vendor-neutral, focusing on BMS concepts and applications rather than any single product.

Opportunity: Bridge owners need repeatable, defensible processes for assessing bridge condition and needs, comparing preservation and replacement strategies, and prioritizing investments across large inventories. FHWA considers bridge management a core discipline built on quality data, performance assessment, evaluation of alternative strategies, and cost effective programs of projects.

Solution: The workshop was structured into 14 short modules delivered on day one, followed by 5 in-depth modules over the remaining two days. Content covered workflow steps, inventory and condition data, performance measures, deterioration modeling, actions/costs/effects, agency and user costs, risk, benefit-cost analysis, optimization, investment strategy simulation, program planning, and communication. An 827-page Participant Workbook was provided to attendees and is now posted, along with related publications, on the FHWA Bridge Management webpage.

Outcome: The workshop and its resulting resource library give transportation agencies a consolidated reference for implementing sound bridge management practices and using BMS analyses to support strategic investment decisions. They also provide practitioners a training pathway for improving preservation decisions, developing programs of projects, and communicating bridge management needs and benefits to decision-makers.



Staff to be used in this proposal: Dave Juntunen; Charles Pilson

Firm name	Mott MacDonald	Past Performance Evaluation Discipline(s)*	Bridge
Project name	NJDOT Bridge Management Support	Firm responsibility (prime or sub?)	Prime
Project number	23-50882	Owner's name	New Jersey Department of Transportation, NJ
Project location	Trenton, NJ	Owner's Project Manager	Douglas Tintle
Owner's address, phone, email		1035 Parkway Avenue, NJ 08625 732-618-0607 douglas.tintle@dot.nj.gov	
Services commenced by this firm (mm/yy)	07/23	Total consultant contract cost (\$1,000's)	\$750
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$700

To strengthen bridge asset management and support future TAMP reporting, the New Jersey Department of Transportation (NJDOT) is advancing its statewide Bridge Management System. This work supports strategic investment planning, performance forecasting, SNBI implementation, and risk-based decision-making for NHS and SHS bridges.

Opportunity: NJDOT needed to modernize its bridge management processes and improve forecasting of bridge condition and performance to support state of good repair goals, including 94% of SHS NBIS bridges and 95% of NHS NBIS bridges in good or fair condition by deck area.

Solution: Mott MacDonald, teaming with GPI, is supporting NJDOT through BrM configuration, deterioration modeling, element-to-GCR conversion, scenario analysis, dashboards, reporting, SNBI transition support, bridge element inspection manual updates, and risk framework integration.

Outcome: Major tasks include:

- BMS configuration and implementation: Developing BrM configuration guidance for deterioration models, benefit groups, network policies, utility trees, funding scenarios, project categories, filters, and reporting.
- TAMP and TPM support: Running BrM scenarios to forecast good and poor bridge condition, test funding strategies, assess gaps, and support 2026 TAMP analysis.
- SNBI and element inspection updates: Supporting NJDOT's transition to SNBI and updating the Specifications for Bridge Element Inspection, including NBEs, BMEs, ADEs, defect guidance, and condition rating alignment.
- Dashboards and reports: Creating BrM dashboards, performance factsheets, TAMP reporting outputs, and tools for frozen projects, condition trends, and program planning.
- Preservation, risk, and work order improvements: Supporting bridge preservation planning, priority repair/work order integration, structure weighting, fatigue and flooding risk formulation, and future risk-based prioritization.



Staff to be used in this proposal: Dave Juntunen; Charles Pilson; Massoud Nasrollahi; Rob von Schimmelmann

SECTION 18. APPROACH & METHODOLOGY

Volkert has developed a tailored approach to efficiently deliver multiple concurrent task orders under this contract, based on our experience managing similar contracts nationwide.



Liberty Pratt Truss



Prestressed girder bridge

Bridge Inspection and Load Rating Analysis at the Bayou Choctaw Strategic Petroleum Reserve

Client: Fluor Federal Petroleum Operations

Volkert performed repeated bridge inspection and load ratings with condition assessments and repair recommendations, aligning with the IDIQ's Structure Asset Management Plan Development.

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.



APPROACH AND METHODOLOGY

Volkert, Inc. has a long-standing bridge preservation practice and fully understands the Louisiana Department of Transportation and Development (LADOTD) Bridge Maintenance Division's vision for this Indefinite Delivery, Indefinite Quantity (IDIQ) General Engineering contract for preservation. Our foundation has allowed our teams to quickly recognize situations where a cost-effective retrofit or some preventative maintenance may extend the service life of a structure and enhance the owner's infrastructure investment.

With the LADOTD's 7,702 bridges to maintain, LADOTD's bridge maintenance needs often exceed the funding available for preservation, repairs and rehabilitation. Every dollar of the taxpayer's money must be spent judiciously while maintaining the safety and integrity of each and every bridge. We understand LADOTD is implementing a proactive, statewide bridge preservation program focused on keeping "good" bridges in good condition and improving "fair" bridges to good condition through targeted preservation treatments and that this program is distinct from major rehabilitation or replacement work managed by the Design Group. The work will leverage each District's in-house capabilities, utilize LADOTD's new IDIQ Construction (preservation and rehab) contracts, utilize LADOTD's current data

management systems, utilize LADOTD's bridge inspection data, and emphasize development of standardized repair details that can be applied program-wide.

We propose a comprehensive, programmatic, and data-driven approach organized around the Scope of Services within the RFQ. This methodology integrates bridge asset management using the bridge inspection inventory data, preservation project development, post-design construction support, and efficient contract administration to deliver measurable improvements in bridge condition, optimized lifecycle costs, and maximum value from available funding. While the above is happening manually at the beginning, we will also have Mott MacDonald developing an automated asset management system as described later in the proposal. All services will be performed through individual Task Orders that clearly define scope, deliverables, schedule, staffing, and budget.

Along with Volkert's knowledge on the implementation of this programmatic solution to bridge preservation, our subconsultant team adds an additional level of expertise throughout all disciplines of this contract.

ALONG WITH VOLKERT'S KNOWLEDGE ON THE IMPLEMENTATION OF THIS PROGRAMMATIC SOLUTION TO BRIDGE PRESERVATION, OUR SUBCONSULTANT TEAM ADDS AN ADDITIONAL LEVEL OF EXPERTISE THROUGHOUT ALL DISCIPLINES OF THIS CONTRACT.



Mott MacDonald, LLC (Mott MacDonald) specializes in smart transportation service with whole-system perspective to solve and implement programmatic level preservation solutions statewide. **Mott will be responsible for the implementation of the electronic bridge asset management system and all life-cycle bridge analysis that will then be able to choose bridges and treatments that are able to be performed by in-house repair crews and the IDIQ preservation/repair contracts that will maximize the Department's funding while keeping the bridges in good to fair condition.**



David Juntunen with Mott MacDonald developed **LADOTD's Bridge Asset Management Software** that resides in **AGILE ASSETS**, and a lot of what was done can be used in developed the specialized software for this project



T. Baker Smith (TBS) is a Louisiana-based, multi-disciplinary engineering and surveying firm with more than 100 years of experience. **TBS will support Volkert, Inc. on this statewide IDIQ contract by providing surveying, subsurface utility engineering (SUE), utility coordination, and field data collection services.**



Ardaman & Associates, Inc. (Ardaman) brings decades of experience providing geotechnical engineering, construction engineering, and inspection services throughout Louisiana. **With their expertise and long-standing working relationship with LADOTD, they will perform all aspects of geotechnical engineering, including deep and shallow borings, and soil analysis for this contract.**

UNDERSTANDING THE PROJECT

STRUCTURE ASSET MANAGEMENT PLAN DEVELOPMENT:

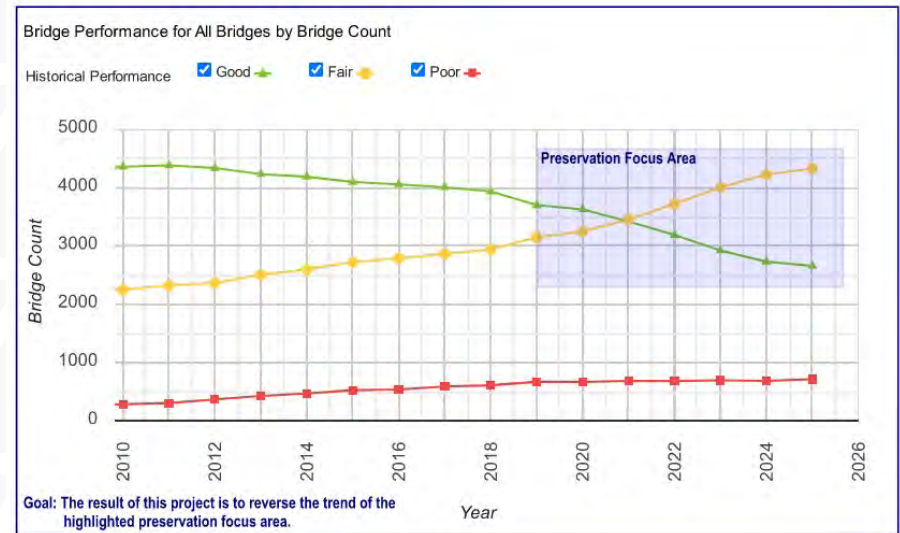
We do understand that LADOTD has a large inventory of bridges ranging from small timber bridges up to some of the largest bridges in the US. Therefore, effective preservation begins with a robust, data-driven Structure Asset Management Plan. Our team will evaluate existing inspection data from the current LADOTD databases (inspectX), historical documentation, BrM outputs, maintenance records from LADOTD's MMS, and other available information for each structure. **Steven Armstrong** and **Vincent Latino** will also coordinate and interview HQ Bridge Maintenance Staff to identify their needs, priorities, and programmatic statewide bridge issues. Steven Armstrong and Vincent Latino along with a local Volkert employee will travel to each of LADOTD's nine Districts to interview staff to identify programmatic district bridge issues, District Bridge Repair Crew's ability, and District priorities. We invite HQ Bridge Maintenance personnel to accompany us on each District visit. Where gaps exist or additional validation is required, we will conduct targeted on-site field inspections, supplying all necessary personnel, equipment, and transportation.

Using industry-standard deterioration models calibrated to Louisiana conditions (traffic loads, environmental factors such as humidity, flooding, and salt exposure, and historical performance trends), we will perform performance modeling to forecast future bridge conditions and identify structures at risk of accelerated deterioration. We will use this data to identify bridge preservation projects that will keep bridges in good and fair condition instead of deteriorating to poor condition in order to maximize LADOTD's funding. This includes comparing costs and benefits of treatments such as: **culvert lining and repairs; bridge deck repairs; coatings; deck cleaning and deck overlays; pothole patching with rebar protection; cleaning/coating of exposed steel; joint reconstruction and replacement; joint elimination for reduced future maintenance costs; bearing repairs and replacements; beam end repairs; retrofit of fatigue-prone details; scour and erosion countermeasures and repair; drainage improvements; and various safety improvements** while identifying optimal timing for interventions that extend service life and deliver the highest return on investment.

To support strategic planning, just as we did in a previous Volkert contract for VDOT districts, we will develop multiple funding and treatment scenarios that explore the impact of varying budget levels on network condition, trade-offs between short-term fixes and long-term investments, and the effects of prioritizing specific corridors or Districts. Network-level analysis will calculate overall bridge health metrics (e.g., average condition ratings), identify high-risk or underperforming structures, and evaluate equity in preservation distribution. We will also have mapping of deficiencies, identification of recurring statewide issues in coordination with HQ Bridge Maintenance, and opportunities to bundle similar repairs within the same District or regions.

While the above will be done manually at the beginning of the project, Mott MacDonald will use their expertise in agnostic data programming capabilities creating an automated Bridge Asset Management Program that will perform the above work to develop an array of preservation projects per District to utilize the District's Bridge Repair Crews capabilities and the IDIQ construction preservation contracts using LADOTD's existing platforms.

This asset management framework directly supports LADOTD's goal of exploiting in-house District capabilities by clearly distinguishing work suitable for District forces from work best suited for the IDIQ construction contracts.



STRUCTURE PRESERVATION PROJECT DEVELOPMENT:

Leveraging the asset management plan and current statewide LADOTD maintenance programmatic issues, Volkert's bridge design group under the supervision of **Jacob Parker** and **Artur D'Andrea**, will develop complete preconstruction packages for structure preservation projects as authorized under individual Task Orders. We will be able to fast track some repair projects by bundling statewide programmatic issues that will be identified by investigation and interviews with both HQ Bridge Maintenance staff and each District Bridge Maintenance staff. Our approach advances projects efficiently from planning through final design while incorporating standardized repair details to accelerate delivery and reduce costs. We will also bundle as many of similar projects to reduce cost of multiple task orders. Even though each District will have different typical issues due to climate, location and/or other reasons, we will coordinate repairs across Districts to ensure efficient use of resources.

Services will include, but not be limited to:

- Survey and subsurface investigations, as required.
- Utility coordination and deconfliction.
- Environmental permitting support (ensuring work qualifies for maintenance exemptions

- or standard permits wherever possible).
- Engineering analysis and design of preservation treatments.
- Maintenance of Traffic (MOT) plans and staging.
- Preparation of specifications, quantities, and engineer's estimates.
- Development of public outreach and stakeholder coordination strategies.

A key value-added component is the creation and refinement of LADOTD-standard repair detail sheets and plan templates for recurring preservation activities (e.g., coatings, deck overlays, joint repairs, scour countermeasures, bearing cleaning). These can be adapted from proven practices in other states already successfully implementing preservation programs and customized for program-wide use. Volkert has previously completed projects similar to this for ALDOT, VDOT, City of Greensboro, and TDOT. Similar preservation needs will be bundled geographically within each District to reduce mobilization costs and improve bidding efficiency for existing construction contracts. Designs will be tailored to align with local District in-house capabilities and resources.

POST-DESIGN CONSTRUCTION SUPPORT SERVICES:

During construction implementation of bridge preservation treatments, our team will provide responsive post-design engineering support to the Department. This support ensures preservation projects are implemented as intended and any field conditions are addressed efficiently, whether that be completed by in-house LADOTD maintenance crews or construction contractors.

Specific services will include:

- Prompt responses to Requests for Information (RFIs).
- Review of contractor submittals for conformance with design intent.
- Design clarifications and interpretations.
- Evaluation of proposed changes or value engineering proposals.

Our engineers will maintain close coordination with District maintenance staff and HQ Bridge Maintenance to resolve issues quickly, minimize disruptions, and ensure as-built conditions are documented for future asset management updates.

CONTRACT MANAGEMENT:

Successful delivery of this IDIQ requires strong project and contract management. We will designate a dedicated Project Manager, Steven Armstrong, P.E. (subject to LADOTD acceptance) who will serve as the primary point of contact for the overall contract and all Task Orders. The Project Manager will be supported by a core team of bridge preservation specialists with deep experience in Louisiana bridge maintenance and design programs.

At contract initiation, we will develop a Project Management Plan (PMP) that includes communication protocols, a Quality Management Plan, data-sharing procedures, and risk mitigation strategies. Regular coordination meetings (kick-off and progress) will be held with LADOTD staff to ensure alignment and responsiveness.

Our firm-wide Quality Management Program ensures all deliverables meet or exceed LADOTD standards for accuracy, completeness, and usability. This collaborative, solutions-oriented approach positions our team as a true strategic partner to the Bridge Maintenance Division, delivering efficient, cost-effective preservation support that maximizes the service life of Louisiana's bridges and optimizes limited funding resources.

PROJECT EXECUTION

KICK OFF:

Volkert conducts all client services in full compliance with their internal document on Quality Management and has successfully incorporated all of LADOTD's internal quality control requirements throughout our successful track record of projects. **Upon issuance of the contract, the Volkert Team will coordinate directly with LADOTD HQ Bridge Maintenance group to identify direct program and state-wide bridge maintenance issues and the needs of the preservation program and assist in decision matrix to initiate the task orders.** We will also travel to each of the nine Districts to interview the District Bridge Maintenance Staff to understand their District's needs, issues, and the capability of their Bridge Maintenance Repair Crew. Part of this is to understand the source of the problems and address the root cause of the defects, establish cost estimates and schedules, and go through owner preferences for different preservation methods previously mentioned in Understanding the Project section.

TASK ORDERS:

Upon issuance of task orders, the Volkert Project Manager, Steven Armstrong, will select the proper internal team and our sub consultants that align with the scope of the issued task and create a man-hour summary and estimate to perform the work. The most likely scenario is to issue two (2) initial task orders.

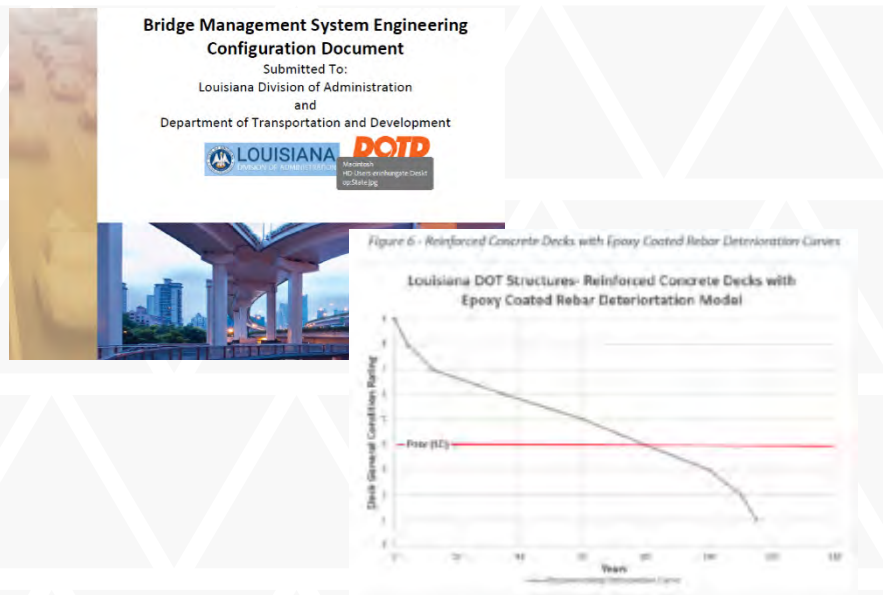
During the **first (1)** initial task order, Volkert will conduct the HQ and district interviews and prioritize a schedule based on the project's urgency and the LADOTD's priority of addressing programmatic state-wide bridge issues where preservation treatments can be quickly implemented by in-house LADOTD maintenance crews and IDIQ construction contracts. **Volkert understands the speed at which LADOTD Maintenance works.** Depending on the need of the preservation treatments to address bridge issues, Volkert will involve

our internal structure design team, **Ardaman** and **TBS** to begin field data collection with surveying and geotechnical investigations as needed. Volkert will handle the environmental permitting and design in-house while following our internal and the department's QAQC measures. An important part of this task will be to create the typical details for preservation implementation on a program level to be implemented and utilized beyond the life of this contract. **The second (2)** task order/phase will initialize the data management portion of the program and at that time, Volkert will get **Mott MacDonald** on board to begin that process as described below:

Initial Discovery: Before starting to develop the tools that will be required for systematic identification and prioritization of projects, the team will:

- i. review the current process and any prioritization methods in use,
- ii. work with the department to identify general priorities for the tool, and
- iii. gather information on current data sources and systems.

Prioritization Tool Development: Once discovery is complete, the team will proceed to develop a detailed spreadsheet tool to prioritize projects based on life-cycle benefit cost ratio principles. This will be accomplished using tools we have used previously at VDOT based on Excel and Python code. The tool uses ratings from all the major bridge components and calculates benefit cost ratios for different levels of preservation, rehabilitation and replacement for each. Benefits are calculated based on long-term effects in order to give appropriate weight to preservation treatments.



We will develop the tool for the specific LADOTD environment using information from the configuration document already developed for LADOTD in a previous project where many of

the necessary details such as decision triggers and deterioration models for different bridge components and bridge types are already available. This analysis will be risk based in that it will include a structure weight (potentially from AASHTOWare BrM) to account for the importance of the structure. This has the effect of including consequence and criticality into the analysis, such that the risk of the structure being out of service for any reason is also included.

Project Analysis and Program Development: Once the tool is loaded with the latest inspection data, the analysis will be run to generate potential projects. These lists will be able to be used for further refinement using additional field assessment and detailed scoping. The final program will be developed in collaboration with HQ and the Districts to ensure specific priorities are considered. Results will be made available in either GIS or a PowerBI dashboard for real-time communication and integration with other asset management systems. In the longer term, as we work with the department to develop or enhance deterioration and benefit modeling, and identify structure weight factors, we will build these into the department's bridge management system if this is desired by the department. The benefit of this approach will be to allow DOTD to maintain a bridge management system going forward that can be used to identify projects to bring into the planning pipeline as well as use as a what-if tool for bridge program future investment planning.

SCHEDULE:

A typical example of a task order schedule created as part of a Project Management Plan (PMP) with the LADOTD project manager is an important part of the partnership between Volkert and LADOTD and can be seen below.

PHASE SUMMARY & CONTINUOUS ACTIVITIES – SCHEDULE CONTRACT NO. 44-00036231

01	Kick-Off & Discovery HQ + 9 District interviews, capability assessment, programmatic issue identification, decision matrix.	Months 0–3
02	Asset Mgmt Tooling Mott MacDonald prioritization tool, data loading, automatic bridge and treatment projects, dashboard creation. Manual analysis continues in parallel.	Months 1.5–24+
03	Preservation Design Task Orders Ongoing issuance of design packages, standardized bridge preservation repair details, bundling, field investigations, plansets.	Months 3–Contract End
04	Construction Support RFIs, submittal review, design clarifications, as-built documentation fed back into asset management.	As packages let
05	Contract Management & QAQC Dedicated PM (Steven Armstrong), PMP, regular coordination meetings, firm-wide Quality Management Program.	Entire contract

SECTION 19. WORKLOAD

Each member of the Volkert Team offers DOTD high current availability, backed by proven success on numerous past and present projects for the Department.



Proposed bridge replacement



Timber substructure

Bridge Bundle 2

Client: Office of Louisiana Highway Construction

Volkert delivered full engineering services – including survey, permitting, and accelerated design – for replacement of 9 bridges, matching the IDIQ's Structure Preservation Project Development element.

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 LADOTD, and b) a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

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

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

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Unpaid Balance**
	Bridge	Contract No. 44-25024 S. P. No. H.01551.8	Ridge Road Over Castor Creek, Bienville Parish, LA	\$31,530
		Contract No. 44-25024 S. P. No. H.015520	Collinsburg Creek over Collinsburg Creek, Bossier Parish, LA	\$43,144
		Contract No. 44-25024 S. P. No. H. 015522	Barnette Road over Trib to Walnut Bayou, Caddo Parish, LA	\$803
		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 Road Over Little Corney Bayou, Claiborne Parish, LA	\$44,112
		Contract No. 44-25024 S. P. No. H.015527	Hinds Road Over Wallace Bayou, DeSoto Parish, LA	\$70,333
		Contract No. 44-25024 S. P. No. H.015528	Courtney Road Over Dry Creek, Red River Parish, LA	\$420
		Contract No. 44-25024 S. P. No. H.015529	Dorcheat Road Over Cow Branch, Webster Parish, LA	\$25,643
		Contract No. 44-25024 S. P. No. H.015336	Marathon Road over Gray Creek, Webster Parish, LA	\$40,309
	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	\$930,419
	Survey	Contract No. 44-17069	Louisiana Watershed Initiative (LWI) Modeling Contract Region 3, Sub Consultant	\$215,444
		Contract No. 44-31195	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 1	\$183,736

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**
	Bridge	44-00034772; H.010673.6	Harvey Tunnel Reconstruction	\$359,537
 T. Baker Smith	Survey	4400025027 / Multiple SPNs	I/IJA Off-System Bridge Program	\$9,236
		4400021973 / H.011242	LA 384 (Big Lake Rd to McNeese St)	\$605,792
		4400024928 / H.015485	LA 3187: LA 13 - LA 13	\$63,857
		4400031920 / H.008069	Peters Road Bridge & Extension (Phase 3)	\$301,303
	Other (Subsurface Utility Engineering)	4400025511/H.011242.5	LA 384	\$620,767
		4400025511/H.010005.5	LA 733 VRMLN R MB RH	\$43,841
 Ardaman & Associates, Inc.	Geotech	44-4128; H.004273	I-49 Connector, Lafayette	\$740,206
		44-18899; H.004791	LA 23: Belle Chasse Bridge & Tunnel (HBI)	\$45,666
		44-19013; H.004100.5 & .6	I-10 CMAR Design Continuation: LA 415 TO ESSEN ON I-10 & I-12	\$925,025
		H.004435	I-12 to Bush Construction Phase	\$39,040
		44-8671; H.009266	I-10 Widening: LA 73 to LA 30	\$46,811
		44-17438; H.013284	MRB GBR LA 1 to LA 30 Connector	\$3,979
		44-6189; H.004647.6	I-20 Mississippi River Bridge at Vicksburg	\$1,270,473
		44-25025; H.015452, H.015453, H.015456, H.015458	I/IJA	\$19,887
		44-21519; H.012030.5	KCS RR Overpasses US 371	\$39,877
		44-21887; H.012542, H.012453, H.012047	Replacement of 15 Bridges	\$240,616
		44-6189; H.016313.5, H.016314.5	Culvert Replacements	\$3,371
		H.015430	I/IJA	\$3,192
		H.001798	LA 531: Bridges Near Dubberly	\$12,533
		H.016094	US 371: Brushy Creek Bridge	\$36,357
		H.016204	Benton Sidewalks & RR Crossing	\$8,550

SECTION 20. CERTIFICATIONS/LICENSES

The Volkert Team is fully certified and licensed in the appropriate fields and disciplines necessary to deliver this project in compliance with DOTD and industry standards.



Substructure repair with timber pile replacement



Open bridge deck during construction for superstructure repair

Bridge Repairs at Leggit Crossing

Client: East Carroll Parish Police Jury

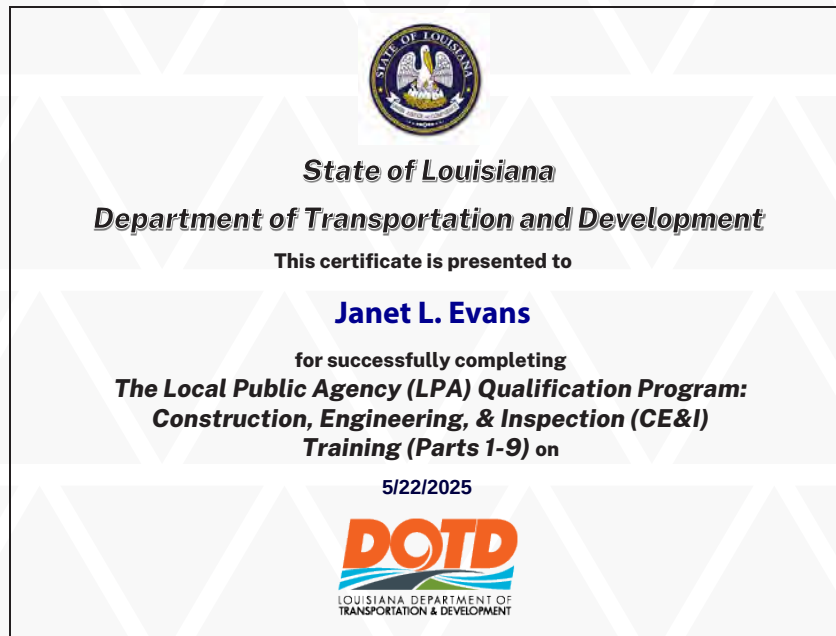
Volkert was contracted and performed bridge repair design of the superstructure and deck to get this structure reopened to the public. Steven Armstrong was the Engineer of Record for the initial load rating, repair designs, and the updated design load rating to open the structure.

20. Certifications/Licenses:

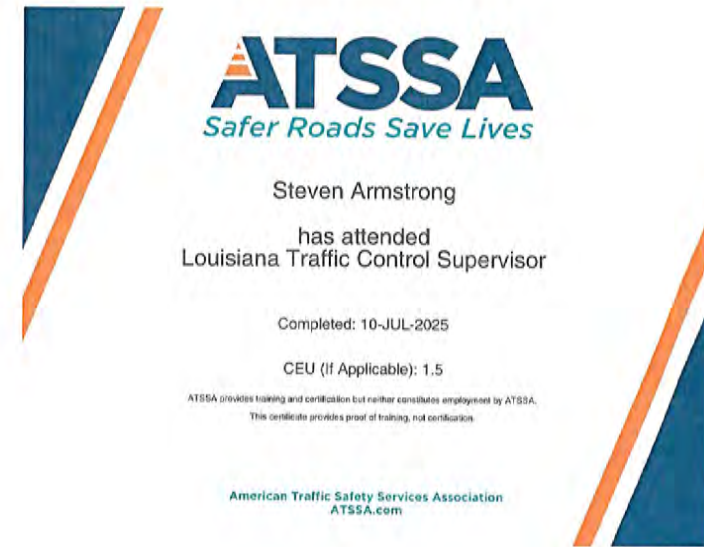
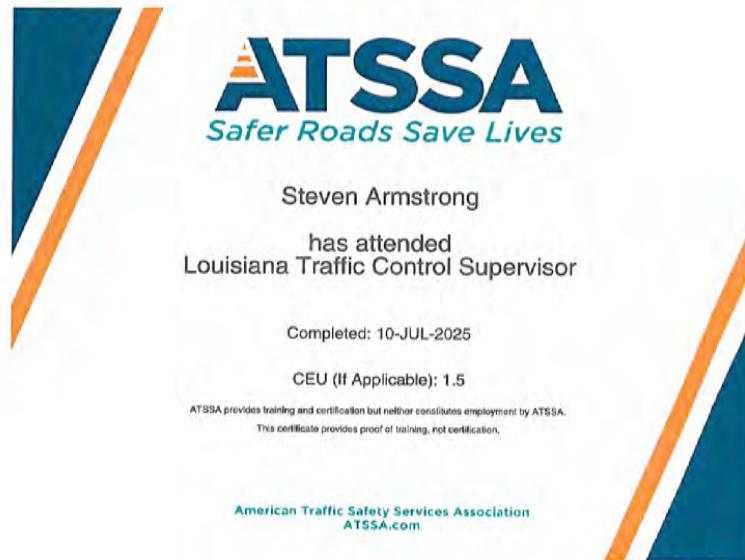
If the advertisement requires submission of licenses and/or certificates, include them here. Otherwise, leave this section blank.

See attached.

Janet L. Evans, PE, MBA | MPR #1, 2



Steven Armstrong, PE, CBI, ADCI | MPR #4





Vincent Latino, PE



Vincent Latino
has attended
Louisiana Traffic Control Supervisor

Completed: 15-MAY-2025

CEU (If Applicable): 1.5

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com



Vincent Latino
has attended
Louisiana Traffic Control Technician

Completed: 13-MAY-2025

CEU (If Applicable): 0.75

ATSSA provides training and certification but neither constitutes employment by ATSSA.
This certificate provides proof of training, not certification.

American Traffic Safety Services Association
ATSSA.com



U.S. Department
Of Transportation
Federal Highway
Administration



Training Solutions for Transportation Excellence

National Highway Institute *Certificate of Training*

Aaron Immel
has participated in

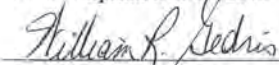
Safety Inspection of In-Service Bridges

hosted by
ALABAMA DEPARTMENT OF TRANSPORTATION
Presented by
Michael Baker Corporation

Location: Tuscaloosa, Alabama

Hours of instruction: 80

Date: September 13-24, 2004



Instructor



Director, National Highway Institute
Federal Highway Administration



Coordinator


Director, Office of Professional Development
Federal Highway Administration



U.S. Department
of Transportation
**Federal Highway
Administration**

National Highway Institute



Certificate of Training

Britt Bumpers

has participated in

FHWA-NHI-130055 Safety Inspection of In-Service Bridges

hosted by

Alabama Department of Transportation

Date: August 22-September 02, 2016 **Hours of Instruction:** 67

Location: Birmingham, AL

Guy R. Lang PE
Instructor

E. J. Christie
Local Coordinator

Patricia A. Martens, P.E.
Instructor

Valerie Briggs
Valerie Briggs, Director
National Highway Institute



National Highway Institute

Certificate of Training

Robert Scheeler



has participated in

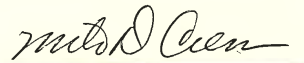
FHWA-NHI-130055 Safety Inspection of In-Service Bridges

hosted by

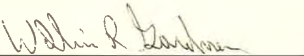
Office of State Aid Road Construction

Date: November 9-20, 2009
Location: Hattiesburg, Mississippi

Hours of Instruction: 60



Instructor



Instructor



Local Coordinator



**Richard Barnaby, Director
National Highway Institute**



National Highway Institute Certificate of Completion



Stephen Dossett

has participated in

NHI Course No. 130055

Safety Inspection of In-Service Bridges

hosted by

National Highway Institute

Location: Montgomery, Al

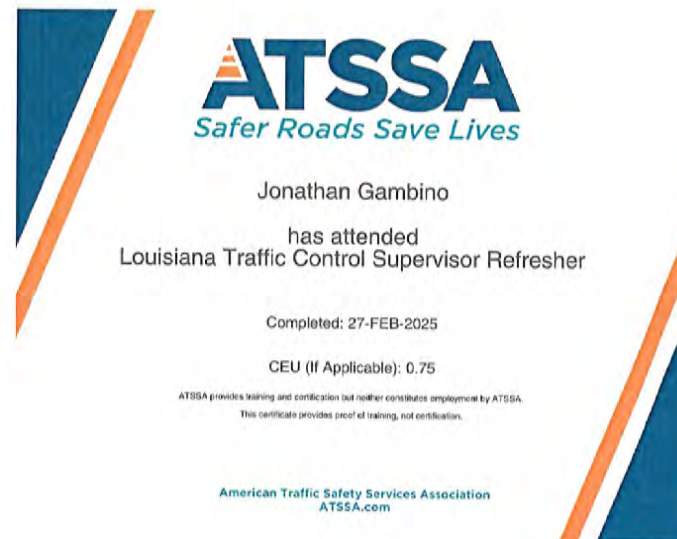
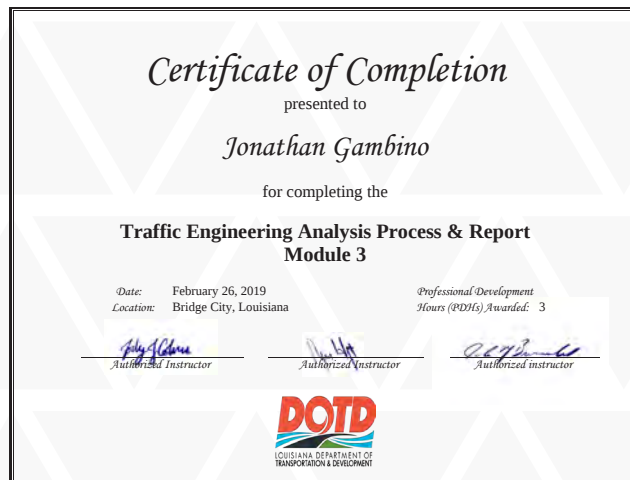
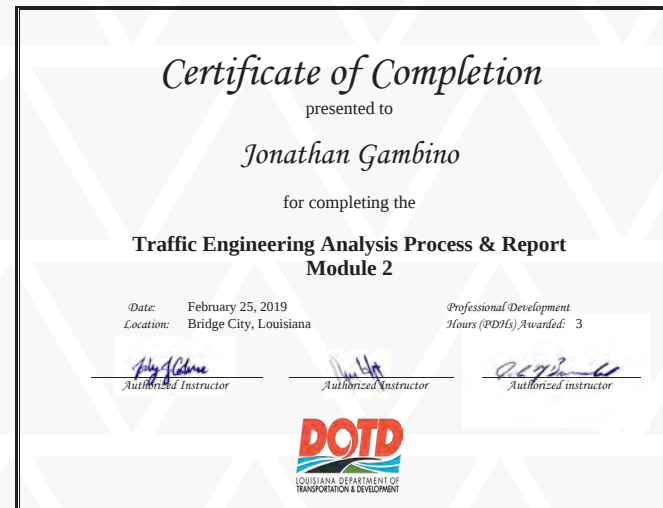
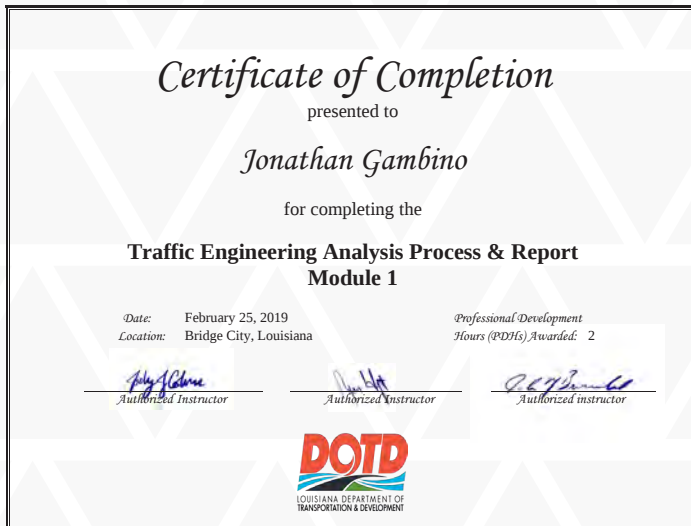
Hours of Instruction: 72

Date: August 3-14, 2009

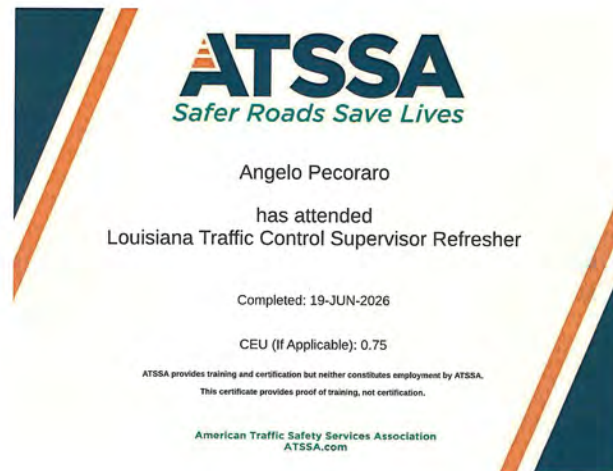
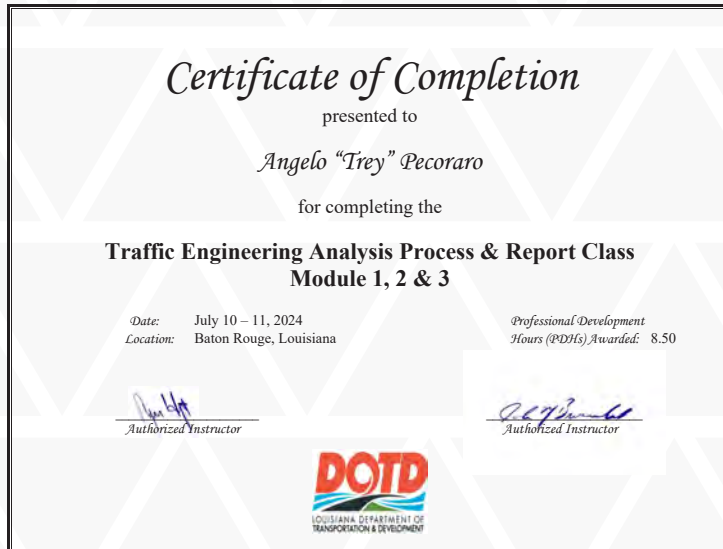
A handwritten signature in black ink, appearing to read 'Richard J. Barnaby', written over a horizontal line.

Richard J. Barnaby, Director
National Highway Institute

Jonathan Gambino, PE, PTOE, RSP1



Angelo "Trey" Pecoraro, EI



Secretary of State Registrations

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

Previous Names

VOLKERT & ASSOCIATES, INC. (Changed: 10/15/2009)

VOLKERT & ASSOCIATES, INC., DAVID (Changed: 3/14/2000)

Business: VOLKERT, INC.

Charter Number: 30412150F

Registration Date: 11/8/1973

Name	Type	City	Status
ARDAMAN & ASSOCIATES, INC.	Business Corporation (Non-Louisiana)	ORLANDO	Active

Previous Names

Business: ARDAMAN & ASSOCIATES, INC.

Charter Number: 34396031F

Registration Date: 12/13/1991

Name	Type	City	Status
MOTT MACDONALD, LLC	Limited Liability Company (Non-Louisiana)	WILMINGTON	Active

Previous Names

HATCH MOTT MACDONALD, LLC (Changed: 5/27/2016)

HATCH MOTT MACDONALD T&T, INC. (Changed: 7/5/2005)

Business: MOTT MACDONALD, LLC

Charter Number: 35463779Q

Registration Date: 4/14/2003

Name	Type	City	Status
T. BAKER SMITH, LLC	Limited Liability Company	HOUMA	Active

Previous Names

T. BAKER SMITH, L.L.C. (Changed: 3/23/2011)

T. BAKER SMITH, INC. (Changed: 12/13/2010)

T. BAKER SMITH & SON, INC. (Changed: 4/20/2005)

Business: T. BAKER SMITH, LLC

Charter Number: 26901340K

Registration Date: 1/7/1965

SECTION 21. QA/QC PLAN AND/OR WORK PLAN (NOT REQUIRED)

The Volkert has delivered numerous QA/QC plans for LADOTD when required.

BIN	3343
CARRIED	SR 134 MP 19.064
INTERSECTED	LITTLE DOUBLE
COUNTY	COFFEE
LAT	31.3127
LONG	-85.9627
JOINT TYPE 1	304 Opn Exp
JOINT TYPE 2	
JOINT TYPE 3	
CURRENT REPORT NOTES	Most all angle missing Joints 2 and 3
JOINT OPENING MEASUREMENTS	B2=Closed, B3=1/2in, B4=1-1/4in @ 85°
WORK ORDER CODE 1	B03
WORK ORDER DATE 1	2017
WORK ORDER DETAIL 1	Replace missing angle at Joints 2 and 3
WORK ORDER DETAIL 1.2	
WORK ORDER DETAIL 1.2	
WORK ORDER CODE 2	
WORK ORDER DATE 2	
WORK ORDER DETAIL 2	
RECOMMENDATIONS	C then A or B
RECOMMENDATION LEGEND	A= Replace joint seals with preformed silicone sealer B= Replace seals with EMSEAL joints C= Consider resetting slabs or bearings or re-cut joint openings or seal with pourable joint sealant and backer rod



Repair recommendation maps enabled strategic project grouping to reduce mobilization costs.

Bridge Preservation Study for the Troy Area Client: ALDOT

Volkert inspected concrete and timber structures in the Troy, Alabama area, evaluating decks, joints, seals, culverts, and other components for deficiencies and maintenance needs. Our team documented safety concerns, recommended repairs, performed bridge element measurements and analyses, and entered inspection data into BrM. Inspections included traffic control and, where required, snooper and lift vehicles.

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

Volkert has assembled a team of trusted subconsultants, each of whom have successfully delivered these same specialty services to DOTD under similar bridge maintenance, preservation, or rehabilitation projects.



Concrete culvert replacement

Bridge Maintenance & Repair On-Call Contract (Multiple Counties, Region 3)

Client: TDOT

Volkert was awarded the Engineering Services Pertaining to Structural Analysis and Design of Bridge Repair Projects On-Call Contract by TDOT in 2014 and reselected in 2018. Volkert provided services to repair or replace structurally deficient bridges in various counties. Volkert provided underwater inspections services for both on- and off-system bridges throughout the state. A total of 87 underwater bridge inspections have been performed.

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
Ardaman & Associates, Inc.	316 Highlandia Dr. Baton Rouge, La 70816	Robert Jewell, PE rjewell@ardaman.com	(225) 752-4790
Mott MacDonald, LLC	Laurel Street, 8th Floor Baton Rouge, LA 70801	Charles Pilson charles.pilson@mottmac.com	(919) 523-2588
T. Baker Smith, LLC	180 Greenbriar Boulevard Covington, LA 70433	TJ Stokes, PE tj.stokes@tbsmith.com	(225) 505-6739

SECTION 23. LOCATION (NOT REQUIRED)

Volkert's Baton Rouge office will lead projects from this advertisement supported by our offices in New Orleans, Mandeville, Bossier and Monroe.



Waterloo Bridge inspection



Waterloo Bridge rehabilitation

Waterloo Bridge Restoration (Route 613 over the Rappahannock River)

Client: VDOT

Volkert served as the prime consultant, and provided safety inspection and multi-disciplinary engineering services to repair and restore the historic Waterloo Bridge.

2021 VTCA Award Winner in the VDOT less than \$10M Category

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.

