

REQUEST FOR ENGINEERING AND RELATED SERVICES IDIQ CONTRACT FOR INVENTORY AND INSPECTION OF SIGN TRUSSES AND RADIO TOWERS, STATEWIDE

CONTRACT NO. 4400031911



LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT



April 22, 2025

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

Volkert, Inc.
Baton Rouge Office
51448 Brookline Avenue
Baton Rouge, LA 70809
www.volkert.com



RE: Advertisement for Engineering & Related Services
IDIQ Contract for Inventory and Inspection of Sign Trusses and Radio Towers, Statewide
Contract No. 4400031911

Dear Ms. Territo,

We are pleased to submit our response for the **IDIQ Contract for Inventory and Inspection of Sign Trusses and Radio Towers, Statewide** advertisement. We have read the advertisement and fully understand the scope of services which could be provided under this contract. As part of Volkert's commitment to providing the Louisiana Department of Transportation and Development (LADOTD) with a proven team to successfully deliver this statewide inspection contract, Volkert has ensured the availability of our experienced inspectors and additional staff.

We are a nationally recognized engineering inspection firm focusing on the nation's infrastructure, having provided over 40,000 inspection in the past 40 years. These inspections include ancillary sign structures, high mast light poles (HMLP), telecom towers, National Bridge Inspection Standards (NBIS), waterfront marine infrastructure, dams, water control gates, scour evaluations, and structural load ratings of bridges and other infrastructure. Our team has extensive experience with quality control and quality assurance plans and procedures associated with state ancillary and bridge inspection programs. Our team is well versed in assessing steel structures focusing on fatigue crack details for both aluminum and steel structures. Volkert has performed these types of inspections for LADOTD, ALDOT, MDOT, FDOT/OSARC, VDOT, GDOT, NCDOT, TDOT, TXDOT, SCDOT, IDOT, WYDOT, ODOT, and numerous federal and local clients nationwide. Volkert's ability to integrate with and support a wide range of state inspection programs means we are uniquely qualified to assist LADOTD in performing inspections efficiently and effectively at the same time, with a new outlook having a "fresh set of eyes" assess your ancillary and radio tower structures.

I will serve as Principal-in-Charge for this contract, and Aaron Immel, PE, CBI, CFM will serve as Project Manager. Mr. Immel holds a Louisiana PE and currently serves as Volkert's Bridge Inspection Manager, overseeing and leading inspection services for many of Volkert's large, long-term structures inspection contracts that we have held, such as with the Eastern Federal Lands Highway Division (EFLHD) (21 years), FDOT (39 years), LADOTD (over 21 years), Mobile County, Alabama (32 years), and American Roads (15 years).

For this contract, Volkert will serve as the Prime Consultant and will augment our team with the following subconsultants:

- **Engineering Operations, LLC (eO)** - Ancillary Structure Inspection and Evaluation and Rope Access (SPRAT)
- **Wireproof Communications, LLC** - Radio Tower Structural Assessments and Inspection

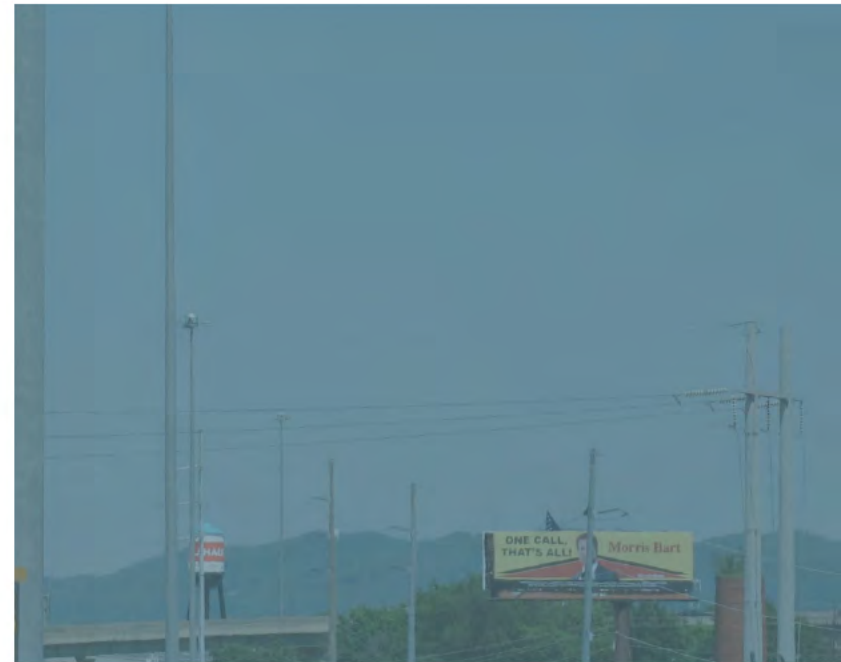
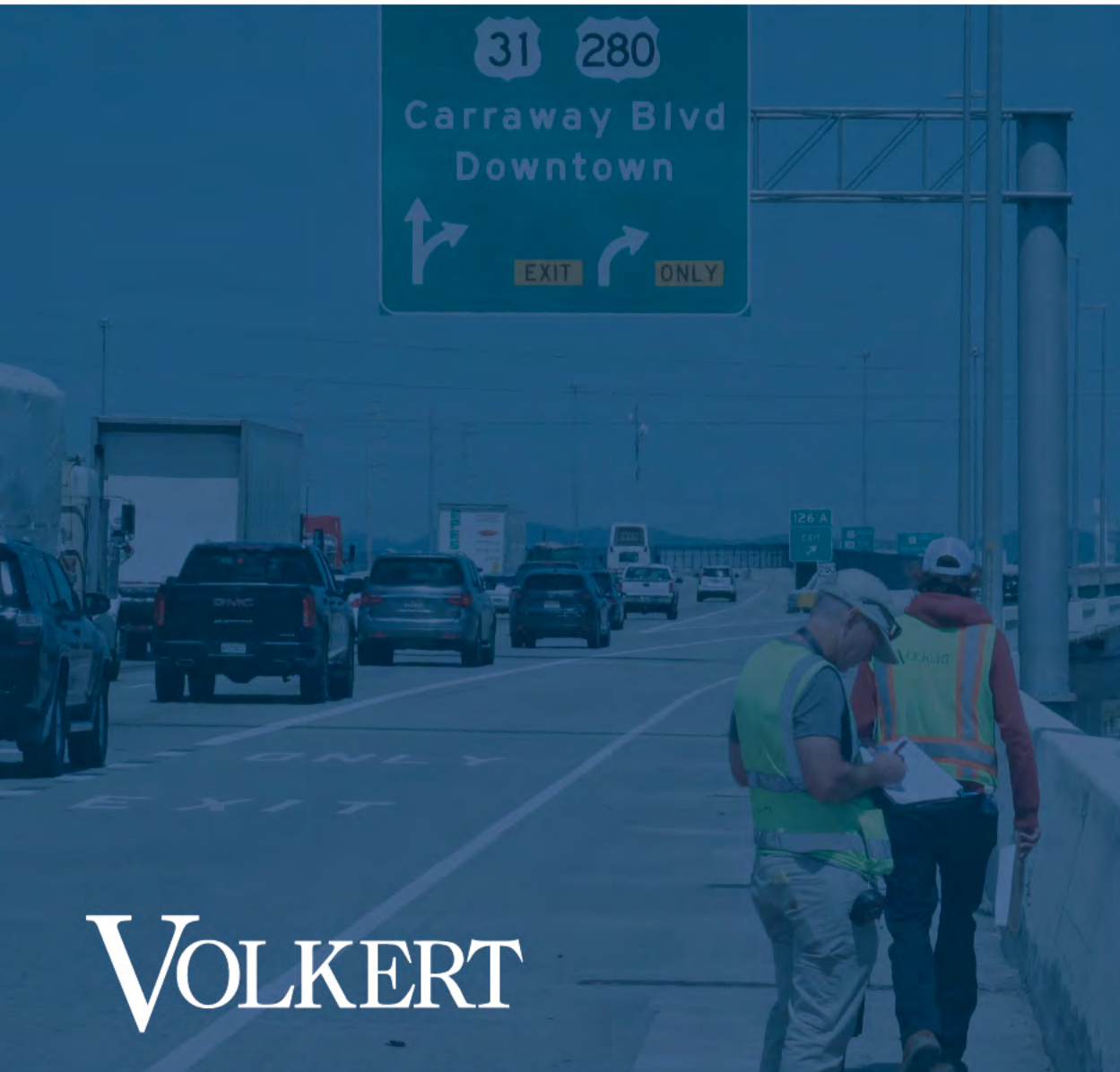
I am authorized to bind the company under this contract and look forward to discussing this opportunity in greater detail. You can reach me at the contact information below with any comments or questions.

Respectfully submitted,
Volkert, Inc.

A handwritten signature in blue ink, appearing to read "Janet L. Evans".

Janet L. Evans, PE, MBA
Vice President

LADOTD FORM 24-102



VOLKERT

LADOTD FORM: 24-102

PROPOSAL TO PROVIDE CONSULTANT SERVICES

[Revised January 1, 2023]

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

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

1. Contract title as shown in the advertisement	IDIQ CONTRACT FOR INVENTORY AND INSPECTION OF SIGN TRUSSES AND RADIO TOWERS STATEWIDE
2. Contract number(s) as shown in the advertisement	4400031911
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, Inc. VOLKERT
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	Louisiana License: EF.0002500 Louisiana License: VF.0000869
6. Prime consultant mailing address	9448 Brookline Ave Baton Rouge, LA 70809
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Janet L. Evans, PE, MBA, Vice President 225-218-9440; Jan.evans@volkert.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Janet L. Evans, PE, MBA, Vice President 225-218-9440; Jan.evans@volkert.com

DIVERSITY

VALUE

CAPACITY

EXPERIENCE

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. LADOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.



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

Date: April 22, 2025

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

Firm(s): n/a

Firm(s)' % :n/a

SECTION 12

PAST PERFORMANCE EVALUATION DISCIPLINE TABLE

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12. Past Performance Evaluation Discipline Table:

Past Performance Evaluation Discipline(s)	% of Overall Contract	Volkert	Engineering Operations	Wireproof	Each Discipline Must Total to 100%
Bridge	96%	87%	4%	9%	100%
Traffic	4%	100%	0%	0%	100%

Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.

Percent of Contract	100.0%	87.50%	4%	8.50%	100.0%
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SECTION 13

FIRM SIZE

VOLKERT



13. For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by LADOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the LADOTD job classification list, specify "Other (please specify)" and include the classification title inside the parentheses.

Firm Name	LADOTD Job Classification	Number of Personnel committed to this contract	Total number of personnel available in this LADOTD Job Classification (if needed)
	Supervisor - Eng	5	37
	Engineer	10	88
	Engineer Intern	4	76
	Inspector - Bridge	6	14
	Technician	1	27
 Engineering Operations, LLC	Inspector - Bridge	8	2
	Engineer	2	4
	Engineer Intern	2	5
	Other (Tower Inspector)	4	4

SECTION 14

ORGANIZATIONAL CHART

VOLKERT



14. Organizational Chart:

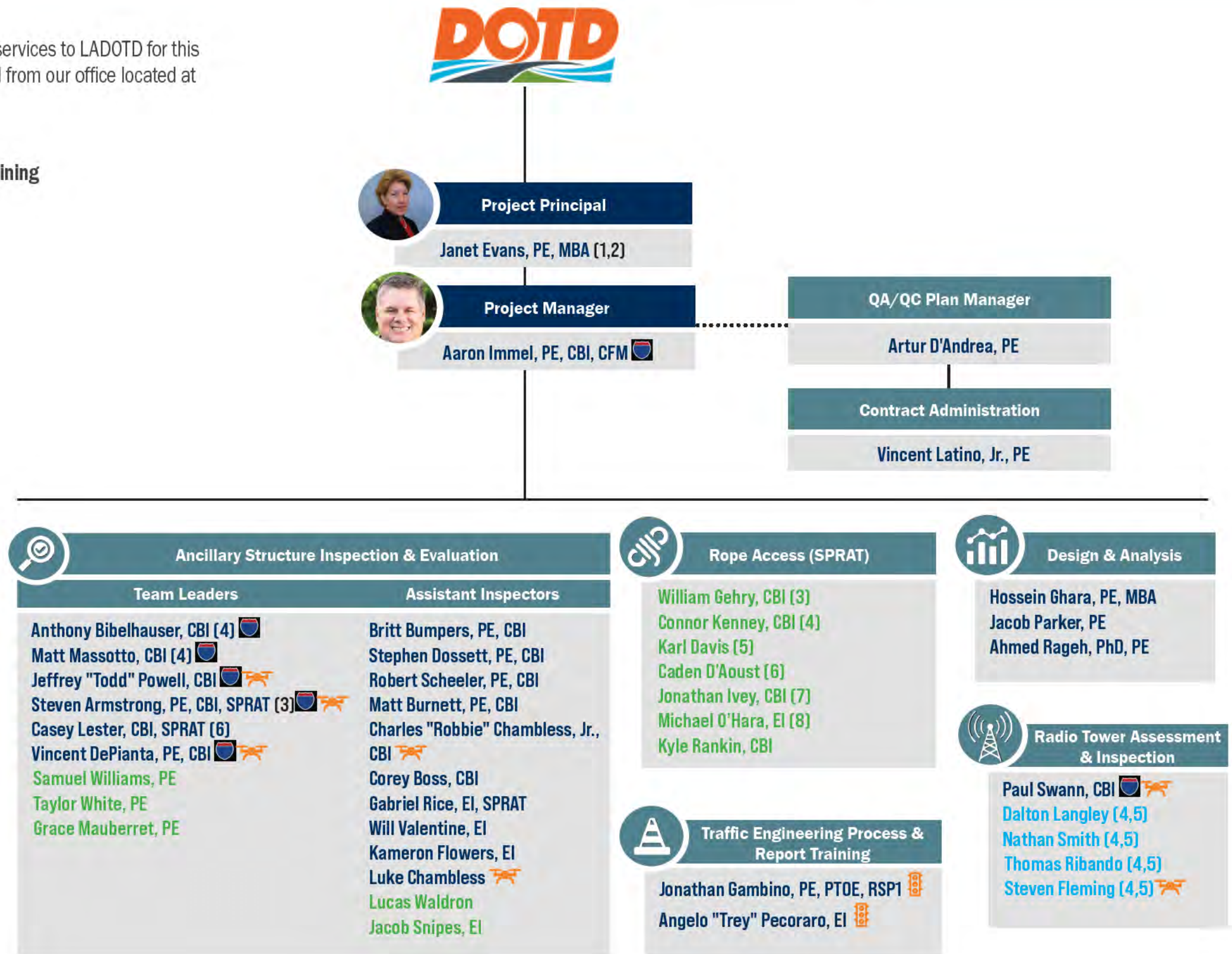
Volkert will serve as the prime firm in providing services to LADOTD for this contract. The contract will be primarily managed from our office located at 9448 Brookline Ave, Baton Rouge, LA 70809

Minimum Personnel Requirement Nos. (#)

-  Traffic Engineering Process and Report Training
-  NHI Ancillary Structures Training
-  Licensend Drone Pilot

FIRM LEGEND

- Volkert, Inc.
- Engineering Operations, LLC
- Wireproof Communications, LLC



SECTION 15

MINIMUM PERSONNEL REQUIREMENTS

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15. Minimum Personnel Requirements:

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement.

MPR No.	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number	State of license	License / certification expiration date
1	Janet L. Evans, PE, MBA	Volkert, Inc.	PE # - Civil 21307	LA	09/30/2026
2	Janet L. Evans, PE, MBA	Volkert, Inc.	PE # - Civil 21307	LA	09/30/2026
3	Steven Armstrong, PE, CBI	Volkert, Inc.	PE # - Civil 44405	LA	09/30/2026
	William Gehry	Engineering Operations, LLC	SPRAT # 2400504 – Level I	USA	02/20/2027
4	Anthony Biblehauser, CBI	Volkert, Inc.	CBI #00359	FL	01/25/2027
	Matt Massatto, CBI	Volkert, Inc.	CBI #00502	FL	01/25/2027
	Connor Kenney	Engineering Operations, LLC	CBI #00667	FL	07/29/2027
5	Karl Davis	Engineering Operations, LLC	SPRAT # 2301112 – Level I	USA	05/05/2026
6	Casey Lester, CBI, SPRAT	Volkert, Inc.	SPRAT # 171073 – Level I	USA	03/10/2026
	Caden D'Aoust	Engineering Operations, LLC	SPRAT # 2301113 – Level I	USA	05/05/2026
7	Jonathan Ivey	Engineering Operations, LLC	SPRAT # 181290 – Level II	USA	06/28/2027
8	Michael O'Hara	Engineering Operations, LLC	SPRAT # 191932 – Level III	USA	03/12/2027

SECTION 16

STAFF EXPERIENCE

VOLKERT, INC.

Jan Evans, PE, MBA | MPR #1, 2

Aaron Immel, PE, CBI

Artur D'Andrea, PE

Vincent Latino, PE

Anthony Biblehauser, CBI | MPR #4

Matt Massotto, CBI | MPR #4

Jeffrey "Todd" Powell, CBI

Steven Armstrong, PE, CBI | MPR #3

Paul Swann, CBI

Casey Lester, CBI, SPRAT | MPR #6

Vincent DePianta, PE, CBI

Britt Bumpers, PE, CBI

Stephen Dossett, PE, CBI

Robert Scheeler, PE, CBI

Matt Burnett, PE, CBI

Charles "Robbie" Chambliss, CBI

Corey Boss, CBI

Gabriel Rice, EI

Will Valentine, EI

Luke Chambliss,

Hossein Ghara, PE, MBA

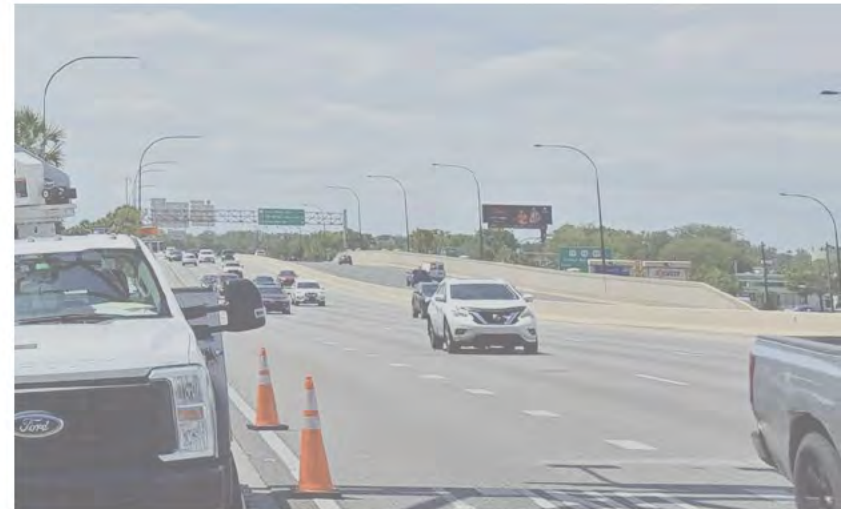
Jacob Parker, PE

Ahmed Rageh, PE, PhD

Jonathan Gambino, PE, PTOE, RSP1

Angelo "Trey" Pecoraro, EI

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16. Staff Experience:

Firm employed by: Volkert, Inc.			
Janet L. Evans, PE, MBA <i>Project Principal</i>		Years of relevant experience with this employer	17
		Years of relevant experience with other employer[s]	26
Degree[s] / Years / Specialization	MBA 1986 Business Administration BS 1980 Civil Engineering	Year registered	1984
Active registration number / state / expiration date	21307 LA 9/30/2026	Discipline	Civil
<p>Contract role(s) / brief description of responsibilities:</p> <p>Ms. Evans will be serving as Project Principal. Ms. Evans fulfills Minimum Personnel Requirements #1 and 2.</p>			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR[s].		
<p>Ms. Evans joined Volkert in 2008 and has over 43 years of roadway and bridge project management and design experience in design and construction of transportation projects. This includes urban freeway design, stage 0 studies, capacity improvements, (lane additions), environmental justice and interchange modifications as well as both traditional design and an alternative design build considered confined work zones, traffic queuing and limited lane closures and development of construction sequencing for the high average daily traffic volume interstates. Her combination of construction and design experience has been utilized by the department in various alternative delivery projects including the development of draft CMAR guidelines and the development of a design build construction manual. Ms. Evans experience from both the construction side and the design side allow her to provide insight which aids in the resolution of issues in alternative delivery projects. She has over 10 years of experience serving as a Project Manager on LADOTD projects.</p>			
05/23 - 05/28 (est.)	<p>Jimmie Davis Bridge (LA511) (HBI) (Owner Verification Services). Volkert is responsible for providing all Engineering Design and Construction Support services including implementation of the Construction Quality Assurance Manual and Document Control. As the Owner Verification firm, Volkert is providing guidance and support to the 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.</p>		
06/20 - 08/24 (est.)	<p>LA 23: Belle Chasse Bridge and Tunnel (HBI) Improvements. Principal-in-Charge. Ms. Evans is serving as Project Principal for the Belle Chasse Bridge and Tunnel Improvements. Volkert is responsible for providing all Engineering Design and Construction Support services including implementation of the Construction Quality Assurance Plan for the Belle Chasse Bridge & Tunnel Public Private Partnership (P3) Project which provides for the replacement of the Belle Chasse Tunnel and Judge Perez Lift Bridge with a new toll bridge. This includes the development of construction plans, bridge replacement plans, decommissioning of the Tunnel and development of O&M plans. As the OVT, Volkert provides guidance and support to the 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.</p>		



Firm employed by: Volkert, Inc.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time years of experience specified in the applicable MPR[s].
09/20 - 11/22	Owner Verification Services for College Drive Flyover Ramp (I-10/I-12 west) in East Baton Rouge Parish for the Louisiana Department of Transportation and Development (LADOTD). Ms. Evans served as Principal-in-Charge for this project that consisted of modifying the I-10 West/College Drive exit into separate I-12 West and I-10 West exits. Volkert provided all necessary engineering services as part of this Design-Build/Owner Verification project. This included design reviews for bridges, roads, hydraulics, electrical and ROW Acquisition efforts as well as contract administration, scheduling, document control, and construction phase services. SP No. 4400019680, S.P. No H.013897.
08/17 - 02/20	I-10: Highland Road to LA 73 Design-Build, East Baton Rouge and Ascension Parishes, LA (LADOTD). Ms. Evans is serving as Principal-in-Charge for the Owner Verification Team (OVT) on Task Orders 3 & 4 which allows Volkert to provide procurement and project oversight and acceptance for both design and construction for the I-10 Design-Build project from Highland Road in East Baton Rouge Parish to LA 73 in Ascension Parish. She is responsible for all project oversight for the Design and Construction on this \$72M Design-Build project. This project consists of upgrading a portion of I-10 in East Baton Rouge and Ascension Parish to a six-lane controlled access facility including construction of a new six-lane I-10 overpass at Highland Road. This was the fastest procured design-build today in LADOTD History. State Contract No. 4400004915 TO 3 & 4, S.P. No. H.009250.
04/18 - 04/19	I-220 to Barksdale AFB Connector Design-Build Procurement, Bossier Parish, LA (LADOTD). Ms. Evans served as Principal-in-Charge for Volkert's team as they completed preliminary construction cost estimates and reviewed preliminary engineering layouts from LADOTD to help assess impacts, constructability design issues. She also helped produce the Performance Specifications, worked with LADOTD staff in each category for project specific design issues to be addressed. She also assisted in the preparation of the Public Information Meetings and the One-on-One meetings with the shortlisted Design-Build teams for this \$71.8 M Design-Build project. State Contract No. 4400004915 TO 5, S.P. No. H.003370.
09/14 - 09/21	Retainer Contract for Design Build/Alternative Delivery Projects, LADOTD. Volkert was selected for a five-year retainer contract to perform engineering and administration services for project initiation, procurement, design and construction contract administration, project oversight and acceptance for both design and construction projects. The project consisted of project initiation, procurement, design and construction contract administration, project oversight and acceptance support for both design and construction, development of documents, policies, and procedures, as well as document control of Alternative Delivery projects (Design-Build, CMAR, P3, etc.) and services for proposed projects covered by this contract, as issued in task orders (TO) through the Louisiana Department of Transportation and Development (LADOTD).
02/10 - 01/14	I-10 Widening Design-Build Siegen Lane Interchange – the Highland Road Interchange, East Baton Rouge Parish, LA (LADOTD) Ms. Evans was the Design QA/QC Manager and Designer of Record for this project. As such, Ms. Evans worked closely with all designers and the contractor on this \$100M Design-Build project. She was responsible for writing the design QC manual and ensuring that the procedures with the manual were implemented and followed. She was responsible for the monthly reporting of all design and design QA/QC activities to the LADOTD. As Designer of Record, Ms. Evans handled all communication between the contractor and the engineering sub-consultants on the project, including Traffic Engineering and Geotechnical Engineering. She was in daily communication with the Contractor to ensure that the schedule and budget was met. Ms. Evans was also involved in the prebid activities which included preliminary plan development, maintenance of traffic phasing and quantity estimates for the contractor prior to contract award. This project was awarded an ACI Merit Award. S. P. No. 450-10-0159
01/09 - 01/13	I-12 Widening Design-Build Project from O'Neal Lane Interchange – Pete's Highway (LADOTD). Ms. Evans served as Principal-in-Charge for this project that consisted of widening I-12 to 3 lanes in each direction (6 lanes total) between the O'Neal Lane/Pete's Highway interchange and Range Road. The additional lanes will be constructed in the median. The bridges at the Amite River and the relief bridges will be replaced by a single bridge more than 2,600 feet long. The existing roadway and earth fill between the old bridges will be removed. Volkert's services included roadway design, electrical design, permitting compliance, QA/QC assistance, permitting, environmental compliance, public involvement, independent quality control, and engineering during construction. S. P. No. 454-01-0047 & 454-02-0025

Firm employed by: Volkert, Inc.

Aaron Immel, PE, CBI | *Project Manager*

Years of relevant experience with this employer

30

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 serve at Project Manager and be responsible for managing inspection of ancillary structures and towers.

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. Immel joined Volkert in 1994 and began his career in the structural design group, where he designed numerous traffic signal mast arms (TSMA) and high mast light pole (HMLP) foundations along Florida's Gulf Coast. These designs incorporated hurricane force winds combined with fully saturated foundation conditions to account for the conditions associated with tropical events. In coastal Alabama, Mr. Immel analyzed the overhead sign (OHS) structures along I-165 for hurricane force winds. The findings of this analysis resulted in many of the sign panels being replaced with louvered panels for the sign supports to survive tropical events. Since 2003, Mr. Immel has served as the supervisor, confirming engineer, and/or project manager for numerous ancillary structure inspection contracts in Florida, including in D2 (1,108 OHS) around Jacksonville, I-4 Ultimate in Orlando (385 OHS, HMLP, & TSMA), D1/D7 BRIM from Tampa to Fort Meyers (695 OHS & HMLP), and D6 (4,235 TSMA & 172 HMLP) in Miami-Dade and Monroe Counties.

09/14-Ongoing

I-4 Ultimate P3, Structures Inspection | Seminole and Orange Counties, FL | FDOT District 5. Project Manager. This project rebuilds and upgrades I-4 through the Orlando area. It will add four tolled express lanes to the interstate while maintaining the existing free general use lanes. Volkert's role in the asset maintenance portion of the project includes inspection of existing bridges, signs, HMLPs and TSMA's, inspections for 160 new bridges, 300 new signs and 85 new TSMA's. Establishing documentation for new structures in the state bridge management system is a key component of Volkert's effort. Engineering support includes repair design and evaluation of various construction related structure damage. Highlights include repair design of damage to steel box girder due to a vehicles collision at Conroy Road over I-4 and providing repair concepts and monitoring of pile settlement at I-4 over Ivanhoe Blvd.

04/21-05/23

FDOT District 6 Bridge and Signal Structure Inspections. Volkert, Inc. has been a key engineering partner for FDOT District 6, performing comprehensive inspection services across both Miami-Dade and Monroe Counties. Our team is deeply familiar with the District's bridge and structural inventory, with extensive experience under various Asset Maintenance and statewide inspection contracts. As part of the Districtwide In-Depth State Bridge Inspection Program, Volkert is responsible for inspecting approximately 287 bridges, including routine, fracture critical, and movable structures. Our services encompass underwater inspections, post-rehabilitation assessments, in-service and post-repair inspections, as well as interim and emergency inspections. This inventory includes: • 59 underwater inspections • 15 mechanical and electrical components • 6 concrete segmental bridges • 24 fracture critical bridges We ensure compliance with national and state inspection practices, with all bridges accurately load-rated, posted where required, and free of critical deficiencies. In Monroe County, Volkert leads the Florida Keys Bridge Inspection, performing 65 routine inspections, including large post-tensioned segmental bridges such as the iconic Seven Mile Bridge. Volkert also supports the Districtwide Traffic Signal Mast Arms (TSMA's) and High Mast Light Poles (HMLP's) Inspection Program, which covers: • 4,235 TSMA's at 1,365 intersections •

08/17-07/21

Overhead Sign Structures and HMLPs Districtwide Inspection | FDOT District 2. Mr. Immel served as Project Manager. The project was for inspection of approximately 599 overhead structures. Additionally, 94 weathering HMLPs were included in the requirements. Data from the General Sign Information Report was checked and compared to existing conditions.

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).
	172 HMLPs • 30 estimated interim TSMA inspections per cycle Tasks include routine and initial inspections, BrM data documentation, structural remediation, repair recommendations, EDMS updates, and rapid emergency response. Through these efforts, Volkert contributes to the safe operation and structural integrity of critical transportation infrastructure throughout FDOT District 6.
08/13 - Ongoing	Principal-in-Charge for Complex Bridge Inspection Consulting Engineering Contract, for the Office of State Aid Road Construction (OSARC). 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 - Ongoing	Principal-in-Charge for Timber Bridge Inspection IDIQ Master Contract, for the Office of State Aid Road Construction (OSARC). 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.
08/20 - 08/23	Principal-in-Charge/Project Manager for FDOT District 6: District Wide In-Depth State Bridge Inspection. 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.
09/20-09/21	Hurricane Sally Response. Following the devastation of Hurricane Sally in the Florida Panhandle, Volkert was called to investigate the damage at the newly constructed Pensacola Bay Bridge. Crews were mobilized from Mobile and Daphne, Alabama and on-site within an hour of getting the call, despite these crews not having power and dealing with damage to their own homes. Following the initial assessment of the Alabama crews, additional personnel from Tampa, Pinellas Park, and Mississippi were quickly mobilized. In addition to the topside inspection of the Pensacola Bay Bridge, Volkert underwater teams were deployed to assess the integrity of the piers and detect any debris on the bay floor or lodged in the pier foundations. While several crews continued the inspection at Pensacola Bay, several other crews inspected over 700 ancillary structures in Escambia and Santa Rosa Counties to ensure the roadways were safe for the traveling public.
12/10-02/16	SAM Districtwide Contract for TSMA and HMLP Inspections Districtwide, FL FDOT Districts 1 and 7. Mr. Massotto served as Bridge Inspector on this project that provided structures inspection and maintenance design involving approximately 1,250 TSMA's and 690 HMLPs. Volkert was teamed with ICA on this project and performed inventory/schedule planning, inspections, incidental engineering, and emergency response. Additionally, Volkert provided coordination with local owners, recommendations of structure repairs, and engineering evaluations. Engineering services included design of the Howard Frankland Causeway sign repairs, the Sunshine Skyway Causeway sign repairs, and several over-height beam hits, two of which included steel beam heat straightening. 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.

Firm employed by: Volkert, Inc.

Vincent Latino, Jr., PE | *Contract Management*

Years of relevant experience with this employer

<1

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 PE | 09/30/2025

Discipline

Electrical

Contract role(s) / brief description of responsibilities:

Mr. Latino will be providing Contract Management 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. 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 - 09/26 (est.)

1-10 Widening CMAR: LA 415 to Essen Lane, Baton Rouge, LA. 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 (EWP's). 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.

Prior to joining Volkert

Assistant Secretary of Operations, LADOTD - Baton Rouge, LA | Mr. Latino began his illustrious career journey at the Louisiana Department of Transportation and Development (LADOTD) in Baton Rouge. Commencing as an Engineer Supervisor in September 1998, he swiftly ascended through various roles, including Engineer 6 and DOTD Engineer 7 (Supervisor), amassing extensive experience in engineering and operational leadership. Vincent transitioned to broader administrative roles, serving as Maintenance Management Administrator and subsequently as Chief Maintenance Engineer, overseeing critical aspects of infrastructure maintenance and management. His dedication and expertise led to further elevation within the organization, culminating in roles as Deputy Assistant Secretary of Operations and Assistant Secretary of Operations, where he played pivotal roles in shaping and executing operational policies critical to Louisiana's transportation infrastructure until June 2022.

Firm employed by: Volkert, Inc.

Artur D'Andrea, PE | QA/QC Plan Manager

Years of relevant experience with this employer

2

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 | 9/30/2026

Discipline

Civil

Contract role(s) / brief description of responsibilities:

Mr. D'Andrea will be serving as QA/QC plan 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. 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.

11/23 - 11/27 (est.)

IH 35, Capital Express North, TxDOT, Travis County, TX. The I-35 corridor through Austin carries 200,000 vehicles per day. Volkert was selected for the north project which begins at SH 45 north and ends approximately 1.5 miles south at US 290 east. With HOV lanes (managed lanes) in each direction, added capacity on frontage roads, and relocated ramps, new signage structures is a major design task. Artur was tasked to work in Open Roads Design 3D software to locate overhead and sign trusses and to ensure that no conflicts existed with truss elevation and foundations. With the lowering and capinf of the interstate in the congested capitol of Texas, this was a large task which took time to ensure motorists were accurately directed and signs and trusses could be erected as and where needed. Artur's background with ancillary structures made him the best fit within Volkert to work on this task.

04/23 - 09/27 (est.)

District 04 IIA 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 Joining Volkert

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



Firm employed by: Volkert, Inc.

Anthony Bibelhauser, CBI | *Ancillary Structure Inspection & Evaluation Team Leader*

Years of relevant experience with this employer

24

Years of relevant experience with other employer(s)

8

Degree(s) / Years / Specialization

n/a

Year registered

n/a

Active registration number / state / expiration date

n/a

Discipline

n/a

Contract role(s) / brief description of responsibilities:

Mr. Bibelhauser will be providing Ancillary Structure Inspection & Evaluation services. Mr. Bibelhauser fulfills Minimum Personnel Requirement #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. Bibelhauser has more than 30 years of structural inspection experience. He has experience as a CBI/Diver for the state of Florida in FDOT Districts 1 and 7 and is a Certified Tunnel Inspector. Mr. Bibelhauser has performed hundreds of inspections as a team leader on fixed, movable, and long structures. His experience also includes inspection of sign structures and construction works, also, he is a certified commercial diver. Mr. Bibelhauser's training and certifications include:

- NHI Bridge Inspection Refresher Training
- NHI Safety Inspection of In-Service Bridges
- NHI Fracture Critical Inspection Techniques for Steel Bridges
- NHI Inspection and Maintenance of Ancillary Highway Structures
- NHI Tunnel Safety Inspection

01/15-12/22

SAM Districtwide Structure Inspection | FDOT Districts 1 and 7. Mr. Bibelhauser served as Bridge Inspector. The project provided structures inspection and maintenance design involving approximately 1,100 bridges, 1,250 TSMAs, and 690 HMLPs, both state and locally owned. Bridge types included long bridges (Howard Frankland and Gandy bridges), long segmental post-tension bridges (Selmon Crosstown Expressway), local timber bridges, and concrete culverts. Volkert teamed with ICA and performed inspections (including initial inspections), incidental engineering, and emergency response services (design CEI). Volkert also provided services that included emergency repair design, CEI, survey, and load ratings.

09/14-Ongoing

I-4 Ultimate P3 Structures Inspection | Orlando, FL | FDOT District 5. Mr. Bibelhauser served as a Bridge Inspector on this project to rebuild and upgrade I-4 through the Orlando area. It added four tolled express lanes to the interstate while maintaining the existing free general-use lanes. Volkert's asset maintenance responsibilities for the project include inspection of existing bridges, signs, HMLPs, and TSMAs, as well as inspections for 160 new bridges, 300 new signs, and 85 new TSMAs. A critical aspect of Volkert's work involves establishing documentation for new structures within the state bridge management system. Engineering support includes repair design and evaluation of various construction-related structure damage, such as repair design of damage to a steel box girder due to a vehicle collision at Conroy Road over I-4 and repair concepts and monitoring pile settlement at I-4 over Ivanhoe Blvd.

04/21-05/23

FDOT District 6 Bridge and Signal Structure Inspections. Volkert, Inc. has been a key engineering partner for FDOT District 6, performing comprehensive inspection services across both Miami-Dade and Monroe Counties. Our team is deeply familiar with the District's bridge and structural inventory, with extensive experience under various Asset Maintenance and statewide inspection contracts. As part of the Districtwide In-Depth State Bridge Inspection Program, Volkert is responsible for inspecting approximately 287 bridges, including routine, fracture critical, and movable structures. Our services encompass underwater inspections, post-rehabilitation assessments, in-service and post-repair inspections, as well as interim and emergency inspections. This inventory includes: • 59 underwater inspections • 15 mechanical and electrical components • 6 concrete segmental bridges • 24 fracture critical bridges We ensure compliance with national and state inspection practices, with all bridges accurately load-rated, posted where required, and free of critical deficiencies. In Monroe County, Volkert leads the Florida Keys

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].
	Bridge Inspection, performing 65 routine inspections, including large post-tensioned segmental bridges such as the iconic Seven Mile Bridge. Volkert also supports the Districtwide Traffic Signal Mast Arms (TSMAs) and High Mast Light Poles (HMLPs) Inspection Program, which covers: • 4,235 TSMAs at 1,365 intersections • 172 HMLPs • 30 estimated interim TSMA inspections per cycle Tasks include routine and initial inspections, BrM data documentation, structural remediation, repair recommendations, EDMS updates, and rapid emergency response. Through these efforts, Volkert contributes to the safe operation and structural integrity of critical transportation infrastructure throughout FDOT District 6.
04/21-05/23	FDOT District 6 Bridge and Signal Structure Inspections. Volkert, Inc. has been a key engineering partner for FDOT District 6, performing comprehensive inspection services across both Miami-Dade and Monroe Counties. Our team is deeply familiar with the District's bridge and structural inventory, with extensive experience under various Asset Maintenance and statewide inspection contracts. As part of the Districtwide In-Depth State Bridge Inspection Program, Volkert is responsible for inspecting approximately 287 bridges, including routine, fracture critical, and movable structures. Our services encompass underwater inspections, post-rehabilitation assessments, in-service and post-repair inspections, as well as interim and emergency inspections. This inventory includes: • 59 underwater inspections • 15 mechanical and electrical components • 6 concrete segmental bridges • 24 fracture critical bridges We ensure compliance with national and state inspection practices, with all bridges accurately load-rated, posted where required, and free of critical deficiencies. In Monroe County, Volkert leads the Florida Keys Bridge Inspection, performing 65 routine inspections, including large post-tensioned segmental bridges such as the iconic Seven Mile Bridge. Volkert also supports the Districtwide Traffic Signal Mast Arms (TSMAs) and High Mast Light Poles (HMLPs) Inspection Program, which covers: • 4,235 TSMAs at 1,365 intersections • 172 HMLPs • 30 estimated interim TSMA inspections per cycle Tasks include routine and initial inspections, BrM data documentation, structural remediation, repair recommendations, EDMS updates, and rapid emergency response. Through these efforts, Volkert contributes to the safe operation and structural integrity of critical transportation infrastructure throughout FDOT District 6.
07/13-06/20	Florida Keys Bridge Inspection Monroe County, FL FDOT District 6. Mr. Bibelhauser served as Bridge Inspector. The project called for 65 routine inspections, including four large post-tensioned segmental bridges (including the Seven Mile Bridge), 14 overhead signs, three HMLPs, and 45 TSMAs. Services included creating work orders, attending maintenance meetings (FARC), and providing engineering support and emergency incident response.
08/17-07/21	Overhead Sign Structures and HMLPs Districtwide Inspection FDOT District 2. Mr. Bibelhauser served as Bridge Inspector. The project was for inspection of approximately 599 overhead structures. Additionally, 94 weathering HMLPs were included in the requirements. Data from the General Sign Information Report was checked and compared to existing conditions.
07/05-06/12	I-95 and SR 826 Asset Management Project Bridge, Sign, and HMLP Inspection FDOT District 6. Mr. Bibelhauser served as Bridge Inspector for inspection of 205 bridges, 305 signs, and 102 HMLPs. Volkert performed incidental engineering and emergency response, and was responsible for securing and managing specialty engineering as needed. Additional services included load ratings, EDMS uploading, inspection reporting in a Pontis format, FARC meetings, GIS map production, emergency response, and traffic control.
07/07-06/14	I-75 Asset Management Bridge and Ancillary Structure Inspection FDOT Districts 1, 4, 5, 6, and 7. Mr. Bibelhauser served as Bridge Inspector. The project was for the inspection of approximately 170 bridges, 105 overhead sign structures, 250 HMLPs, 14 CCTVs, and 11 TSMAs along a 340-mile segment of I-75 in five counties. Inspection included routine, interim, post-rehab, special-accident, and underwater structures. Volkert was also responsible for initiation of work orders and processing. Engineering support included load rating, repair design, repair CEI, and assisting in maintenance, planning (FARC meetings), and emergency response.
09/20-09/21	Hurricane Sally Response. Following the devastation of Hurricane Sally in the Florida Panhandle, Volkert was called to investigate the damage at the newly constructed Pensacola Bay Bridge. Following the initial assessment of the Alabama crews, additional personnel from Tampa, Pinellas Park, and Mississippi were quickly mobilized. In addition to the topside inspection of the Pensacola Bay Bridge, Volkert underwater teams were deployed to assess the integrity of the piers and detect any debris on the bay floor or lodged in the pier foundations. While several crews continued the inspection at Pensacola Bay, several other crews inspected over 700 ancillary structures in Escambia and Santa Rosa Counties to ensure the roadways were safe for the traveling public.

Firm employed by: Volkert, Inc.

Matt Massotto, CBI | *Ancillary Structure Inspection & Evaluation Team Leader*

Years of relevant experience with this employer

19

Years of relevant experience with other employer(s)

0

Degree(s) / Years / Specialization

n/a

Year registered

n/a

Active registration number / state / expiration date

n/a

Discipline

n/a

Contract role(s) / brief description of responsibilities:

Mr. Massotto will be providing Ancillary Structure Inspection & Evaluation services. Mr. Massotto fulfills Minimum Personnel Requirement #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. Massotto has 17 years of structural inspection experience. He has performed bridge inspections on numerous complex bridges ranging from large through truss structures and cable-stayed bridges to common concrete and steel bridges. Additionally, he has considerable experience inspecting various ancillary structures such as overhead signs, traffic-signal mast arms (TSMAs), and high-mast light poles (HMLPs). Mr. Massotto's training and certifications include:

- NHI Bridge Inspection Refresher Training
- NHI Safety Inspection of In-Service Bridges
- NHI Fracture Critical Inspection Techniques for Steel Bridges
- NHI Inspection and Maintenance of Ancillary Highway Structures
- NHI NDE Fundamentals for BI
- NHI NDE for Concrete Bridge Elements

08/17-07/21

Overhead Sign Structures and HMLPs Districtwide Inspection | FDOT District 2. Mr. Bibelhauser served as Bridge Inspector. The project was for inspection of approximately 599 overhead structures. Additionally, 94 weathering HMLPs were included in the requirements. Data from the General Sign Information Report was checked and compared to existing conditions.

09/14-Ongoing

I-4 Ultimate P3, Structures Inspection | Seminole and Orange Counties, FL | FDOT District 5. Bridge Inspector. This project rebuilds and upgrades I-4 through the Orlando area. It will add four tolled express lanes to the interstate while maintaining the existing free general use lanes. Volkert's role in the asset maintenance portion of the project includes inspection of existing bridges, signs, HMLPs and TSMAs, inspections for 160 new bridges, 300 new signs and 85 new TSMAs. Establishing documentation for new structures in the state bridge management system is a key component of Volkert's effort. Engineering support includes repair design and evaluation of various construction related structure damage. Highlights include repair design of damage to steel box girder due to a vehicles collision at Conroy Road over I-4 and providing repair concepts and monitoring of pile settlement at I-4 over Ivanhoe Blvd.

09/11-01/23

Districtwide State Bridge Inspection | Districtwide, FL | FDOT District 5. Mr. Massotto serves as Inspection Team Leader for this 48-month contract. The project objective is to inspect and respond to emergencies related to 370 state-owned structures and 663 local-owned structures, including 407 on-system fixed structures, 253 off-system fixed structures, and three on-system movable structures, encompassing long structures as well as fracture critical inspections.

01/15-12/22

South Structure Asset Maintenance (SAM) Districtwide Bridge Inspection, Contract 1 | Districtwide, FL | FDOT District 1. Mr. Massotto served as Bridge Inspector and responded to hurricane-affected areas to determine damage. The project provided structures inspection and maintenance design involving approximately 1,000 bridges, with types that included long bridges (I-75 over Peace River and the Edison Bridges), continuous steel box girders, local timber bridges, and concrete culverts. These structures are both state and locally owned. Volkert teamed with ICA on this project and performed inspections (including initial inspections), incidental engineering, and emergency response services (design CEI). Volkert assisted by coordinating with local owners, recommending structure repairs, conducting engineering evaluations, and performing load ratings.

Firm employed by: Volkert, Inc.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time years of experience specified in the applicable MPR(s).]
04/21-05/23	FDOT District 6 Bridge and Signal Structure Inspections. Volkert, Inc. has been a key engineering partner for FDOT District 6, performing comprehensive inspection services across both Miami-Dade and Monroe Counties. Our team is deeply familiar with the District's bridge and structural inventory, with extensive experience under various Asset Maintenance and statewide inspection contracts. As part of the Districtwide In-Depth State Bridge Inspection Program, Volkert is responsible for inspecting approximately 287 bridges, including routine, fracture critical, and movable structures. Our services encompass underwater inspections, post-rehabilitation assessments, in-service and post-repair inspections, as well as interim and emergency inspections. This inventory includes: • 59 underwater inspections • 15 mechanical and electrical components • 6 concrete segmental bridges • 24 fracture critical bridges We ensure compliance with national and state inspection practices, with all bridges accurately load-rated, posted where required, and free of critical deficiencies. In Monroe County, Volkert leads the Florida Keys Bridge Inspection, performing 65 routine inspections, including large post-tensioned segmental bridges such as the iconic Seven Mile Bridge. Volkert also supports the Districtwide Traffic Signal Mast Arms (TSMAs) and High Mast Light Poles (HMLPs) Inspection Program, which covers: • 4,235 TSMAs at 1,365 intersections • 172 HMLPs • 30 estimated interim TSMA inspections per cycle Tasks include routine and initial inspections, BrM data documentation, structural remediation, repair recommendations, EDMS updates, and rapid emergency response. Through these efforts, Volkert contributes to the safe operation and structural integrity of critical transportation infrastructure throughout FDOT District 6.
08/17-11/23	Districtwide SAM Contract 2 Bridge Inspection Districtwide, FL FDOT Districts 1 and 7. Mr. Massotto served as Bridge Inspector for this contract that called for two years of structures inspection and maintenance design involving approximately 1,030 state and locally owned bridges. Bridge types included long bridges (Howard Frankland), post-tensioned box girders, local timber bridges, and concrete culverts. Volkert teamed with ICA and performed inspections (including initial inspections), incidental engineering, and emergency response services. Volkert provided coordination with local owners, recommendations of structure repairs, engineering evaluation, and load ratings. Safety assessments were provided for Tropical Storm Fay. Engineering services included: 56th Street at Hillsborough Avenue repair review; Fort Basinger bridge repair study; I-275 Bayway ramps emergency repair; and I-375 ramp pier repairs.
01/15 - 12/22	SAM Districtwide Structure Inspection Districtwide, FL FDOT Districts 1 and 7. Mr. Massotto serves as Bridge Inspector. The project provides structures inspection and maintenance design involving approximately 1,100 bridges and 1,250 TSMAs. Bridge types include long bridges (Howard Frankland and Gandy bridges), long segmental post-tension bridges (Selmon Crosstown Expressway), local timber bridges, and concrete culverts. These structures are both state and locally owned. Volkert is teamed with ICA on this project and performs inspections (including initial inspections), incidental engineering, and emergency response services (design CEI). Additionally, Volkert provides engineering services that include emergency repair design, CEI, survey, and load ratings.
09/20-09/21	Hurricane Sally Response. Following the devastation of Hurricane Sally in the Florida Panhandle, Volkert was called to investigate the damage at the newly constructed Pensacola Bay Bridge. Following the initial assessment of the Alabama crews, additional personnel from Tampa, Pinellas Park, and Mississippi were quickly mobilized. In addition to the topside inspection of the Pensacola Bay Bridge, Volkert underwater teams were deployed to assess the integrity of the piers and detect any debris on the bay floor or lodged in the pier foundations. While several crews continued the inspection at Pensacola Bay, several other crews inspected over 700 ancillary structures in Escambia and Santa Rosa Counties to ensure the roadways were safe for the traveling public.
12/10 - 02/16	SAM Districtwide Contract for TSMA and HMLP Inspections Districtwide, FL FDOT Districts 1 and 7. Mr. Massotto served as Bridge Inspector on this project that provided structures inspection and maintenance design involving approximately 1,250 TSMAs and 690 HMLPs. Volkert was teamed with ICA on this project and performed inventory/schedule planning, inspections, incidental engineering, and emergency response. Additionally, Volkert provided coordination with local owners, recommendations of structure repairs, and engineering evaluations. Engineering services included design of the Howard Frankland Causeway sign repairs, the Sunshine Skyway Causeway sign repairs, and several over-height beam hits, two of which included steel beam heat straightening.

Firm employed by: Volkert, Inc.

Jeffrey "Todd" Powell, CBI | *Ancillary Structure Inspection & Evaluation Team Leader*

Years of relevant experience with this employer

18

Years of relevant experience with other employer(s)

10

Degree(s) / Years / Specialization

n/a

Year registered

n/a

Active registration number / state / expiration date

n/a

Discipline

n/a

Contract role(s) / brief description of responsibilities:

Mr. Powell will be providing Ancillary Structure Inspection & Evaluation 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. Powell joined Volkert in 2006 and has experience in the topside and underwater inspection of bridges, including timber, concrete, steel and pipe culvers. He is experienced in Element Level, BrM, and CID coding procedures and policies. He is a certified Bridge inspection in Alabama (#629) and Florida (#377) and is also a PADI Advanced Open Water Diver #0110393606. Professional Training includes:

- NHI Non-Destructive Testing Methods for Steel Bridges
- NHI Safety Inspection of In-Service Bridges
- NHI Underwater Bridge Inspection

- NHI Fracture Critical Inspection Techniques for Steel Bridges
- NHI Inspection and Maintenance of Ancillary Highway Structures
- NHI Stream Stability and Scour at Highway Bridges for Bridge Inspectors

08/17-07/21

Overhead Sign Structures and HMLPs Districtwide Inspection | FDOT District 2. Mr. Bibelhauser served as Bridge Inspector. The project was for inspection of approximately 599 overhead structures. Additionally, 94 weathering HMLPs were included in the requirements. Data from the General Sign Information Report was checked and compared to existing conditions.

09/14-Ongoing

I-4 Ultimate P3, Structures Inspection | Seminole and Orange Counties, FL | FDOT District 5. Bridge Inspector. This project rebuilds and upgrades I-4 through the Orlando area. It will add four tolled express lanes to the interstate while maintaining the existing free general use lanes. Volkert's role in the asset maintenance portion of the project includes inspection of existing bridges, signs, HMLPs and TSMAs, inspections for 160 new bridges, 300 new signs and 85 new TSMAs. Establishing documentation for new structures in the state bridge management system is a key component of Volkert's effort. Engineering support includes repair design and evaluation of various construction related structure damage. Highlights include repair design of damage to steel box girder due to a vehicles collision at Conroy Road over I-4 and providing repair concepts and monitoring of pile settlement at I-4 over Ivanhoe Blvd.

07/05-Ongoing

Nationwide Bridge Inspection Services for the Eastern Federal Lands Highway Division (EFLHD) of the Federal Highway Administration (FHWA). Scour Evaluations, Team Leader, Underwater Inspector. Volkert was selected in 2005, 2010, and again in 2015 to provide NBIS and Pontis element level inspections for structures owned by NPS and other federal agencies. This is an IDIQ 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 inspection reports. To date, Volkert has performed over 4,900 bridge inspections and over 800 load rating assessments in over 45 states and Washington, DC.

09/17-Ongoing

Timber Bridge Inspection IDIQ Master Contract, for the Office of State Aid Road Construction Office of State Aid Road Construction. Bridge Inspector. The work assignments include all timber substructure or timber superstructure as requested by OSARC. Volkert's bridge inspectors are conducting an NBIS safety inspection; developing load ratings for each bridge and providing recommendations when the rating needs to be adjusted; developing maintenance and repair recommendations as required; and developing plans/cost estimates for maintenance and repair recommendations.

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].
08/13-Ongoing	Complex Bridge Inspection Consulting Engineering Contract, for the Office of State Aid Road Construction Office of State Aid Road Construction. Bridge Inspector/Dive Team Member. The bridges included in this contract consisted of steel bridges with fracture critical members, specifically continuous plate girders, steel girders, railroad flat cars, and movable bridges. These bridges also included 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.
04/21-05/23	FDOT District 6 Bridge and Signal Structure Inspections. Volkert, Inc. has been a key engineering partner for FDOT District 6, performing comprehensive inspection services across both Miami-Dade and Monroe Counties. Our team is deeply familiar with the District's bridge and structural inventory, with extensive experience under various Asset Maintenance and statewide inspection contracts. As part of the Districtwide In-Depth State Bridge Inspection Program, Volkert is responsible for inspecting approximately 287 bridges, including routine, fracture critical, and movable structures. Our services encompass underwater inspections, post-rehabilitation assessments, in-service and post-repair inspections, as well as interim and emergency inspections. This inventory includes: • 59 underwater inspections • 15 mechanical and electrical components • 6 concrete segmental bridges • 24 fracture critical bridges We ensure compliance with national and state inspection practices, with all bridges accurately load-rated, posted where required, and free of critical deficiencies. In Monroe County, Volkert leads the Florida Keys Bridge Inspection, performing 65 routine inspections, including large post-tensioned segmental bridges such as the iconic Seven Mile Bridge. Volkert also supports the Districtwide Traffic Signal Mast Arms (TSMAs) and High Mast Light Poles (HMLPs) Inspection Program, which covers: • 4,235 TSMAs at 1,365 intersections • 172 HMLPs • 30 estimated interim TSMA inspections per cycle Tasks include routine and initial inspections, BrM data documentation, structural remediation, repair recommendations, EDMS updates, and rapid emergency response. Through these efforts, Volkert contributes to the safe operation and structural integrity of critical transportation infrastructure throughout FDOT District 6.
09/20-09/21	Hurricane Sally Response. Following the devastation of Hurricane Sally in the Florida Panhandle, Volkert was called to investigate the damage at the newly constructed Pensacola Bay Bridge. Following the initial assessment of the Alabama crews, additional personnel from Tampa, Pinellas Park, and Mississippi were quickly mobilized. In addition to the topside inspection of the Pensacola Bay Bridge, Volkert underwater teams were deployed to assess the integrity of the piers and detect any debris on the bay floor or lodged in the pier foundations. While several crews continued the inspection at Pensacola Bay, several other crews inspected over 700 ancillary structures in Escambia and Santa Rosa Counties to ensure the roadways were safe for the traveling public.
2006-2018	Multiple Cycles of the Local Government Bridge Inspection Program for FDOT, District Three. Bridge Inspector/Dive Team Member. 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 a NBI rating; and a detailed report, including photographs and deficiency sketches.
2006-2019	Fracture-Critical Inspection of Truss Bridges in Morgan and Madison Counties, Alabama for ALDOT Bridge Inspector. Following the collapse of the I-35W Mississippi River Bridge in Minnesota, ALDOT contracted Volkert to perform fracture-critical inspections and load rating reviews of two of the State's major truss bridges the US 31 over the Tennessee River bridge in Morgan County and the US 231 over the Tennessee River at the Morgan-Madison County Line. Volkert built load rating models of both bridges. After publication of the gusset plate findings in Minnesota, ALDOT contracted Volkert to perform further special inspections of the gussets, which was used to create a GT STRUDL model to analyze each connection.

Firm employed by: Volkert, Inc.

Steven Armstrong, PE, CBI | *Ancillary Structure Inspection & Evaluation Team Leader*

Years of relevant experience with this employer

2

Years of relevant experience with other employer(s)

8

Degree(s) / Years / Specialization

B.S. | 2015 | Civil Engineering
M.S. | 2021 | Civil Engineering

Year registered

2020

Active registration number / state / expiration date

44405 / Louisiana / 9/30/2026

Discipline

Civil



Contract role(s) / brief description of responsibilities:

Mr. Armstrong will be providing Ancillary Structure Inspection & Evaluation services. He will be fulfilling MPR #3.

Experience dates
[mm/yy-mm/yy]

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

Mr. Armstrong brings over 10 years of experience and has a strong background in the construction oversight of coastal and ecological construction projects, proposal writing and budget creation, project management, safety inspection of bridges, 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.

2015-2022

LADOTD Statewide Inventory and Inspection of Sign Trusses (2020-2025), Louisiana. Project manager and team leader for the five-year retainer contract to perform approximately 1,550 overhead sign truss inspections and rehabilitation designs throughout Louisiana. Ancillary inspections include steel and aluminum welds, high stress moment connections, and fracture critical elements in accordance with FHWA guidelines. Team performed Level III inspections with ultrasonic testing on bolted connections, mag particle testing on steel welded connections, and dye penetrant testing on aluminum-welded connections. Mr. Armstrong is also responsible for the general day to day project logistics. He performs quality assurance/quality control reviews on inspections reports. Steven's team was responsible for the construction QA inspection of newly erected ancillary sign trusses throughout Louisiana. 11168-01

- LADOTD Ancillary Sign Inspection Manual. Co-author/editor for the development of the ancillary sign inspection manual.
- LADOTD Ancillary Database Platform. Co-author/editor for the development of the ancillary sign inspection database platform and GIS based platform.
- LADOTD Construction Acceptance Inspections.

2015-2022

LADOTD Statewide Inventory and Inspection of Sign Trusses (2015-2020), Louisiana. Assistant project manager and team leader to perform approximately 1,400 overhead sign truss inspections and rehabilitation designs throughout Louisiana. Ancillary inspections include steel and aluminum welds, high stress moment connections, and fracture critical elements in accordance with FHWA guidelines. Team performed Level III inspections with ultrasonic testing on bolted connections, mag particle testing on steel welded connections, and dye penetrant testing on aluminum-welded connections. Performed quality assurance/quality control reviews on inspections reports. LADOTD Ancillary Sign Inspection Manual. Co-author/editor for the development of the ancillary sign inspection manual.

2005 - Ongoing

Louisiana Department and Transportation and Development (LADOTD), IJA Off-System Bridge Replacement Program; District 04, Louisiana. Engineer who assists in the implementation and management of the LADOTD's Infrastructure Investment and Jobs Act (IJA) 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.

10/21 - 02/22

Louisiana Port of New Orleans (PONO) Harmony Street and 7th Street Wharf Inspection as part of the PONO Structural Inspection and Load Rating Contract, Louisiana. Mr. Armstrong was the team leader for the inspection of the rail line adjacent to the wharf edge, including the substructure, superstructure, and rail condition rating per the AREMA guidelines. Volkert is tasked to review and analyze existing structural load ratings of the rail bridge and update the load rating if findings deem necessary.

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).].
2022-Ongoing	Plaquemines Parish Government, Hurricane Ida Telecom Tower Repairs, Plaquemines Parish, Louisiana. Plaquemines Parish Government, Hurricane Ida Telecom Tower Repairs, Plaquemines Parish, Louisiana. Mr. Armstrong is the Project Manager and one of the Engineers of Record on the multidisciplinary project that includes structural and site inspection, civil site, mechanical, electrical, and communications engineering. Mr. Armstrong is responsible for the day-to-day management of the project and the civil site services. Volkert is responsible for the civil and electrical engineering services while using sub consultants for communications and mechanical engineering. The project is to analysis the sites and determine the damage incurred to the site, structures, emergency communication equipment, towers, mechanical and electrical systems due to Hurricane Ida for replacement under FEMA mitigation funds.
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. <ul style="list-style-type: none"> 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 to collect overview inventory photos. 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 to collect overview inventory photos.
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. <ul style="list-style-type: none"> 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 sight 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 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 the report team to develop the in-depth inspection report and input into the LADOTD AssetWise bridge management program.
2014- 2022 (Prior to Volkert)	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.

Firm employed by: Volkert, Inc.

Paul Swann, CBI | *Radio Tower Inspection*

Years of relevant experience with this employer

20

Years of relevant experience with other employer(s)

7

Degree(s) / Years / Specialization

n/a

Year registered

n/a

Active registration number / state /
expiration date

n/a

Discipline

n/a

Contract role(s) / brief description of responsibilities:
Mr. Swann will provide radio tower inspection 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. Swann joined Volkert in 2004 and serves as a Bridge Inspector and member of Volkert's Underwater Bridge Inspection Team (Dive Team Member). His project experience includes bridge inspection and bridge scour analysis. He is responsible for the coordination of Volkert's dive team schedule and handles the maintenance of all bridge inspection equipment and vehicles in the structural department. Mr. Swann's specific project Bridge Inspection experience includes:

- NHI Safety Inspection of In- Services Bridges
- NHI Tunnel Safety Inspection

08/17-07/21

Overhead Sign Structures and HMLPs Districtwide Inspection | FDOT District 2. Mr. Bibelhauser served as Bridge Inspector. The project was for inspection of approximately 599 overhead structures. Additionally, 94 weathering HMLPs were included in the requirements. Data from the General Sign Information Report was checked and compared to existing conditions.

07/05 – Ongoing

Nationwide Bridge Inspection Services for the Eastern Federal Lands Highway Division (EFLHD) of the Federal Highway Administration (FHWA). Mr. Swann serves as a bridge and tunnel inspector and underwater inspector. Volkert was selected in 2005, 2010, and again in 2015 to provide NBIS and Pontis element level inspections for structures owned by NPS and other federal agencies. This is an IDIQ assigned by individual task orders to identify structural or functional deficiencies and make recommendations and cost estimates for repairs. For each task order, Volkert provides routine, interim, or initial inspections of identified structures, then completes bridge inspection reports. Under these contracts, Volkert has performed inspection services for nearly 4,400 structures in 45 states and Washington, DC including 161 USFS structures in Regions 1, 2, 3, 4, 5, 8, and 9.

08/13-Ongoing

Assistant Inspector for Complex Bridge Inspection Consulting Engineering Contract, for the Office of State Aid Road Construction (OSARC). 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].
04/21 - 05/23	FDOT District 6 Bridge and Signal Structure Inspections. Volkert, Inc. has been a key engineering partner for FDOT District 6, performing comprehensive inspection services across both Miami-Dade and Monroe Counties. Our team is deeply familiar with the District's bridge and structural inventory, with extensive experience under various Asset Maintenance and statewide inspection contracts. As part of the Districtwide In-Depth State Bridge Inspection Program, Volkert is responsible for inspecting approximately 287 bridges, including routine, fracture critical, and movable structures. Our services encompass underwater inspections, post-rehabilitation assessments, in-service and post-repair inspections, as well as interim and emergency inspections. This inventory includes: • 59 underwater inspections • 15 mechanical and electrical components • 6 concrete segmental bridges • 24 fracture critical bridges We ensure compliance with national and state inspection practices, with all bridges accurately load-rated, posted where required, and free of critical deficiencies. In Monroe County, Volkert leads the Florida Keys Bridge Inspection, performing 65 routine inspections, including large post-tensioned segmental bridges such as the iconic Seven Mile Bridge. Volkert also supports the Districtwide Traffic Signal Mast Arms (TSMAs) and High Mast Light Poles (HMLPs) Inspection Program, which covers: • 4,235 TSMAs at 1,365 intersections • 172 HMLPs • 30 estimated interim TSMA inspections per cycle Tasks include routine and initial inspections, BrM data documentation, structural remediation, repair recommendations, EDMS updates, and rapid emergency response. Through these efforts, Volkert contributes to the safe operation and structural integrity of critical transportation infrastructure throughout FDOT District 6.
09/20-09/21	Hurricane Sally Response. Following the devastation of Hurricane Sally in the Florida Panhandle, Volkert was called to investigate the damage at the newly constructed Pensacola Bay Bridge. Crews were mobilized from Mobile and Daphne, Alabama and on-site within an hour of getting the call, despite these crews not having power and dealing with damage to their own homes. Following the initial assessment of the Alabama crews, additional personnel from Tampa, Pinellas Park, and Mississippi were quickly mobilized. In addition to the topside inspection of the Pensacola Bay Bridge, Volkert underwater teams were deployed to assess the integrity of the piers and detect any debris on the bay floor or lodged in the pier foundations. While several crews continued the inspection at Pensacola Bay, several other crews inspected over 700 ancillary structures in Escambia and Santa Rosa Counties to ensure the roadways were safe for the traveling public.
09/05 - 01/13	Assistant Bridge Inspector and Dive Team Member for the I-10 Twin Span Quarterly Bridge Inspection for the I-10 bridge over Lake Pontchartrain Louisiana Department of Transportation and Development (LADOTD). Volkert completed a bridge inspection report on both the eastbound and Westbound sections of the I-10 Bridge Over Lake Pontchartrain for the Louisiana DOTD. In order for the Louisiana DOTD to be able to provide accurate bid documents for repairs to the I-10 Lake Pontchartrain Bridge after it was damaged during Hurricane Katrina, the Louisiana DOTD selected Volkert to perform damage assessment inspections on the structures. Both the eastbound and westbound bridges were damaged, with spans in the water, shifted or missing. The eastbound bridge had 38 spans in the water, 170 spans shifted, but no bents missing. The westbound bridge had 26 spans in the water, 303 shifted, and 1 bent missing. The westbound approach roadway had significant undermining of existing concrete paving and required replacement of the flowable fill. Major issues observed included corroded shear studs, broken barrier rails, and misalignment of spans. Existing navigation lights were damaged and not functional after the storm, so immediate repairs recommended included the installation of solar-powered navigation lights to ensure maritime traffic safety. Elevated sections of the bridges were found to be in good condition. Volkert was responsible for performing National Bridge Inspection Standards (NBIS) bridge inspections and assisting with the completion of the final report on recommended repairs. Monthly under and above-water inspections of the bridge structure will continue until the bridge replacement is complete. Mr. Swann was responsible for assisting with the topside inspections and underwater inspections (#515800.30 Initial assessment contract; # 515801.30; #515802.30 Plan review; #515803.30 CEI services; #515804.30-bridge inspection of east and westbound sections; #515805.30 WIM Design)
12/05 - 12/06	Assistant Inspector for the Bulkhead Inspections in Bayou La Batre, Alabama for the City of Bayou La Batre Port Authority. Volkert completed visual inspections for multiple sites in Bayou La Batre associated with the Bayou La Batre Channel Improvements Project. Inspections consisted of 127 cleats, 148 concrete caps, 152 timber piles, and 135 pile straps, looking for corrosion, erosion, missing bents or piles, and structural problems. Recommendations for repairs were made in a report to the Port Authority.

Firm employed by: Volkert, Inc.

Casey Lester, PE, SPRAT | *Ancillary Structure Inspection & Evaluation Team Leader*

Years of relevant experience with this employer

<1

Years of relevant experience with other employer(s)

11

Degree(s) / Years / Specialization

B.S. | 2013 | 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. Lester will be providing Ancillary Structure Inspection & Evaluation services. He will be fulfilling MPR #6.



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. Lester's experience includes coordination of bridge inspection staff; structure access; developing inspection procedures; and preparing and submitting inspection reports for transportation projects within West Virginia. As a project manager, Mr. Lester has gained experience creating design models for roadway projects by utilizing MicroStation and InRoads modeling software. In addition to his project management experience, he has worked as a field surveyor and CADD modeler and participated in topographic, hydraulic, and stakeout surveys. He has two years of experience working with a terrestrial LiDAR scanner which included data acquisition, feature reduction, and edge modeling from the point cloud. Certifications: FHWA/National Highway Institute (NHI): Design and Evaluation of Steel Bridges for Fatigue and Fracture; Safety Inspection of In-Service Bridges; Fracture Critical Bridge Inspection; SPRAT Access.

2023
(Prior to Volkert)

Interstate 70 Bridges Project, Wheeling, WV, WVDOT– Quality Assurance Management (QAM) Engineer. This project consisted of simultaneously rehabilitating 24 bridges and replacing two bridges along one of the busiest interstates in West Virginia—all within a 36-month schedule and using complicated maintenance of traffic (MOT) plans. The project included steel repairs, deck replacements/overlays, substructure modifications, and substructure shotcrete repairs. Responsibilities: Provided daily coordination among the WVDOT, QC staff, and engineers of record (EOR) on one of the most complex projects ever awarded by the WVDOT. Led submittal and RFI review meetings with the EORs, WVDOT, and the contractor; provided practical field solutions to change of field conditions to keep the project on schedule; provided plan and specification interpretations to field personnel; negotiated change order scope and pricing with the WVDOT and contractor; and coordinated field staff and the contractor to ensure material certification.

2022
(Prior to Volkert)

2nd Lt. Theodore R. Woo Memorial Bridge Inspection, Kanawha County, WV, WVDOT– Lead Inspector. This task involved the inspection of a 2,383-foot-long bridge composed of eleven continuous steel multi-girder spans and three spans of continuous steel haunched girders with a floorbeam and stringer floor system. The bridge carries westbound traffic of Interstate 64 over the Kanawha River between South Charleston, WV and Dunbar, WV. Responsibilities: Managed subcontractor coordination, inspection report writing, and assisted in the bridge inspection. The bridge inspection was conducted using rope access methods and advanced climbing techniques to avoid lane closures on a heavily traveled interstate.

2019
(Prior to Volkert)

Interstate 70 Bridges Upgrade Inspections, Wheeling, WV, WVDOT– Lead Inspector. This task involved a multiple team effort to simultaneously inspect 24 bridges to develop repair plans on a busy section of Interstate 70. Bridges inspected included the Fort Henry bridge over the Ohio River and the famously long Back Channel Bridge which carries Interstate 70 over Wheeling Island and the Back Channel of the Ohio River. Responsibilities: Coordinated 11 inspection teams, MOT plans, and equipment coordination.

2017
(Prior to Volkert)

Bakerton Road Bridge Relocation, Jefferson County, WV, WVDOT – Project Manager. The project consisted of relocating CR 27 on a new bridge downstream of the existing bridge. Responsibilities: Led the design and coordination of the project from initial design through ROW acquisition and utility relocation.

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).].
2014 (Prior to Volkert)	Interstate 70 Exit 4 Ramp Widening, Ohio County, WV, WVDOT – Project Manager. The project relieved traffic backing up on to the interstate by creating more storage for left turning vehicles while allowing traffic moving through to do so uninterrupted. Responsibilities: Led the design of a widened exit ramp.
2014 (Prior to Volkert)	Interstate 64 Truck Escape Ramp Redesign, Sandstone Mountain, Raleigh County, WV, WVDOT – Project Manager. The project consisted of re-designing the existing truck escape ramp on Sandstone Mountain to meet with AASHTO specifications. Responsibilities: Managed the design and coordination of the project from initial design phase through construction-ready plans. The design involved adjusting the ramp vertical alignment, length, and width to make the proposed escape ramp safer for trucks that enter it.

Firm employed by: Volkert, Inc.

Vincent DePianta, PE, CBI | *Ancillary Structure Inspection & Evaluation Team Leader*

Years of relevant experience with this employer

6

Years of relevant experience with other employer(s)

7

Degree(s) / Years / Specialization

M.S. | 2014 | Civil Engineering

B.S. | 2013 | 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. DePianta will be providing Ancillary Structure Inspection & Evaluation 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. DePianta has over 13 years of engineering experience in Florida highway structures design, preparing repair plans and procedures and conducting inspections and damage assessments of highway structures. He is a Certified Bridge Coatings Inspector - Level 1 and has performed Quality Assurance reviews of structures inspections, prepared structures load ratings and is a certified commercial drone pilot for aerial surveys of traffic conditions, emergency operation reviews and structures inspections. He is proficient in AutoCAD, Inventor Pro, STAAD Pro V8i, RAM Concept, Smartbridge, Leap Concrete, MDX, MathCAD, Matlab, Visual Basic Programming Language and Microsoft Office, Word, Excel, PowerPoint, Project and Access. His certifications include:

- FAA Certified Drone Pilot No.4282324, 2019
- SMRP Certified Maintenance and Reliability Professional No.163184, 2017
- SSPC Bridge Coatings Inspection Training, 2016
- FDOT Advanced Temporary Traffic Control MOT No. 50299
- FDOT Advanced Mobilization of Traffic, No 8921, 2015

2024-Ongoing

Overhead Sign and HMLP Inspection | Districtwide, FL | FDOT District 4. Mr. DePianta serves as Volkert's Project Manager and Confirming Engineer in a subconsultant role to TranSystems, for this Overhead Sign and HMLP contract. He is responsible for all scheduling, inspection, engineering, and administrative duties, Volkert provided support of the overhead sign structures on I-95 and provided emergency support services.

2023-Ongoing

Districtwide In-Depth State Bridge Inspection | Miami-Dade County, FL | FDOT District 6. Mr. DePianta provides Load Rating and Structural Design services for this contract that involves the routine, interim, initial, and emergency inspection and load rating analysis of 287 bridges within Miami-Dade County. Inspection types consist of underwater, mechanical and electrical, concrete segmental, and fracture critical. The fracture critical and gusset plate inspections are performed using FDOT 850-010-030 procedures and each report includes an addendum with plans and sketches identifying the fracture critical members and the inspection procedures used for the hands-on inspection. Volkert uses a Harcon lift boat to access the underside of bridges over water where applicable.

2024-Ongoing

Wekiva Parkway (SR 429) Bridge Inspection | Districtwide, FL | FDOT District 5. Mr. DePianta serves as Deputy Project Manager and Confirming Engineer, in a subconsultant role to Vesper Global, for this asset maintenance contract. He is responsible for all scheduling, inspection, engineering, and administrative duties. The objective is to inspect and respond to emergencies related to 40 bridges and 14 overhead sign structures. The inventory includes several crossings over environmentally sensitive areas, segmental box girder bridges, and tolling gantries. Volkert is also providing engineering support services for maintenance activities and repairs.

2024-Ongoing

Local Government Bridge Inspection | Districtwide, FL | FDOT District 4. Mr. DePianta serves as Deputy Project Manager and Confirming Engineer, in a subconsultant role to KCA, for this Local Government Bridge Inspection contract. He is responsible for all scheduling, inspection, engineering, and administrative duties. Assignments included extensive underwater inspection support as well as some topside inspection support, including emergency services.

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).].
2024	Escambia County Bridge Inspections Escambia County Escambia County Board of County Commissioners. Mr. DePianta serves as Project Manager and Confirming Engineer for this task work order. He is responsible for all scheduling, inspection, engineering, and administrative duties. The objective was to provide a bridge inspection at each site as required by the National Bridge Inspection Standards (NBIS) and State of Florida requirements. This included underwater inspections services. Load rating services were also included on an as-needed basis.
06/23-08/27	Districtwide State Bridge Inspection Districtwide, FL FDOT District 5. Mr. DePianta serves as Deputy Project Manager (DPM) and Confirming Engineer for this 48-month contract. He is responsible for all scheduling, inspection, engineering, and administrative duties. The project objective is to inspect and respond to emergencies related to 370 state-owned structures encompassing long structures as well as fracture critical inspections. This contract also included the inspection of the Sunrail Corridor which included the Lake Monroe Draw Bridge.
2021-2023	Hillsborough County Engineering Services, Bridge Rehabilitation and Guardrail Program Hillsborough County, FL Hillsborough County. Mr. DePianta serves as Deputy Project Manager for this contract. Volkert is providing structural engineering services to Hillsborough County that include bridge inspection, underwater investigations, geotechnical analysis, structural repair and rehabilitation, bridge replacement design, and design-build criteria package development, as needed. As Deputy Project Manager, Mr. DePianta has been involved with staff-hour negotiations, client meetings, subconsultant coordination, scheduling, and management of project deliverables.
2019-Ongoing	Widening of SR 91 from West Palm Beach Service Plaza to SR 710 Florida's Turnpike Enterprise. Mr. DePianta serves as Structural Engineer for the widening of SR 91 between the West Palm Beach Service Plaza and SR 710. This 12-mile widening project consists of two phases, Part A and Part B. Part A consists of the analysis and design of SR 91 and associated side streets to determine the impacts of widening the existing SR 91 on an adjacent Florida Gas Transmission (FGT) gas line. Part B will provide the final design along the corridor. The project will also require widening two bridges and replacing eight bridges.

Firm employed by: Volkert, Inc.

Britt Bumpers, PE, CBI | *Ancillary Structure Inspection & Evaluation Assistant Inspector*

Years of relevant experience with this employer

29

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 be providing Ancillary Structure Inspection & Evaluation 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. 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 will be responsible for assisting in performing topside bridge inspections, scour evaluations, review/development of the respective reports, and bridge load ratings.

- NHI Safety Inspection of In- Services Bridges
- NHI Tunnel Safety Inspection

- NHI Fracture Critical Inspection Techniques for Steel Bridge
- BrM/Element Inspection Refresher Course (ALDOT)

07/02-Ongoing

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 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.

07/02-12/21

Structural Engineering and Inspection Services throughout Atlanta, Georgia (Metropolitan Atlanta Rapid Transit Authority (MARTA)). Mr. Bumpers served as Team Leader/Tunnel Inspector and provided Load Rating Assessments. Volkert has been selected as the prime consultant for this task order-based contract, which consists of providing MARTA with Structural Engineering & Inspection Services including 16 miles of heavy rail transit aerial structures, 37 tunnels, and vehicular bridges with various types of site access conditions and 14 aerial stations. MARTA oversees the heavy rail transit systems throughout Atlanta, Georgia. A breakdown of MARTA's aerial structures by superstructure type is as follows: 4.64 miles of steel box girders; 1.40 miles of steel plate girders; 0.06 miles of rolled shape steel; 1.5 miles of pre-cast segmental concrete box girders; 5 miles of cast-in-place concrete box girders; 3.23 miles of AASHTO concrete girders; 0.12 miles of concrete thru-girders; and 0.02 miles of concrete flat slab bridges. The aerial structures are over local streets, private property, creeks, and railroads. Volkert was also responsible for the initial element level inspection of 36 rail tunnels that accounted for approximately 9 miles of MARTA's transit rail system. These detailed, "hands on" inspections were performed during non-peak hours with coordinated track closures at nights and on weekends. Volkert's team produced detailed tunnel inspection plans and reports of their findings with recommendations of maintenance and rehabilitation needs.

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].
08/13-Ongoing	Engineer & Bridge Inspector for Complex Bridge Inspection Consulting Engineering Contract, for the Mississippi Department of Transportation, Office of State Aid Road Construction (OSARC). 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.
04/21-03/22	Engineer & Bridge Inspector for IDIQ Contract for Tunnel Inspections (LADOTD). 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.
09/20-09/21	Hurricane Sally Response. Following the devastation of Hurricane Sally in the Florida Panhandle, Volkert was called to investigate the damage at the newly constructed Pensacola Bay Bridge. Crews were mobilized from Mobile and Daphne, Alabama and on-site within an hour of getting the call, despite these crews not having power and dealing with damage to their own homes. Following the initial assessment of the Alabama crews, additional personnel from Tampa, Pinellas Park, and Mississippi were quickly mobilized. In addition to the topside inspection of the Pensacola Bay Bridge, Volkert underwater teams were deployed to assess the integrity of the piers and detect any debris on the bay floor or lodged in the pier foundations. While several crews continued the inspection at Pensacola Bay, several other crews inspected over 700 ancillary structures in Escambia and Santa Rosa Counties to ensure the roadways were safe for the traveling public.

Firm employed by: Volkert, Inc.

Stephen Dossett, PE, CBI | *Ancillary Structure Inspection & Evaluation Assistant Inspector*

Years of relevant experience with this employer 10

Years of relevant experience with other employer(s) 7

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 be providing Ancillary Structure Inspection & Evaluation 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. Dossett worked at Volkert from 2013-2016 and rejoined Volkert in 2018 and has over 18 years of experience. He assists in the completion of bridge inspections and conceptual plans for bridge improvement projects.

- NHI Safety Inspection of In- Services Bridges
- NHI Tunnel Safety Inspection

07/05 - Ongoing

Project Engineer/Bridge Inspector for Nationwide Bridge Inspection Services for the Eastern Federal Lands Highway Division (EFLHD). 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.

07/14-01/19

Project Manager for the I-59/I-20 Bridge Rehabilitation for Alabama Department of Transportation (ALDOT). 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 1970's, 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.

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].
09/17-Ongoing	Project Manager for Timber Bridge Inspection IDIQ Master Contract, for the Office of State Aid Road Construction (OSARC). 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.
2013-2016	QA Manager/Project Engineer for Multiple Cycles of the Local Government Bridge Inspection Program for the Florida Department of Transportation (FDOT), District Three. 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 a NBI rating; and a detailed report, including photographs and deficiency sketches.

Firm employed by: Volkert, Inc.

Robert Scheeler, PE, CBI | *Ancillary Structure Inspection & Evaluation Assistant Inspector*

Years of relevant experience with this employer

9

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 | 03/31/2026

Discipline

Civil



Contract role(s) / brief description of responsibilities:

Mr. Scheeler will be providing Ancillary Structure Inspection & Evaluation 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. 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 29 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

08/13-Ongoing

Project Manager for Complex Bridge Inspection Consulting Engineering Contract, for the Office of State Aid Road Construction (OSARC). 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.

09/20-09/21

Hurricane Sally Response. Following the devastation of Hurricane Sally in the Florida Panhandle, Volkert was called to investigate the damage at the newly constructed Pensacola Bay Bridge. Crews were mobilized from Mobile and Daphne, Alabama and on-site within an hour of getting the call, despite these crews not having power and dealing with damage to their own homes. Following the initial assessment of the Alabama crews, additional personnel from Tampa, Pinellas Park, and Mississippi were quickly mobilized. In addition to the topside inspection of the Pensacola Bay Bridge, Volkert underwater teams were deployed to assess the integrity of the piers and detect any debris on the bay floor or lodged in the pier foundations. While several crews continued the inspection at Pensacola Bay, several other crews inspected over 700 ancillary structures in Escambia and Santa Rosa Counties to ensure the roadways were safe for the traveling public.

09/17-08/20

Project Manager for Timber Bridge Inspection IDIQ Master Contract, for the Office of State Aid Road Construction (OSARC). 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

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].
	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.
10/19 - Ongoing	Project Manager for Non-complex Load Ratings, for the Office of State Aid Road Construction (OSARC). 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	Project Manager for Bridge Inspections at John C. Stennis Space Center in Mississippi, Syncom Space Services. 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.

Matt Burnett, PE, CBI | *Ancillary Structure Inspection & Evaluation Assistant Inspector*

Years of relevant experience with this employer

14

Years of relevant experience with other employer(s)

1

Degree(s) / Years / Specialization

BS | 2009 | Civil Engineering

Year registered

2021

Active registration number / state /
expiration date

45464 | LA | 09/30/2025

Discipline

Civil

Contract role(s) / brief description of responsibilities:

Mr. Burnett will be providing Ancillary Structure Inspection & Evaluation 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. Burnett has more than 12 years of experience as a Professional Engineer, NBIS Team Leader, Certified Bridge Inspector, Certified Tunnel Inspector and ADCI Commercial Diver. He conducts topside and underwater structure inspections, load ratings, scour evaluations for the development of the respective reports. He has served as a Team Leader and/or Dive Team Leader on major Volkert structures inspection projects for State DOTs, local agencies, and federal clients nationwide. Mr. Burnett's expertise also includes the analysis of in-service structures and legal posting requirements. He has supervised and performed the analysis of nearly 1,000 structures across the country including post-tensioned segmental box girders, railroad flatcars, timber structures, steel trusses and box girders, concrete slab units, and steel and concrete girders.

- NHI Safety Inspection of In- Services Bridges
- NHI Tunnel Safety Inspection

08/17-07/21

Overhead Sign Structures and HMLPs Districtwide Inspection | FDOT District 2. Mr. Bibelhauser served as Bridge Inspector. The project was for inspection of approximately 599 overhead structures. Additionally, 94 weathering HMLPs were included in the requirements. Data from the General Sign Information Report was checked and compared to existing conditions.

07/05 - Ongoing

Nationwide Bridge Inspection Services for the Eastern Federal Lands Highway Division (EFLHD) of the Federal Highway Administration (FHWA). Mr. Burnett serves as Team Leader, Underwater Inspector. He provides Scour Evaluations and Load Ratings. Volkert was selected in 2005, 2010, and again in 2015 to provide NBIS and Pontis element level inspections for structures owned by NPS and other federal agencies. This is an IDIQ assigned by individual task orders to identify structural or functional deficiencies and make recommendations and cost estimates for repairs. For each task order, Volkert provides routine, interim, or initial inspections of identified structures, then completes bridge inspection reports. Under these contracts, Volkert has performed inspection services for nearly 4,400 structures in 45 states and Washington, DC including 161 USFS structures in regions 1, 2, 3, 4, 5, 8, and 9.

08/18 - Ongoing

Underwater Bridge Inspection, Statewide for MDOT, Office of State Aid Road Construction (OSARC). Mr. Burnett serves as Underwater Bridge Inspector. Volkert teamed with Collins Engineers for underwater investigation, evaluation, and recommendation of repairs of 82 bridge substructures ranging from small stream crossings to large cable-stayed structures. A Level I inspection was conducted on underwater components, as well as a 10% Level II inspection and random Level III procedures as determined necessary in the field.

Firm employed by: Volkert, Inc.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time years of experience specified in the applicable MPR[s].
09/20-09/21	Hurricane Sally Response. Following the devastation of Hurricane Sally in the Florida Panhandle, Volkert was called to investigate the damage at the newly constructed Pensacola Bay Bridge. Crews were mobilized from Mobile and Daphne, Alabama and on-site within an hour of getting the call, despite these crews not having power and dealing with damage to their own homes. Following the initial assessment of the Alabama crews, additional personnel from Tampa, Pinellas Park, and Mississippi were quickly mobilized. In addition to the topside inspection of the Pensacola Bay Bridge, Volkert underwater teams were deployed to assess the integrity of the piers and detect any debris on the bay floor or lodged in the pier foundations. While several crews continued the inspection at Pensacola Bay, several other crews inspected over 700 ancillary structures in Escambia and Santa Rosa Counties to ensure the roadways were safe for the traveling public.
2014-2016	Local Government Bridge Inspection Program, Cycle 14-16, FL, FDOT District 3. Mr. Burnett served as Bridge Inspector, performed load ratings and was a part of the scour and dive team staff. This local government bridge inspection project includes bridge inspection services of approximately 900 locally owned bridges in District Three. Under the contract, Volkert was responsible for identifying deficiencies as well as determining and recording the structural condition of each bridge based on PONTIS element-level condition criteria. Volkert held this contract in 2-year cycles from 1988 - 2018.
08/13-Ongoing	Statewide Complex Bridge Inspections for the Mississippi Department of Transportation Office of State Aid Road Construction (OSARC). Mr. Burnett served as Team Leader/Load Rating Engineer. The project included approximately 104 structures in 15 counties, four movables (basculer, swing, and lift). The team performed load ratings on all structures inspected.
2015-2017	Region-wide Bridge Inspection Services for Tuscaloosa/Fayette Areas for ALDOT West Central Region. Mr. Burnett served as Project Manager. Volkert provided over 100 bridge inspections along various routes throughout the Region on a weekly basis. Volkert bridge inspection team obtained measurements of bridge components to conduct a bridge element analysis, developed inspection reports, and entered the data in the BrM program.
2015-2016	Asset Maintenance Safety Inspections, Franklin, Gulf, Jefferson, Liberty, and Wakulla Counties, FL, FDOT District 3. Mr. Burnett served as Bridge Inspector, performed load ratings and was a part of the scour and dive team staff.

Firm employed by: Volkert, Inc.

Charles "Robert" Chambless Jr., CBI | *Ancillary Structure Inspection & Evaluation*
Assistant Inspector

Years of relevant experience with this employer

3

Years of relevant experience with other employer(s)

28

Degree(s) / Years / Specialization

n/a

Year registered

n/a

Active registration number / state /
 expiration date

n/a

Discipline

n/a

Contract role(s) / brief description of responsibilities:

Mr. Chambless will be providing Ancillary Structure Inspection & Evaluation 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. Chambless joined Volkert in 2021. Prior to joining Volkert, he spent 28 years with the Alabama Department of Transportation. During that time, he worked his way from Bridge Inspector Trainee to Chief Bridge Inspector to Maintenance Operations Manager. Mr. Chambless has inspected numerous types of bridges including reinforced concrete, prestress concrete, post tensioned concrete, cable stay structure, fracture critical steel bridges, vertical lift draw bridge. Mr. Chambless can operate various types of vehicles, manlifts, and boats used to inspect bridges and culverts. The later part of his was spent as the Maintenance Operations Manager where he was responsible for managing the ALDOT's Resurfacing Program. Mr. Chambless' training and certifications include:

- NHI Safety Inspection of In-Service Bridges
- NHI Culvert Inspection
- NHI Bridge Painting Inspection
- NHI Stream Stability and Scour at Highway Bridges for Bridge Inspectors
- NHI Stream Stability Factors and Concepts

- NHI Fracture Critical Inspection Techniques for Steel Bridges
- NHI Underwater Bridge Inspection
- NHI Underwater Bridge Repair, Rehabilitation, and Countermeasures
- NHI Tunnel Safety Inspection
- NHI Tunnel Inspection Refresher Training

09/17-08/20

Assistant Bridge Inspector for the Timber Bridge Inspection IDIQ Master Contract for the Office of State Aid Road Construction (OSARC). The work assignments include the inspection of bridges with either timber substructures or timber superstructures as requested by OSARC. Volkert's bridge inspectors are conducting an NBIS safety inspection; developing load ratings for each bridge and providing recommendations when the rating needs to be adjusted; developing maintenance and repair recommendations as required; and developing plans/cost estimates for maintenance and repair recommendations. Continual coordination and communication with OSARC is critical to the project's success.

08/13-Ongoing

Bridge Inspector for Complex Bridge Inspection Consulting Engineering Contract, for the Office of State Aid Road Construction (OSARC). 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].
2021 - Ongoing	Assistant Inspector for the Bulkhead Inspections in Bayou La Batre, Alabama for the City of Bayou La Batre Port Authority. Volkert completed visual inspections for multiple sites in Bayou La Batre associated with the Bayou La Batre Channel Improvements Project. Inspections consisted of 127 cleats, 148 concrete caps, 152 timber piles, and 135 pile straps, looking for corrosion, erosion, missing bents or piles, and structural problems. Recommendations for repairs were made in a report to the Port Authority.
01/21 - 11/23	Underwater Bridge Inspection Services, South Carolina Department of Transportation (SCDOT). Mr. Chambless served as Assistant Bridge Inspector. Volkert teamed with Collins Engineering and was tasked with conducting hands-on underwater inspections of all substructure units using certified divers, from the highwater mark to the channel bottom. Divers performed a Level I inspection on 100% of the underwater element, and Level II visual/tactile inspections that included cleaning marine growth at the waterline, mid-depth, and channel bottom to facilitate an evaluation of the underlying surfaces.
2015 - Ongoing	Mobile County, Alabama Bridge Inspection Program. Mr. Chambless serves as Team Leader. Volkert has been contracted consecutively dating back to 1994 by the Mobile County Engineering Department to perform bridge inspection services throughout the County including topside, underwater, under bridge inspection vehicle (UBIV) inspections, emergency inspections, and scour assessments. Bridges include prestressed concrete girders, reinforced concrete girders, steel girders, concrete and steel pipe culverts, concrete box culverts, and timber stringers. Beginning in 2015, the inspections and reports were converted to element-level in accordance with the NBIS. Volkert is also responsible for assessing the streambed for scour to determine the structure's stability for future storm events, and designing scour countermeasure systems. Volkert also serves as the client representative when bridge data is audited by the State Maintenance Department.

Firm employed by: Volkert, Inc.

Corey Boss, CBI | *Ancillary Structure Inspection & Evaluation Assistant Inspector*

Years of relevant experience with this employer

11

Years of relevant experience with other employer(s)

0

Degree(s) / Years / Specialization

AS / 2013 / Drafting and Design

Year registered

n/a

Active registration number / state / expiration date

n/a

Discipline

n/a

Contract role(s) / brief description of responsibilities:

Mr. Boss will be providing Ancillary Structure Inspection & Evaluation 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. Boss joined Volkert in May of 2013 and has nine years of experience. Mr. Boss drafts bridges, roads, and culverts for new and reconstructed projects. He prepares the roadway and bridge plans utilizing professional software programs including AutoCad and Microstation. He also serves as an assistant bridge inspector. Mr. Boss' certifications include:

- NHI Safety Inspection of In-Service Bridges
- Open Water Diver, SSI International, 2020

09/20 - Ongoing

Statewide Underwater Bridge Inspection for the Mississippi Department of Transportation. Level I and Level II underwater inspections are being performed on steel, concrete, and timber substructure elements of bridges owned and maintained by MDOT. Performed initial and routine underwater inspections of 33 culverts and bridges in Bolivar, Carrol, Holmes, Sunflower, Tallahatchie, Warren, and Yazoo Counties.

2019 - Ongoing

Assistant Bridge Inspector/Drafter, Complex Bridge Inspection Consulting Engineering Contract, for the Office of State Aid Road Construction. The bridges included in this contract consisted of steel bridges with fracture critical members, specifically continuous plate girders, steel girders, railroad flat cars, and movable bridges. These bridges also included 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.

2016 - Ongoing

Assistant Bridge Inspector/Drafter, Bridge Inspections at John C. Stennis Space Center in Mississippi, Syncom Space Services. 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 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].
2017-Ongoing	Assistant Bridge Inspector/Drafter, Timber Bridge Inspection IDIQ Master Contract, for the Office of State Aid Road Construction. The work assignments include all timber substructure or timber superstructure as requested by OSARC. Volkert's bridge inspectors are conducting an NBIS safety inspection; developing load ratings for each bridge and providing recommendations when the rating needs to be adjusted; developing maintenance and repair recommendations as required; and developing plans/cost estimates for maintenance and repair recommendations.

Firm employed by: Volkert, Inc.

Gabriel Rice, EI | *Ancillary Structure Inspection & Evaluation Assistant Inspector*

Years of relevant experience with this employer

1

Years of relevant experience with other employer(s)

1

Degree(s) / Years / Specialization

BS | 2022 | Civil Engineering

Year registered

2022

Active registration number / state / expiration date

35152 | LA | 9/30/2026

Discipline

Civil EI

Contract role(s) / brief description of responsibilities:

Mr. Rice will be providing Ancillary Structure Inspection & Evaluation 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. Rice brings over two years of hands-on experience in water resources and bridge design and provides support on bridge inspection, bridge design, and program management.

09/22 - 09/27 (est.)

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.

07/23 - Ongoing

I-565 Bridge Widening (Mobile, AL) As a Structural Engineer Intern, Mr. Rice played a crucial role in the I-565 Bridge Widening project. My responsibilities included making final adjustments to bridge plans using Microstation and estimating quantities for various bridge components like concrete and steel. This project represents a significant enhancement in Mobile's infrastructure, ensuring both safety and efficiency in bridge design.

07/23 - Ongoing

Reconstruction of Wharf A and Wharf F, Port of Chalmette (Chalmette, LA) Mr. Rice assisted in correcting design plans using AutoCAD and analyzing pile data to ensure design strength compliance.

08/23 - 09/23

Plank Road Relocation (Baton Rouge, LA) Mr. Rice's responsibility was making plan corrections using AutoCAD. This role demanded precision and expertise in design software, contributing to the project's success within a limited timeframe.

Firm employed by: Volkert, Inc.

Will Valentine, EI | *Ancillary Structure Inspection & Evaluation Assistant Inspector*

Years of relevant experience with this employer

3

Years of relevant experience with other employer(s)

1

Degree(s) / Years / Specialization

BS | 2021 | 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. Valentine will be providing Ancillary Structure Inspection & Evaluation 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. Valentine is a civil engineering intern, and his responsibilities include assisting in bridge inspection, assisting in designing and detailing bridge superstructure elements, load rating complex and non-complex structures.

05/21 - Ongoing

Bridge Inspector, Complex Bridge Inspection Consulting Engineering Contract, for the Office of State Aid Road Construction (OSARC). The bridges included in this contract consisted of steel bridges with fracture critical members, specifically continuous plate girders, steel girders, railroad flat cars, and movable bridges. These bridges also included 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.

05/21 - Ongoing

Bridge Inspector, Timber Bridge Inspection IDIQ Master Contract, for the Office of State Aid Road Construction (OSARC). The work assignments included any timber sub structure or timber superstructure as requested by OSARC. Volkert's bridge inspectors conducted an NBIS safety inspection; developed load ratings for each bridge and provided recommendations when the rating needed to be adjusted; developed maintenance and repair recommendations as required; and developed plans/cost estimates for maintenance and repair recommendations.

Firm employed by: Volkert, Inc.

Kameron Flowers, EI | *Ancillary Structure Inspection & Evaluation Assistant Inspector*

Years of relevant experience with this employer

1

Years of relevant experience with other employer(s)

1

Degree(s) / Years / Specialization

BS | 2022 | Mechanical Engineering

Year registered

n/a

Active registration number / state / expiration date

n/a

Discipline

n/a

Contract role(s) / brief description of responsibilities:

Mr. Flowers will be providing Ancillary Structure Inspection & Evaluation 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. Flowers joined Volkert in October of 2023 and provides assessments, inspections, and serves as part of the Dive Team. Kameron has been performing load ratings in BridgeRating (BrR) for steel and timber bridges that Volkert inspected at Katahdin Woods & Water National Monument in Maine. Using the results of these inspections to model the deterioration of the members in the analysis.

12/24 - Ongoing

Consultant Bridge Inspection for ALDOT SW Region. Inspector/Dive Team. Volkert provided over 268 bridge and tunnel inspections along various routes throughout the Region on a weekly basis. These inspections required traffic control, and snoopers and lift vehicles (in some cases). Volkert bridge inspection team obtained measurements of bridge components in order to conduct a bridge element analysis and entered all data in the BrM program as well as provided bridge inspection reports. This contract includes inspections of the Wallace and Bankhead tunnels in Mobile.

08/23 - Ongoing

Complex Bridge Inspection Consulting Engineering Contract, for the Office of State Aid Road Construction (OSARC). Inspector/Dive Team. Volkert recently began working on our fourth cycle of work for OSARC, providing complex bridge inspections on selected bridges located throughout the state of Mississippi. The project consists of NBIS inspections, scour evaluations, and load ratings of these selected bridge sites. The bridges are owned and maintained by the various counties, cities, and towns throughout the state. 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. In addition to the fixed bridges under OSARC's responsibility, they are responsible for four movable bridges: one lift bridge, one swing bridge, and two bascule bridges.

07/24 - Ongoing

Nationwide Bridge Inspection Services for the Eastern Federal Lands Highway Division (EFLHD) of the Federal Highway Administration (FHWA). Inspector/Dive Team. Volkert was selected in 2005, 2010, and again in 2015 to provide NBIS and Pontis element level inspections for structures owned by NPS and other federal agencies. This is an IDIQ 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 inspection reports. To date, Volkert has performed over 3,723 bridge inspections and over 482 load rating assessments in over 44 states and Washington, DC.

03/23 - 03/24

Mobile County, Alabama Bridge Inspection Program. Inspector/Dive Team. Volkert has been contracted consecutively dating back to 1994 by the Mobile County Engineering Department to perform bridge inspection services throughout the County including topside, underwater, under bridge inspection vehicle (UBIV) inspections, emergency inspections, and scour assessments. Bridges in the county include pre-stressed concrete girders, reinforced concrete girders, steel girders, concrete and steel pipe culverts, concrete box culverts, and timber stringers. Beginning in 2015, the inspections and reports were converted to element level in accordance with the NBIS. Volkert is also responsible for assessing streambeds for scour, determining the structure's risk of becoming unstable during future storm events, and designing scour countermeasure systems. Volkert also serves as the client representative when bridge data is audited by the State Maintenance Department.

Firm employed by: Volkert, Inc.

Luke Chambless | *Ancillary Structure Inspection & Evaluation Assistant Inspector*

Years of relevant experience with this employer

4

Years of relevant experience with other employer(s)

1

Degree(s) / Years / Specialization

n/a

Year registered

n/a

Active registration number / state / expiration date

n/a

Discipline

n/a

Contract role(s) / brief description of responsibilities:

Mr. Chambless will be providing Ancillary Structure Inspection & Evaluation 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. Chambless has 4 years of experience in the diving industry as an assistant inspector. His experience includes the use of rigging equipment, operating jet pumps, welding equipment and associated maritime equipment. He has obtained his topside welding certification for commercial divers from the American Welding Society (AWS). Mr. Chambless' training and certifications include:

- Association of Commercial Diving Contractor (ADCI) qualified as Tender/Diver.

12/20 - Ongoing

Assistant Bridge Inspector for Bridge Inspection and Related Services related to an IDIQ Master Contract for the Office of State Aid Road Construction (OSARC). The project consists of performing NBIS inspections and load ratings on complex bridges in 11 Mississippi counties with various superstructure types which include fracture critical members and movable spans. For each bridge inspected, Volkert develops a bridge inspection plan which outlines access method and equipment required, traffic control requirements, inspection time, inspection personnel requirements, and railroad permit requirements including contact information and permit acquisition procedure.

12/20 - Ongoing

Assistant Bridge Inspector for Region-wide Bridge Inspection Services for the Alabama Department of Transportation (ALDOT) Southwest Region. The project will consist of routine bridge inspection services (topside and underwater) for 9 bridges in the region. These inspections required traffic control, and snooper and lift vehicles (in some cases). Volkert bridge inspection team obtained measurements of bridge components in order to conduct a bridge element analysis and entered all data in the BrM program as well as provided bridge inspection reports.

12/20 - Ongoing

Assistant Bridge Inspector for the Timber Bridge Inspection IDIQ Master Contract for the Office of State Aid Road Construction (OSARC). The work assignments include the inspection of bridges with either timber substructures or timber superstructures as requested by OSARC. Volkert's bridge inspectors are conducting an NBIS safety inspection; developing load ratings for each bridge and providing recommendations when the rating needs to be adjusted; developing maintenance and repair recommendations as required; and developing plans/cost estimates for maintenance and repair recommendations. Continual coordination and communication with OSARC is critical to the project's success.

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].
12/20 - Ongoing	Assistant Bridge Inspector for Mobile County Bridge Inspection Program in Mobile, Alabama for the Mobile County Commission. Volkert has been contracted consecutively dating back to 1994 by the Mobile County Engineering Department to perform bridge inspection services throughout the County including topside, underwater, under bridge inspection vehicle (UBIV) inspections, emergency inspections, and scour assessments.
12/20 - Ongoing	Assistant Bridge Inspector for Bridge Inspection and Compliance Reviews for the Town of Pike Road. Since 2016 Volkert has conducted Compliance Reviews for the Town of Pike Road. These reviews consist of conducting bridge inspections and report development in accordance with National Bridge Inspection Standards (NBIS) and the Alabama Department of Transportation (ALDOT) standards and specifications. The inspection will consist of site and condition ratings for each element (deck, superstructure, substructure) and any deficiencies will be documented with repair recommendations made as necessary. All information regarding the structure will be updated in the BrM system.

Firm employed by: Volkert, Inc.

Hossein Ghara, PE, MBA | *Design & Analysis*

Years of relevant experience with this employer

6

Years of relevant experience with other employer(s)

44

Degree(s) / Years / Specialization

MBA | 1986 | Business Administration
BS | 1976 | Civil Engineering

Year registered

1980

Active registration number / state / expiration date

18899 | LA | 3/31/2027

Discipline

Civil

Contract role(s) / brief description of responsibilities:

Mr. Ghara will provide design and analysis services, as needed.



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 in September 2018, Mr. Ghara worked for a consulting engineering firm for over 4 years. Prior to that, he served as the LADOTD State Bridge Engineer for 12 years. In this capacity, he administered and managed a major Section in Louisiana LADOTD as an appointing authority overseeing staff ranging from 65 to 110 people, comprising of primarily Civil and Structural Engineers, Electrical and Mechanical Engineers as well as many Engineering Technician. He served in several AASHTO Technical Committees nationwide such as Chair the Tech. Committee on Bridge and Tunnel Security, T-1 and member of the Tech. Committee on Concrete Design, T-10. He recently renewed his ATSSA Traffic Control Supervisor, Technician and Flagger certifications. While serving as State Bridge Design Engineer, he oversaw the rehabilitation work done to the Huey P. Long Bridge and construction of the John James Audubon bridge, which was Louisiana's first Design-Build bridge and is currently North America's longest Cable Stay Span Bridge.

09/22 - 09/27 (est.)

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. Mr. Ghara is the Senior Project Manager assisting in the Phase 1 preliminary screening matrix and bridge selection process based on a set budget provided; ultimately moving the selected bridges to construction while coordinating with the LADOTD and local stakeholders. Volkert is performing Hydraulic Analysis and Bridge Design services. Volkert will evaluate each site and provide a recommended drainage alternate type and applicable dimensions, as well as perform the hydraulic design of the drainage structure in accordance with the LADOTD Hydraulic Design Guidelines for the Off-System Bridge Replacement and Rehabilitation Program manual

02/20 - 08/24 (est.)

LA 23: Belle Chasse Bridge and Tunnel (HBI) Improvements, Plaquemines Parish (LADOTD). Mr. Ghara is serving as project manager for the Belle Chasse Bridge and Tunnel Improvements. Volkert will be responsible for providing all Engineering Design and Construction Support services including implementation of the Construction Quality Assurance Plan for the Belle Chasse Bridge & Tunnel Public Private Partnership (P3) Project which provides for the replacement of the Belle Chasse Tunnel and Judge Perez Lift Bridge with a new toll bridge. This includes the development of construction plans, bridge replacement plans, decommissioning of the Tunnel and development of O&M plans. As the OVT, Volkert will provide guidance and support to the LADOTD Project Manager prior to and during reviews, develop review comments, attend project meetings, ensure that the P3 adheres to their contract, and address other assignments as directed.

05/20 - 05/21

I-220/I-20 Interchange Improvements to BAFB Access Design-Build, Bossier Parish, LA for the LADOTD. Mr. Ghara is serving as Structural Engineer for Volkert's team. He is responsible for all project oversight for the Design and Construction 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 overpass of the KCS RR. The project terminus will tie to a BAFB roadway project creating a new access location for the base. State Contract No. 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).].
04/18 - 01/20	I-12 to Bush: LA 435 - LA 40/LA 41 for T. Baker Smith and the LADOTD. As a sub-consultant to T. Baker Smith, Volkert provided bridge and road design services as necessary to complete the submittal of Stage 3 Design, Part III Preliminary Plans. Volkert was responsible for the review of the environmental study, traffic data, parish maps, aerial photos, and LADOTD roadway classification.
05/19 - 07/20	I-12 Widening (US 190 to LA 59) Route I-12, St. Tammany Parish for T. Baker Smith, LLC and the LADOTD. Mr. Ghara served as Structural Engineer. Volkert is responsible for bridge design, road design, and ICE/CPM which includes all engineering services necessary to complete the submittal of Stage 3 Design, Part III, Preliminary Plans and Part IV, Final Plans. This project is to widen and rehabilitate I-12 to the median side from a four lane freeway to a six lane freeway section in both the East and Westbound direction. The project begins just west of US 190 and ends just east of LA 59 for approximately 4 miles.
06/20 - 8/24	Causeway Shoulder Bay Improvements, Jefferson Parish, LA for Greater New Orleans Expressway Commission. Mr. Ghara's served as Structural Engineer and his responsibilities include design of basic safety plan and elevation, design of girders, design of cable tray attachment and miscellaneous electrical details, design of sign support details and design of transition barriers. This project was executed using the CMAR alternative delivery method, a first for the State of Louisiana.
09/18 - 07/20	I-10: Highland Road to LA 73 Design-Build, East Baton Rouge and Ascension Parishes, LA (LADOTD). Mr. Ghara served as Review Engineer for the Owner Verification Team on Task Order 4 which allowed Volkert to provide project oversight and acceptance for both design and construction for the I-10 Design-Build project from Highland Road in East Baton Rouge Parish to LA 73 in Ascension Parish. He was responsible for all project oversight for the Design and Construction on this \$72M Design-Build project. This project consisted of upgrading a portion of I-10 in East Baton Rouge and Ascension Parish to a six-lane controlled access facility. State Contract No. 4400004915 TO 4, S.P. No. H.009250.
09/18 - 06/19	US 90 (I-49 South) Albertson Parkway to Ambassador Caffery Design-Build, Lafayette Parish, LA (LADOTD). Mr. Ghara served as Review Engineer for the Owner Verification Team on Task Order 6 which allowed Volkert to provide project oversight and acceptance for both design and construction for the US 90 (I-49 South) Albertson Parkway to Ambassador Caffery Design-Build Project in Lafayette Parish. Volkert's Baton Rouge office was responsible for all project oversight for the Design and Construction on this \$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.
<i>Prior to Joining Volkert</i>	Mr. Ghara served as the Louisiana LADOTD State Bridge Engineer for 12 years. In this capacity, administered and managed a major Section in Louisiana LADOTD as an appointing authority overseeing staff ranging from 65 to 110 people, comprising of primarily Civil and Structural Engineers, Electrical and Mechanical Engineers as well as many Engineering Technician. Mr. Ghara oversaw the State's Bridge Preservation Program which resulted in an average yearly bridge construction program of \$180M in addition of \$50 to \$100M of On and Off System Bridge Construction projects. Mr. Ghara oversaw Four Structural Design offices, each managed by an administrator serving the State Bridge Engineer as assistants. Consultant Management, Bridge Rating, Mechanical Engineering, Electrical Engineering. As State Bridge Engineer, he was the primary and the only voting member of the American Association of State Highways and Transportation Officials AASHTO Subcommittee on Bridges and Structures. While serving as State Bridge Design Engineer, he participated in the replacement and restoration of several major bridge structures such as the 1-10 Twin Spans, US 90 Vertical Lift Bridge over the Inner Harbor Navigation Canal in Danziger, US 11 Bridge over Lake Pontchartrain and several other Movable Bridges.

Firm employed by: Volkert, Inc.

Jacob Parker, PE | *Design & Analysis*

Years of relevant experience with this employer 4

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 | 9/30/2025

Discipline Civil

Contract role(s) / brief description of responsibilities:

Mr. Parker will provide design and analysis services, as needed.



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. Parker has over 20 years of structural engineering experience including in 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.

11/23 - 11/27 (est.)

IH 35, Capital Express North, TxDOT, Travis County, TX. 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.

02/20 - 08/24 (est.)

LA 23: Belle Chasse Bridge and Tunnel (HBI) Improvements, Plaquemines Parish (LADOTD). Mr. Parker is assisting with Volkert's responsibilities which is to provide all Engineering Design and Construction Support services including implementation of the Construction Quality Assurance Plan for the Belle Chasse Bridge & Tunnel Public Private Partnership (P3) Project which provides for the replacement of the Belle Chasse Tunnel and Judge Perez Lift Bridge with a new toll bridge. This includes the development of construction plans, bridge replacement plans, decommissioning of the Tunnel and development of O&M plans. As the OVT, Volkert will provide guidance and support to the LADOTD Project Manager prior to and during reviews, develop review comments, attend project meetings, ensure that the DBT adheres to their contract, and address other assignments as directed.

09/18 - 07/20

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.

Firm employed by: Volkert, Inc.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time years of experience specified in the applicable MPR(s).]
05/19 - 12/21	I-220/I-20 Interchange Improvements to BAFB Access Design-Build, Bossier Parish, LA (LADOTD). Mr. Parker is 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 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 overpass of the KCS RR. The project terminus will tie to a BAFB roadway project creating a new access location for the base. State Contract No. 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 responsibilities included design of basic safety plan and elevation, design of girders, design of cable tray attachment and miscellaneous electrical details, design of sign support details and design of transition barriers. Volkert was selected to design essential and long-awaited shoulder additions. The bridge shoulders, comprising 12 "shoulder bays," provide a safe space for disabled vehicles to pull over out of traffic. They will also increase safety for motorists and emergency personnel in the event of a crash. This project was executed using the CMAR alternative delivery method, a first for the State of Louisiana.
06/18 - 02/21	Almonaster Bridge Study, Orleans Parish, Port of New Orleans. The Almonaster Bridge Study was developed to assist the Port of New Orleans selecting a replacement option for the Almonaster Bridge over the Inner Harbor Industrial Canal. It reviewed several replacement options as well as rehabilitation and compared costs for design, construction and permitting, different applications of design criteria, constructability, and possible funding sources. Other things considered were the elimination of railroad crossings in the area and proposed additional connection roadways to accommodate these eliminations. The study required the review of load rating/inspection reports as well as substructure preliminary design for each alternative by Volkert.
01/22 - 01/23	Reconstruction of the Chalmette Slip, Wharves A & F St. Bernard Port Harbor & Terminal District St. Bernard Parish Arabi, LA. Mr. Parker served as Engineer of Record for Design which consisted of demolition and reconstruction of remaining original wharves at the Arabi Terminal. Reconstruction consisted of cast in place deck on precast concrete girders resting on precast concrete caps and supported by large diameter steel pipe pile bents supporting loads from 750 psf to 1000 psf or wheel loads from fully loaded forklift. Precast prestressed concrete box beams were used as edge beams and designed to take lateral loads from the berthing of ships. Bents were designed to absorb mooring loads and berthing loads. An upper and lower combination fender system was developed to handle both large vessels (upper) and barges (lower) so as to protect the superstructure and substructure from vessel impact. At grade portions of the wharves consisted of timber pile supported concrete slab designed to support 1000 psf or wheel loads from a fully loaded forklift, whichever controlled. Wharves were designed to comply with the following design codes and specifications: Various Port Facility Related Uniform Facilities Criteria (UFC), International Building Code (IBC), American Concrete Institute (ACI), and American Society of Civil Engineers (ASCE) Design of Marine Facilities Specification.

Firm employed by: Volkert, Inc.

Ahmed Rageh, PhD, PE | *Design & Analysis*

Years of relevant experience with this employer

2

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 | 9/30/2025

Discipline

Civil



Contract role(s) / brief description of responsibilities:

Mr. Rageh will provide design and analysis services, as needed.

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. Rageh has 14 years of experience in structural engineering with special emphasis on design and behavior of steel structures and bridges. He participated in designing and detailing of steel and post-tensioned bridges as well as designing, detailing and construction supervising of steel structures. He has in-depth knowledge of several national and international design codes including AASHTO, ACI, AISC, and PCI. Mr. Rageh's certifications include: Bridge Inspector Team Leader. Passed FHWA-NHI-130055 Safety Inspection of In-Service Bridges

06/23 - Ongoing

IH 10 at US 69 Highway Bridge, TXDOT, Jefferson, TX. Mr. 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. Mr. 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 QA/QC reviews of the steel straddle bents design.

05/23 - 06/23

Rehabilitation of I-10 Bridge over Mississippi River, DOTD, Baton Rouge, LA. Mr. Rageh serves as Project Manager. This project involves the rehabilitation of the steel spans of the I-10 bridge, which are deteriorating and contain cracks localized over supports. The project involves reviewing as built plans; performing site visits and field verification inspection for deteriorated regions; performing 3D finite element to determine the cause of cracking; and providing repair recommendations. Mr. Rageh's responsibilities also included leading the verification field inspection; leading/performing the 3D finite element analyses with shell elements; leading report preparation and proposing repair details; and reviewing repair plans prepared by junior engineers.

08/22 - 05/23

Load Rating of 114 Bridges, LADOTD. Mr. Rageh serves as Structural Engineer. This project involves the load rating of 114 existing bridge structures by the Load and Resistance Factor Rating method (LRFR). Bridge types included prestressed concrete girder bridges, steel girder bridges, precast and CIP slab bridges, swing bridges. Three-dimensional finite element modeling is being used as necessary for complex bridges. Mr. Rageh's responsibilities include performing load rating for prestressed concrete box girder bridges; leading other team members in rating prestressed concrete and multi-steel beam segments; and developing methodology, performing analyses, and developing a Mathcad file to rate inverted T caps with the Strut-and-Tie model.

Firm employed by: Volkert, Inc.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time years of experience specified in the applicable MPR(s).]
05/22 - 02/23	Load Testing and Evaluation of 19 Bridges, LADOTD. Mr. Rageh served as Structural Engineer. This project's scope of work was to evaluate 19 bridge structures that are posted for a load lesser than the Legal Loads and/or Special Hauling Vehicles. The evaluation was carried out utilizing load rating analysis and load testing coupled with detailed 3-D Finite Element Analysis with the aim of removing current load posting. Mr. Rageh's responsibilities included perform QA/QC on analyses and the final report prepared by other team members.
02/22 - 08/22	Venetian Causeway Bridge, FL, FDOT. The scope of work was to evaluate the arched concrete bridge segments that are posted for a load lesser than the Legal Loads and/or Special Hauling Vehicles. The evaluation was carried out utilizing load rating analysis and load testing coupled with detailed 3-D finite Element Analysis with the aim of removing current load posting. Mr. Rageh responsibilities included performing finite element analysis, developing instrumentation planning, and review/validation of diagnostic load testing results, and preparing final reports and commencement of results.
07/21 - 03/22	Hard Rock Stadium Pedestrian Bridge, City of Miami Gardens, FL. Mr. Rageh served as an Independent Peer Reviewer. This project involved the Hard Rock Stadium's Pedestrian Bridge which crosses over the Turnpike Access Road as a single span, prefabricated truss-type bridge with a total length of 207 feet. The scope of work included carrying out an Independent Peer Review (IPR) of the bridge design to ensure that the bridge could sustain the original design loads and the additional loads imposed by new signs mounted to the bridge in accordance with FDOT Design Manual (FDM). Mr. Rageh's responsibilities included performing the structural analysis and performing independent design checks of the truss member and connections.
05/21 - 09/22	MacArthur Interchange Phase II, LADOTD. Mr. Rageh served as an Independent Peer Reviewer and QA/QC. This project involved two new, on-ramp and off-ramp connections between the eastbound of the elevated West Bank Expressway (US 90-Z) and Frontage Road; demolishing the existing off-ramp; and widening the US 90-Z bridge structure to accommodate the new ramps. Mr. Rageh's responsibilities included performing analysis and design of overhead sign structures, performing quality control for deck design developed by intern engineers, performing quality control for Strut-and-Tie analyses of critical substructure elements, and leading intern engineers in risers, pier caps and bents elevations calculations.
09/20 - 02/21	Load Rating of 396 Bridges, LADOTD. Mr. 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 CIP slab bridges, concrete culverts, swing bridges, and timber bridges. Three-dimensional finite element modeling is used as necessary for complex bridges. Mr. Rageh's responsibilities included performing load rating for cast-in-place concrete culverts and performing QA/QC for 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). Mr. Rageh performed this work while completing his PhD. The work involved hands-on bridge testing and monitoring. 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 long-term monitoring system. The office work activities included collected data processing and developing calibrated 3D finite element models.

Firm employed by: Volkert, Inc.

Jonathan Gambino, PE, PTOE, RSP1 | *Traffic Engineering Process & Report Training*

Years of relevant experience with this employer

4

Years of relevant experience with other employer(s)

8

Degree(s) / Years / Specialization

BS | 2012 | Civil Engineering

Year registered

2017

Active registration number / state / expiration date

41496 | LA | 9/30/2025

Discipline

Civil

Contract role(s) / brief description of responsibilities:

Mr. Gambino will provide traffic engineering services, as needed.



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 10 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)
- RSP1 (#587)
- Traffic Engineering Analysis Process & Report, Module 1, 2, 3 (2019)
- ATSSA Flagger Certification
- ATSSA Traffic Control Technician Certification

07/21 - Ongoing

IMR Highland Road to LA 73, East Baton Rouge and Ascension Parishes, LADOTD | The interchange of I-10 at LA 42 (Highland Road) has been experiencing capacity issues as well as queuing along Highland Rd. The purpose of the Interchange Modification Report (IMR) is to analyze the existing roadway network and identify the best alternative to improve capacity at I-10 and Highland Rd interchange as well as any alternatives to improve Highland Rd. The goal of the project is minimize queuing on to the interstate. Mr. Gambino was responsible for coordinating a significant amount of data collection such as 7-day volume and classification counts, a speed study, travel time study, and field observations. This information will be input into a VISSIM simulation model and calibrated to match the field conditions. This model will be used to help identify the best alternatives to improve capacity, increase safety, and reduce delay the Interchange at I-10 and LA 42 in both the interim and long-term stages.

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 (LADOTD) | 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 is serving as Traffic Engineer for this project. SJB provided civil engineering, survey, SUE services and Volkert provided engineering support including development of a traffic study and geometric layouts for this roundabout to alleviate congestion and delays along this corridor.
10/15 - Ongoing	MacArthur Interchange Completion Phase II, Jefferson Parish, LA (LADOTD) Mr. Gambino is serving as Traffic Engineer for this project. This project includes the removal of one-off ramp and the addition of another on and off ramp eastbound of the West Bank Expressway in New Orleans. He also has served as the QA/QC manager of the plans and design which has encompassed the review of the constructability of various design and detail options. An example is to recommend drilled shafts instead of driving piles to minimize interference with the ground traffic and problems with the vibration during pile driving and overrun pile pay quantities. The project presents several challenges to its designers given it requires the strategic removal of a portion of the existing bridge made of the prestressed concrete box girders and transitioning to its two new bridge ramps. Working within the existing right of way and managing the movement of traffic during construction is among other requirements and challenges. S.P. No. H.011309.
08/17 - 02/20	Plank Road, East Baton Rouge Parish, LA (Baton Rouge Metropolitan Airport) Mr. Gambino served as Traffic Engineer for the design of Plank Road (the new alignment). This is project is to relocate Plank Road along a new alignment. The project includes ROW acquisition and all the design for a new 4 lane highway with J-turns. It also includes ROW acquisition and all the design for additional lanes along Harding and Hooper Road. It also includes a new lighting system and new signalized intersection. This project is an Airport project, funded by FAA, but the road will be transferred to LADOTD.
09/20 - 09/21	Oak Harbor Bridge Repair for LADOTD Mr. Gambino served as Project Manager. The bridge was struck by an excavator on a lowboy and several of the girders were damaged. Volkert provided a design and plans to repair the Oak Harbor bridge over I-10. The repair was designed is an in-place repair for any damaged prestressed girders as a result of the accident. Volkert followed the processes and procedures required by LADOTD to authorize the in-place repair. As a subconsultant to Kort Volkert reviewed as-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 Engineering Process & Report Training*

Years of relevant experience with this employer

1

Years of relevant experience with other employer(s)

2

Degree(s) / Years / Specialization

BS | 2022 | Civil Engineering

Year registered

2017

Active registration number / state / expiration date

35212 | LA EI | 03/31/2027

Discipline

Civil

Contract role(s) / brief description of responsibilities:

Mr. Pecoraro will provide traffic engineering services, as needed.



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 2 years of experience in both construction and design for several projects in Louisiana including: bridge construction, in-service bridge inspection, roadway construction, retaining wall construction, traffic studies/ analyses, and safe street action plans. His responsibilities have included: project management, construction engineering and inspection, traffic count analysis, crash data analysis, quality control, and bridge inspection. Mr. Pecoraro's certifications include:

- ATSSA Flagger Certification
- ATSSA Traffic Control Technician Certification
- Traffic Engineering Analysis Process & Report, Module 1, 2, 3 (2019)

05/23 - 01/24

North Pontchartrain at US 190 Traffic Analysis (St. Tammany Parish, LA). Mr. Pecoraro served as an Engineering Intern tasked to provide traffic count analysis, crash data analysis, and make improvement recommendations for the project intersection under the supervision of a Professional Traffic Operations Engineer (PTOE). The traffic analysis was performed to analyze the Level of Service (LOS) and safety operation and offer recommendations to improve traffic operations and safety at the intersection now and into the future.

08/23 - 10/23

Military Road/ Brownswitch Road Traffic Impact Analysis (St. Tammany Parish, LA). Mr. Pecoraro serves as an Engineering Intern tasked to provide traffic count analysis, crash data analysis, and make improvement recommendations for the project segment (Military Road between Crawford Landing and Brownswitch road, 4 intersections in the segment) under the supervision of a Professional Traffic Operations Engineer (PTOE) due to the construction of a large single-family home subdivision. The traffic analysis was performed to analyze the Level of Service (LOS) and safety operations of the segment and offer recommendations to improve traffic operations and safety operations in the area now and into the future.

07/23 - 10/23

City of Natchitoches Safe Streets for All (SS4A) Safety Action Plan (Natchitoches, LA). Mr. Pecoraro serves as an Engineering Intern tasked to provide crash data analysis and to make project recommendations based on crash analysis results and existing conditions under the supervision of a Professional Traffic Operation Engineer (PTOE) for the Natchitoches SS4A project. The goal of the project is to significantly reduce or eliminate traffic fatalities and severe injury crashes in the city of Natchitoches.

SECTION 16

STAFF EXPERIENCE

Engineering Operations, LLC

Samuel Williams, PE

William Gehry, CBI | MPR #3

Connor Kenney, CBI | MPR #14

Karl Davis | MPR #5

Caden D'Aoust | MPR #16

Jonathan Ivey, CBI | MPR #7

Mike O'Hara, EI | MPR #8

Taylor White, PE

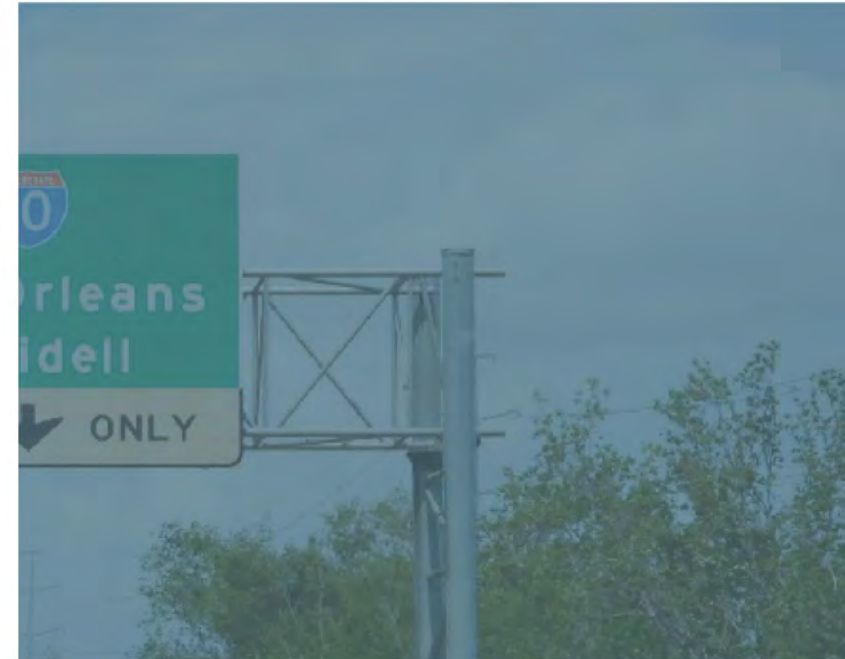
Kyle Rankin, CBI

Grace Mauberret, PE

Lucas Waldron

Jacob Snipes, EI

VOLKERT



Firm employed by: Engineering Operations, LLC

Samuel Williams, PE | Team Leader | SPRAT Rope Access Level I

Years of relevant experience with this employer 3

Years of relevant experience with other employer(s) 19

Degree(s) / Years / Specialization
MEng / 2010 / Ocean Engineering
BS / 2003 / Civil Engineering

Year registered 2011

Active registration number / state / expiration date 0036045 / Louisiana / 3/31/2027

Discipline Civil



Contract role(s) / brief description of responsibilities:

Mr. Williams will serve as a team leader overseeing sign truss inspections. He will ensure excellence in field inspection operations and play a vital role in reviewing report quality.

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

04/20-Ongoing	Louisiana Department of Transportation: Statewide Inventory and Inspection of Sign Trusses Mr. Williams is the Project Manager and a team leader for eO's second consecutive sub-consultant role on this project, which includes inspections of over 1,500 (routine and interim) overhead sign truss inspections throughout the state. The eO team works directly with the prime consultant and as an independent team to perform detailed structural inspections, anchor bolt testing, and emergency response efforts throughout the state. The inspected sign trusses are welded structures constructed from aluminum or steel, with each weld of the trusses checked closely for cracking and special attention paid to fatigue prone areas. Both bucket truck operations and SPRAT climbing methods are utilized to perform the inspections, creating a limited need for traffic control efforts. Our teams work seamlessly together, both in the field and in the office, to produce inspection findings reports that are based on the LADOTD and FHWA guidelines.
08/20-Ongoing	Louisiana Department of Transportation: Statewide Underwater Bridge Inspections Mr. Williams serves as the Project Manager and an NBIS team leader for this recurring contract to perform underwater bridge inspections throughout Louisiana in accordance with NBIS and AASHTO. eO serves as a sub-consultant role on this contract with Moffatt & Nichol as the prime. The scope includes Level I, II, and III inspections of underwater bridge elements, georeferenced soundings of the channel bottom, and underwater acoustic imaging (UAI) at major crossing and where dive conditions were hazardous. Mr. Williams is responsible for pre-inspection planning, scheduling, fieldwork, inspection reports, and overall quality standards.
09/18-Ongoing	Colorado Central I-70 Corridor Design/Inspection Contract (Denver, Colorado) Mr. Williams functioned as a special access coordinator on the Central 70 project, working closely with the more recent Project Principal, Benjamin Kenney, PE, and Project Manager, Remy Stern, PE, CWI. Our team performed bridge, sign, and tunnel inspections throughout the busy corridor on I-70, just east of downtown Denver, in addition to providing recommendations. Mr. Kenney and Mr. Williams would typically request a list of inspections that were due yearly to dissect what special access may be required for a comprehensive and high-quality inspection. Access challenges on Central 70 were variable, with some situations requiring multi-lane closures, night work, elevated work, lock-out tag-out, railroad access, confined space access and sometimes several of these combined. Mr. Williams always ensured that the team had the right training to perform the work they were being asked to do and had access plans to support their intentions for the inspection. This was principally important concerning railroad work and making sure that the correct approval had been obtained to execute inspections within railroad limits.

Firm employed by: Engineering Operations, LLC	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time years of experience specified in the applicable MPR(s).]
01/20-01/21	Louisiana Department of Transportation: In-Depth Bridge Inspection, Boyce and Simmesport, Louisiana Mr. Williams was the Deputy Project Manager and an NBIS inspector for the inspection of a post-tensioned segmental concrete box girder bridge located in Boyce, Louisiana, and a steel through-truss bridge located in Simmesport, Louisiana. Both inspections were completed in accordance with NBIS and the AASHTO Manual for Bridge Element Inspection. Field work included inspection of the interior of the concrete box girder, requiring confined space access and inspection of the truss floor system requiring use of an Under-Bridge Inspection truck (UBIT). Mr. Williams was also responsible for documenting bridge condition states and report preparation for both bridges.
01/19-01/20	Louisiana Department of Transportation: In-Depth Bridge Inspection, St. Francisville and Baton Rouge, Louisiana Mr. Williams was the Deputy Project Manager an NBIS inspector for the inspection of the Audubon Bridge in St. Francisville, Louisiana. The Audubon Bridge is a cable-stayed bridge with a main span length of 1,583-ft. Field work consisted of descending along the cables using rope access techniques to inspect the cables for any signs of deterioration. Additionally, Mr. Williams served as the Deputy Project Manager an NBIS inspector for the inspection of the Horace Wilkinson Bridge located in Baton Rouge, Louisiana. The Wilkinson Bridge is a cantilever truss/through truss bridge with a main span length of 1,235-ft. Field work consisted of climbing the truss members using SPRAT rope access techniques to inspect the steel members for any signs of deterioration. Both inspections were completed in accordance with NBIS and the AASHTO Manual for Bridge Element Inspection.
08/22-Ongoing	Wyoming Department of Transportation: Statewide On & Off-System Bridge Inspections Mr. Williams functioned as a special access coordinator on the Wyoming Department of Transportation Statewide On & Off-System Bridge Inspection contract. He worked with the Project Manager, Benjamin Kenney, PE, to ensure that any structures requiring special access had the correct personnel for the job and had the right safety training to perform the work. His role also involved creating access plans and sometimes being on-site to assist with specialty jobs that required rope access techniques or confined space methods. Mr. Williams also joined in to assist the team, typically in the form of a rope access professional, to build a safe practice culture from the inside. Most recently, he participated with the local WYDOT rope access team to perform NSTM inspections on two-girder systems carrying I-90 over the Powder River. This role has been immensely beneficial to our younger team members, who value Mr. Williams' hands-on expertise.
02/25-Ongoing	Texas Department of Transportation: Off-System Bridge Inspection Mr. Williams is a team leader for eO's sub-consultant role on this routine inspection project. As a sub-consultant, eO provides routine bridge inspection services (Inspections and Reports) for bridges assigned to eO by the client in accordance with TxDOT's Bridge Inspection Program. Mr. Williams leads the team throughout all inspections and in recording all findings on the appropriate standard forms provided by the State and updates the corresponding information in the bridge management software system, Assetwise. Structure types for this project include both bridges and culverts throughout the state of Texas. Inspections also include multiple changeovers of over a half mile long and 100-ft. high.

Firm employed by: Engineering Operations, LLC

William Gehry, CBI Team Leader SPRAT Rope Access		Years of relevant experience with this employer	4
		Years of relevant experience with other employer(s)	6
Degree(s) / Years / Specialization	n/a	Year registered	n/a
Active registration number / state / expiration date	SPRAT Level I - #2400504 - Exp. 03/23/27	Discipline	n/a



Contract role(s) / brief description of responsibilities:

Mr. Gehry will lead and conduct comprehensive ancillary truss inspections to pinpoint structural weaknesses, and conditions potentially impacting the structure. He fulfills MPR #3.

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time years of experience specified in the applicable MPR(s).
4/20-Ongoing	Louisiana Department of Transportation: Statewide Ancillary Sign Inspections Mr. Gehry is a team leader for eO's second consecutive sub-consultant role on this project, which includes inspections of over 1,700 (routine and interim) overhead sign truss inspections throughout the state. The eO team works directly with the prime consultant and as an independent team to perform detailed structural inspections, anchor bolt testing, and emergency response efforts throughout the state. The inspected sign trusses are welded structures constructed from aluminum or steel, with each weld of the trusses checked closely for cracking and special attention paid to fatigue prone areas. Both bucket truck operations and free climbing methods are utilized to perform the inspections, creating a limited need for traffic control efforts. Our teams work seamlessly together, both in the field and in the office, to produce inspection findings reports that are based on the LADOTD and FHWA guidelines. The eO team is also heavily involved in the rewriting of the LADOTD State Inspection Manual as part of a different task order.
05/15-05/21	Florida Department of Transportation: District Two – Districtwide Overhead Structures Inspections Mr. Gehry served as the team leader on three cycles of hands-on inspections of 950+ overhead sign structures, 490+ high mast light poles and 1,000 traffic signal mast arms in 18 counties. Inspections were submitted in Pontis format, as required by FDOT. The Pontis element notes included a description of all deficiencies, probable causes of the deficiencies, required corrective action, and evaluation of corrective action.
02/22-Ongoing	Central Florida's I-4 Ultimate Improvement Project Mr. Gehry is a team leader for eO's prime inspection consultant to perform routine, NSTM, and underwater inspections throughout the 21-mile stretch of Central Florida's most vital transportation artery. The team is responsible for the structural inspection of each and every structure within the corridor, which includes complex and routine bridges, overhead signs, traffic signals, and high mast light towers. The inspectors perform thorough inspections, produce detailed findings reports, update structure inventory details, make repair recommendations, and produce Feasible Action Review Committee (FARC) agendas for FDOT District Five.
08/23-Ongoing	Florida Turnpike North: Bridge, Sign, LNQC, and HMLT Inspections (Routine & Underwater) Mr. Gehry is a team leader for eO's sub-consultant role on this project, which includes both routine and underwater inspections throughout the Florida Turnpike's North Corridor (Turnpike Mainline, Beachline Expressway, Southern Connector Extension, Veterans Expressway, Suncoast Parkway, Polk Parkway, Western Beltway and the I-4 Connector). This contract consists of multiple structure types, including bridges, signs, LNQCs, HMLT as well as several confined space inspections. Our team is responsible for performing thorough inspections, producing detailed findings reports, updating structure inventory details, making repair recommendations, and producing Feasible Action Review Committee (FARC) agendas for the Turnpike.

Firm employed by: Engineering Operations, LLC	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time years of experience specified in the applicable MPR(s).]
08/20-Ongoing	Louisiana Department of Transportation: Statewide Underwater Bridge Inspections Mr. Gehry is an inspector and dive supervisor for eO's sub-consultant role on this project, which includes underwater inspections throughout the state. The eO team works directly with the prime consultant to perform detailed underwater inspections, hydrographic surveys, and acoustic imaging. Both commercial SCUBA and surface supplied air diving methods are utilized to perform the inspections, and our teams work seamlessly together, both in the field and in the office, to produce inspection findings reports that are based on the LADOTD and FHWA guidelines. The eO team was also heavily involved in the rewriting of the LADOTD State Bridge Inspection Manual.
03/25-Ongoing	Central Florida Expressway Authority (CFX): Systemwide Overhead Sign and Traffic Signal Mast Arms Inspections Mr. Gehry served as a team leader on this Overhead Signs and TSMA Inspections contract for the Central Florida Expressway Authority (CFX). He preplanned and coordinated with the prime consultant to facilitate a smooth process for the initial inspections that eO performed in November of 2024. He played an integral role during the input and review process to ensure thorough and detailed documentation of findings for the client. He ensured prompt delivery of punch list submittals within 72hrs of the inspections and report submittals within 30 days of inspection to allow the prime consultant to review the reports prior to the 45-day CFX submittal period. Prior to the initial inspection he has been involved in reviews and inputs.
07/19-Ongoing	Florida Department of Transportation: District Five – Traffic Signal Mast Arm Inspections Mr. Gehry is a team leader for eO's sub-consultant role on this project, which includes the inspection and reporting of approximately 1,590 traffic signal mast arm structures throughout the district. This project is a five-year inspection contract with District Five. The scope of work includes the inspection and reporting of approximately 1,590 TSMA structures throughout the district. SPRAT rope access climbing techniques and bucket trucks are regularly utilized to access hard-to-reach areas of TSMA's being inspected. We utilize a Dakota DFX- 7 Ultrasonic Flaw Detector to check for fractures in the anchor bolts and to determine anchor bolt lengths. We also use Cygnus Ultrasonic Thickness Gauges to determine steel thicknesses and section remaining at corrosion prone areas. Additionally, our team utilizes magnetic-particle, dye-penetrant, borescope, and hammer sounding, as needed.
01/21-Ongoing	Florida Department of Transportation: District Four – Overhead Sign Inspections Mr. Gehry is a team leader for eO's sub-consultant role on this project, which includes the inspection and reporting of approximately 400 Overhead signs throughout the district. The scope includes routine, interim, and initial inspections for signs and HMLPs on a biennial inspection schedule. While performing inspections, every visible surface of all members is inspected, and our team removes debris as necessary to complete thorough inspections. Non-destructive testing techniques such as dye penetrant, magnetic particle, and ultrasonic testing are utilized.

Firm employed by: Engineering Operations, LLC

Connor Kenney, CBI | Team Leader

Years of relevant experience with this employer

5

Years of relevant experience with other employer(s)

8

Degree(s) / Years / Specialization

n/a

Year registered

n/a

Active registration number / state / expiration date

n/a

Discipline

n/a

Contract role(s) / brief description of responsibilities:

Mr. Kenney will serve as a team leader overseeing sign truss inspections. He will ensure excellence in field inspection operations and play a vital role in reviewing report quality.

He fulfills MPR #4.



Experience dates
(mm/yy-mm/yy)

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

04/20-Ongoing

Louisiana Department of Transportation: Statewide Inventory and Inspection of Sign Trusses | Mr. Kenney is an inspector for eO's second consecutive sub-consultant role on this project, which includes inspections of over 1,500 (routine and interim) overhead sign truss inspections throughout the state. The eO team works directly with the prime consultant and as an independent team to perform detailed structural inspections, anchor bolt testing, and emergency response efforts throughout the state. The inspected sign trusses are welded structures constructed from aluminum or steel, with each weld of the trusses checked closely for cracking and special attention paid to fatigue prone areas. Both bucket truck operations and climbing methods are utilized to perform the inspections, creating a limited need for traffic control efforts. Our teams work seamlessly together, both in the field and in the office, to produce inspection findings reports that are based on the LADOTD and FHWA guidelines.

02/22-Ongoing

Central Florida's I-4 Ultimate Project | Mr. Kenney is a team leader for eO's role as a prime inspection consultant to perform routine, NSTM, and underwater inspections throughout the 21-mile stretch of Central Florida's most vital transportation artery. The team is responsible for the structural inspection of every structure within the corridor, which includes complex and routine bridges, overhead signs, traffic signals, and high mast light towers. The inspectors perform thorough inspections, produce detailed findings reports, update structure inventory details, make repair recommendations, and produce Feasible Action Review Committee (FARC) agendas for FDOT District Five.

08/23-Ongoing

Florida Turnpike North: Bridge, Sign, LNQC, and HMLT Inspections (Routine & Underwater) | Mr. Kenney is a team leader and inspector for eOs' sub consultant role on this project, which includes both routine and underwater inspections through the Florida Turnpike's North Corridor (Turnpike Mainline, Beachline Expressway, Southern Connector Extension, Veterans Expressway, Suncoast Parkway, Polk Parkway, Western Beltway, and the I-4 Connector). Many structure types are included in this contract, including bridges, signs, LNQCs, HMLT, and several confined space inspections. Our team is responsible for performing thorough inspections, producing detailed findings reports, updating structure inventory details, making repair recommendations, and producing Feasible Action Review Committee (FARC) agendas for the Turnpike.

07/19-Ongoing

Florida Department of Transportation: District Five – Traffic Signal Mast Arm Inspections | Mr. Kenney is a team leader for eO's sub-consultant role on this project, which includes the inspection and reporting of approximately 1,590 traffic signal mast arm structures throughout the district. This project is a five-year inspection contract with District Five. The scope of work includes the inspection and reporting of approximately 1,590 TSMA structures throughout the district. SPRAT rope access climbing techniques and bucket trucks are regularly utilized to access hard-to-reach areas of TSMA's being inspected. We utilize a Dakota DFX- 7 Ultrasonic Flaw Detector to check for fractures in the anchor bolts and to determine anchor bolt lengths. We also use Cygnus Ultrasonic Thickness Gauges to determine steel thicknesses and section remaining at corrosion prone areas. Additionally, our team utilizes magnetic-particle, dye-penetrant, borescope, and hammer sounding, as needed.

Firm employed by: Engineering Operations, LLC	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time years of experience specified in the applicable MPR(s).]
01/20-Ongoing	Florida Department of Transportation: District Four – Overhead Sign Inspections Mr. Kenney is a team leader for eO's sub-consultant role on this project, which includes the inspection and reporting of approximately 400 Overhead signs throughout the district. The scope includes routine, interim, and initial inspections for signs and HMLPs on a biennial inspection schedule. While performing inspections, every visible surface of all members is inspected, and our team removes debris as necessary to complete thorough inspections. Non-destructive testing techniques such as dye penetrant, magnetic particle, and ultrasonic testing are utilized.
08/20-Ongoing	Louisiana Department of Transportation: Statewide Underwater Bridge Inspections Mr. Kenney is a team leader and ADCI commercial diver for eOs' subconsultant role on this project, which includes underwater inspections throughout the state. The eO team works directly with the prime consultant to perform detailed underwater inspections, hydrographic surveys, and acoustic imaging. Both commercial SCUBA and surface-supplied air diving methods are utilized to perform the inspections, and our teams work seamlessly together, both in the field and in the office, to produce inspection findings reports that are based on the LADOTD and FHWA guidelines.
07/21-01/24	Arkansas Department of Transportation: Statewide Underwater Bridge Inspections Mr. Kenney is an ADCI commercial diver and report technician on this project. eO is the sole prime consultant; the project includes underwater inspections, sonar imaging, and swift water diving. Also included is the inspection of State Road 12, requiring diving over 120-ft. Inspections on this project require the use of commercial surface-supplied air and SCUBA diving.
01/19-Ongoing	Florida Department of Transportation: District Five - Statewide Bridge Routine and Underwater Inspections Mr. Kenney is a team leader and diver on this project and oversees the inspections of structures district-wide for FDOT District Five, which include both routine and underwater inspections. These inspections include routine, topside, culverts, substructures, fender systems, embankment bulkhead/retaining walls, and channel bottoms. This contract requires the preparation of detailed engineering reports with drawings and underwater photographs documenting existing conditions at each bridge. These inspections are based on the NBIS requirements and are documented in accordance with FDOT and FHWA guidelines. Both commercial SCUBA diving and surface-supplied air diving methods are used on this project.
08/22-08/24	THEA Bridge Inspections Mr. Kenney was a team leader for eO's sub-consultant role for the Tampa Hillsborough Expressway Authority (THEA). The team conducted underwater bridge inspections across its four facilities in Hillsborough County: the Selmon Expressway, the Brandon Parkway, Meridian Avenue, and the Selmon Greenway. Mr. Kenney and his team have performed 8 underwater inspections, including emergency response inspections for two structures and their scour following Hurricane Helene in 2024 for which our team compared pre- and post-storm channel data to ensure that the structures had not been compromised by changes in the riverbed. Inspections on this contract required the use of advanced commercial dive techniques. This project was essential for ensuring the safety and structural integrity of bridges on these vital roadways.

Firm employed by: Engineering Operations, LLC

Karl Davis | Inspector | SPRAT Rope Access

Years of relevant experience with this employer 3

Years of relevant experience with other employer[s] 0

Degree[s] / Years / Specialization n/a

Year registered n/a

Active registration number / state / expiration date SPRAT Level I - #2301112 - Exp. 5/5/2026

Discipline n/a

Contract role(s) / brief description of responsibilities:

Mr. Davis will conduct comprehensive sign truss inspections to pinpoint structural weaknesses, and conditions potentially impacting the structure. He fulfills MPR #5.



Experience dates
(mm/yy-mm/yy)

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

04/21-Ongoing

Louisiana Department of Transportation: Statewide Inventory and Inspection of Sign Trusses | Mr. Davis is an assistant inspector and report technician on eO's heavily involved sub-consultant role on the Statewide Louisiana (LADOTD) Sign Inspection Contract. Most of these structures are four-chord cantilever and overhead sign support structures, which eO inspects utilizing both bucket trucks and SPRAT rope access climbing techniques. Inspections also include steel and aluminum welds, high-stress moment connections, and NSTM elements in accordance with FHWA guidelines. Almost all signs in this region were found to have several cracked and/or fractured chord members, anchor bolts, and/or loose moment connections, which often required eO's team leaders to assess structural stability on-site. In the field, Mr. Davis assisted our team leaders and inspected sign trusses for new deficiencies, with special attention paid to fatigue prone areas. He also marked and photographed previously noted defects.

08/21-Ongoing

Louisiana Department of Transportation: Statewide Underwater Bridge Inspections | Mr. Davis is an inspector and report technician on this project. As part of a five-year retainer contract, eO is a sub-consultant and performs underwater bridge inspections over large waterways and smaller bayous throughout the state of Louisiana. He has assisted in underwater inspections for a wide variety of substructure units of bridges and culverts, including concrete, timber, and steel. Mr. Davis and the eO team has safely performed Level I, II, and III underwater dive inspections while augmenting SONAR technology. On this project, Mr. Davis has utilized every type of diving, including wading, SCUBA, and surface-supplied air techniques. He also played a large role with notes in the field, report creation, as well as report reviews.

8/23-Ongoing

Florida Turnpike North: Bridge, Sign, LNQC, and HMLT Inspections (Routine & Underwater) | Mr. Davis is an inspector for eOs' sub consultant role on this project, which includes both routine and underwater inspections through the Florida Turnpike's North Corridor (Turnpike Mainline, Beachline Expressway, Southern Connector Extension, Veterans Expressway, Suncoast Parkway, Polk Parkway, Western Beltway, and the I-4 Connector). Many structure types are included in this contract, including bridges, signs, LNQCs, HMLT, and several confined space inspections. Throughout the contract, our team is responsible for performing thorough inspections, producing detailed findings reports, updating structure inventory details, making repair recommendations, and producing Feasible Action Review Committee (FARC) agendas for the Turnpike.

Firm employed by: Engineering Operations, LLC

Caden D'Aoust | Inspector | SPRAT Rope Access

Years of relevant experience with this employer 3

Years of relevant experience with other employer[s] 0

Degree(s) / Years / Specialization n/a

Year registered n/a

Active registration number / state / expiration date SPRAT Level I - #2301113 - Exp. 5/5/2026

Discipline n/a

Contract role(s) / brief description of responsibilities:

Mr. D'Aoust will conduct comprehensive sign truss inspections to pinpoint structural weaknesses, and conditions potentially impacting the structure. He fulfills MPR #6.



Experience dates
(mm/yy-mm/yy)

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

04/21-Ongoing

Louisiana Department of Transportation: Statewide Inventory and Inspection of Sign Trusses | Mr. D'Aoust is an assistant inspector and report technician on eO's heavily involved sub-consultant role on the Statewide Louisiana (LADOTD) Sign Inspection Contract. Most of these structures are four-chord cantilever and overhead sign support structures, which eO inspects utilizing both bucket trucks and SPRAT rope access climbing techniques. Inspections also include steel and aluminum welds, high-stress moment connections, and NSTM elements in accordance with FHWA guidelines. Almost all signs in this region were found to have several cracked and/or fractured chord members, anchor bolts, and/or loose moment connections, which often required eO's team leaders to assess structural stability on-site. In the field, Mr. D'Aoust assisted our team leaders and inspected sign trusses for new deficiencies, with special attention paid to fatigue prone areas. He also marked and photographed previously noted defects.

08/21-Ongoing

Louisiana Department of Transportation: Statewide Underwater Bridge Inspections | Mr. D'Aoust is an assistant bridge inspector, report technician, and ADCI commercial diver for eO's sub-consultant role on this project, which includes underwater inspections throughout the state. The eO team works directly with the prime consultant to perform detailed underwater inspections, hydrographic surveys, and acoustic imaging. Mr. D'Aoust utilizes commercial SCUBA and surface-supplied air diving methods are utilized to perform the inspections, and our teams work seamlessly together, both in the field and in the office, to produce inspection findings reports that are based on the LADOTD and FHWA guidelines. During field trips, Mr. D'Aoust photographed inventory and recorded soundings that would be used in the reports. He also has experience with reports on this project as well as MicroStation drawings.

02/22-Ongoing

Central Florida's I-4 Ultimate Project | Mr. D'Aoust is an assistant bridge inspector and report technician for eO's sub-consultant role on this project, which includes both routine and underwater inspections throughout the Florida Turnpike's North Corridor (Turnpike Mainline, Beachline Expressway, Southern Connector Extension, Veterans Expressway, Suncoast Parkway, Polk Parkway, Western Beltway, and the I-4 Connector). This contract consists of multiple structure types, including bridges, signs, LNQC's, and HMLT, as well as several confined space inspections. Our team is responsible for performing thorough inspections, producing detailed findings reports, updating structure inventory details, making repair recommendations, and producing FARC (Feasible Action Review Committee) agendas for the Turnpike.

Firm employed by: Engineering Operations, LLC

Jonathan Ivey, CBI | Inspector | SPRAT Rope Access

Years of relevant experience with this employer

3

Years of relevant experience with other employer[s]

12

Degree[s] / Years / Specialization

n/a

Year registered

n/a

Active registration number / state / expiration date

SPRAT Level II - #181290 - Exp. 06/23/27

Discipline

n/a

Contract role(s) / brief description of responsibilities:

Mr. Ivey will serve as a team leader overseeing and conducting sign truss inspections. He will ensure excellence in field inspection operations and play a vital role in reviewing report quality. He fulfills MPR #7.



Experience dates
(mm/yy-mm/yy)

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

04/20-Ongoing

Louisiana Department of Transportation: IDIQ Contract for Sign Inspection | Mr. Ivey is an inspector for eO's second consecutive sub-consultant role on this project, which includes inspections of over 1,700 (routine and interim) overhead sign truss inspections throughout the state. The eO team works directly with the prime consultant and as an independent team to perform detailed structural inspections, anchor bolt testing, and emergency response efforts throughout the state. The inspected sign trusses are welded structures constructed from aluminum or steel, with each weld of the trusses checked closely for cracking and special attention paid to fatigue prone areas. Both bucket truck operations and climbing methods are utilized to perform the inspections, creating a limited need for traffic control efforts. Our teams work seamlessly together, both in the field and in the office, to produce inspection findings reports that are based on the LADOTD and FHWA guidelines. The eO team is also heavily involved in the rewriting of the LADOTD State Inspection Manual as part of a different task order.

02/22-Ongoing

Central Florida's I-4 Ultimate Project | Mr. Ivey is a team leader for eO's role as a prime inspection consultant to perform routine, NSTM, and underwater structural inspections throughout the 21-mile stretch of Central Florida's most vital transportation artery. The team is responsible for the structural inspection of every structure within the corridor, which includes complex and routine bridges, overhead signs, traffic signals, and high mast light towers. The inspectors perform thorough inspections, produce detailed findings reports, update structure inventory details, make repair recommendations, and produce Feasible Action Review Committee (FARC) agendas for FDOT District Five.

08/23-Ongoing

Florida Turnpike North: Bridge, Sign, LNQC, and HMLT Inspections (Routine & Underwater) | Mr. Ivey is a team leader and inspector for eO's sub consultant role on this project, which includes both routine and underwater inspections through the Florida Turnpike's North Corridor (Turnpike Mainline, Beachline Expressway, Southern Connector Extension, Veterans Expressway, Suncoast Parkway, Polk Parkway, Western Beltway, and the I-4 Connector). Many structure types are included in this contract, including bridges, signs, LNQCs, HMLT, and several confined space inspections. Our team is responsible for performing thorough inspections, producing detailed findings reports, updating structure inventory details, making repair recommendations, and producing Feasible Action Review Committee (FARC) agendas for the Turnpike.

03/15-Ongoing

Florida Department of Transportation: District Five - Traffic Signal Mast Arm Inspections | Mr. Ivey is a team leader for eO's sub-consultant role on this project, which includes the inspection and reporting of approximately 1,590 traffic signal mast arm structures throughout the district. This project is a five-year inspection contract with District Five. The scope of work includes the inspection and reporting of approximately 1,590 TSMA structures throughout the district. SPRAT rope access climbing techniques and bucket trucks are regularly utilized to access hard-to-reach areas of TSMA's being inspected. We utilize a Dakota DFX- 7 Ultrasonic Flaw Detector to check for fractures in the anchor bolts and to determine anchor bolt lengths. We also use Ultrasonic Thickness Gauges to determine steel thicknesses and section remaining at corrosion prone areas. Additionally, our team utilizes magnetic-particle, dye-penetrant, borescope, and hammer sounding, as needed.

Firm employed by: Engineering Operations, LLC

Mike O'Hara, EI | Inspector | SPRAT Rope Access

Years of relevant experience with this employer 1

Years of relevant experience with other employer[s] 7

Degree(s) / Years / Specialization BS / 2017 / Civil Engineering

Year registered 2024

Active registration number / state / expiration date 16032 / Montana
SPRAT Level III - #190932 - Exp. 03/12/27

Discipline Civil



Contract role(s) / brief description of responsibilities:

Mr. O'Hara will serve as a team leader overseeing and conducting sign truss inspections. He will ensure excellence in field inspection operations and play a vital role in reviewing report quality. He fulfills MPR #8.

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].

02/23-04/25 **Texas Department of Transportation: Statewide Routine, Fracture Critical, Ancillary, & Underwater Bridge Inspections** | Mr. O'Hara served as an inspector and SPRAT rope access technician for this contract. He inspected various structures including confined space, NSTM box girders and NSTM trusses. Many of his inspections utilized rope access techniques to fulfill the requirements of hands-on access of the NSTM members in order for him to document growth in steel crack sizes.

06/19-04/24 **Florida Department of Transportation: Local Government Bridge Inspection Services** | Mr. O'Hara served as an inspector and SPRAT rope access technician to perform two cycles of NBIS bridge inspections for five bridges in the Jacksonville, Florida area. These structures required under bridge vehicles and/or ropes access inspections. Mr. O'Hara prepared field books for inspections and performed field inspections using rope access techniques. He also utilized MicroStation to develop drawings of gusset plates that show detailed section loss. This contract involved noteworthy bridges including: Isaiah David Hart Bridge, 3,844-ft. Steel Cantilever Truss, Dames Point Bridge, 10,646-ft. Cable Stayed, Mathews Bridge, 7,376-ft., Steel Cantilever Truss, Main Street Bridge, 1,680-ft., Through Truss Lift Bridge, and Myrtle Bridge, Tied Arch.

12/24-Ongoing **Wyoming Department of Transportation: Statewide On- & Off-System Bridge Inspections** | Mr. O'Hara serves as a team leader to perform NBIS bridge inspections throughout the state of Wyoming. Both on and off-system structures are included in this contract which provides for a large variety in structure type, structure size, types of deficiencies, traffic volumes, and access requirements. His team was tasked with safely and effectively performing inspections on busy interstates through Wyoming's cities as well as low traffic county roads with more antiquated structures. He inspected multiple NSTM structures using rope access methods throughout the state. Due to Wyoming's steel-heavy inventory, Mr. O'Hara and his team have honed in on steel girder inspection methods and common deficiencies found in steel superstructures.

10/21-Ongoing **Montana Department of Transportation - Routine & Timber Inspections** | Mr. O'Hara served as an inspector and report technician for this contract. With his team, he performed timber bridge inspections throughout the state of Montana utilizing resistographs to ensure structural integrity. He created draft reports for the field inspections and developed drawings using MicroStation to illustrate findings of decay within the timber bridge members.

Firm employed by: Engineering Operations, LLC

Taylor White, PE | Team Leader

Years of relevant experience with this employer

6

Years of relevant experience with other employer(s)

9

Degree(s) / Years / Specialization

BS / 2010 / Civil Engineering

Year registered

2016

Active registration number / state / expiration date

0045154 / Louisiana / 3/31/2027

Discipline

Civil



Contract role(s) / brief description of responsibilities:

Mr. White will serve as a team leader overseeing sign truss inspections. He will ensure excellence in field inspection operations and play a vital role in reviewing report quality.

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).

10/20-Ongoing

Louisiana Department of Transportation: Statewide Inventory and Inspection of Sign Trusses | Mr. White is a team leader for eO's second consecutive sub-consultant role on this project, which includes inspections of over 1,500 (routine and interim) overhead sign truss inspections throughout the state. The eO team works directly with the prime consultant and as an independent team to perform detailed structural inspections, anchor bolt testing, and emergency response efforts throughout the state. The inspected sign trusses are welded structures constructed from aluminum or steel, with each weld of the trusses checked closely for cracking and special attention paid to fatigue prone areas. Both bucket truck operations and SPRAT climbing methods are utilized to perform the inspections, creating a limited need for traffic control efforts. Our teams work seamlessly together, both in the field and in the office, to produce inspection findings reports that are based on the LADOTD and FHWA guidelines.

08/23-Ongoing

Florida Turnpike North: Bridge, Sign, LNQC, and HMLT Inspections (Routine & Underwater) | Mr. White is the Engineer-of-Record and a team leader for eO's sub-consultant role on this project, which includes both routine and underwater inspections throughout the Florida Turnpike's North Corridor (Turnpike Mainline, Beachline Expressway, Southern Connector Extension, Veterans Expressway, Suncoast Parkway, Polk Parkway, Western Beltway, and the I-4 Connector). Many structure types are included in this contract, including bridges, signs, LNQCs, HMLT, and several confined space inspections. Our team is responsible for performing thorough inspections, producing detailed findings reports, updating structure inventory details, making repair recommendations, and producing Feasible Action Review Committee (FARC) agendas for the Turnpike Enterprise. Mr. White was also a team leader on this contract for several cycles prior to joining eO.

08/20-Ongoing

Louisiana Department of Transportation: Statewide Underwater Bridge Inspections | Mr. White is a team leader on eO's sub-consultant role for this recurring contract. eO personnel perform as both dive supervisors and dive inspectors, providing the experience required to perform successful dive operations in the Mississippi River and ensure the safety of the inspection team. High flow and limited visibility conditions are routinely encountered as the team safely performs Level I, II, and III underwater dive inspections. Inspections are augmented with sonar technology in accordance with the National Bridge Inspection Standards (NBIS). As a team leader, Mr. White is responsible for ensuring the safety of divers while performing NBIS inspections that include tidal and riverine conditions with varying levels of current, minimal visibility, and significant debris buildup.

02/22-Ongoing

Florida's I-4 Ultimate Improvement Project | Mr. White is the Project Principal for this contract. eO was selected as the primary inspection consultant to perform routine, NSTM, and underwater inspections throughout the 21-mile stretch of Central Florida's most vital transportation artery. The team is responsible for the structural inspection of every structure within the corridor, which includes complex and routine bridges, overhead signs, traffic signals, and high mast light towers. eO inspectors perform thorough inspections, produce detailed findings reports, update structure inventory details, make repair recommendations, and produce Feasible Action Review Committee (FARC) agendas for FDOT District Five.

Firm employed by: Engineering Operations, LLC

Kyle Rankin, CBI | Team Leader

Years of relevant experience with this employer 5

Years of relevant experience with other employer[s] 10

Degree[s] / Years / Specialization n/a

Year registered n/a

Active registration number / state / expiration date n/a

Discipline n/a



Contract role(s) / brief description of responsibilities:

Mr. Rankin will serve as a team leader overseeing sign truss inspections. He will ensure excellence in field inspection operations and play a vital role in reviewing report quality.

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].
10/20-Ongoing	Louisiana Department of Transportation: Statewide Inventory and Inspection of Sign Trusses Mr. Rankin is a team leader for eO's second consecutive sub-consultant role on this project, which includes inspections of over 1,500 (routine and interim) overhead sign truss inspections throughout the state. The eO team works directly with the prime consultant and as an independent team to perform detailed structural inspections, anchor bolt testing, and emergency response efforts throughout the state. Both bucket truck operations and SPRAT climbing methods are utilized to perform the inspections, creating a limited need for traffic control efforts. Our teams work seamlessly together, both in the field and in the office, to produce inspection findings reports that are based on the LADOTD and FHWA guidelines.
02/22-Ongoing	Florida's I-4 Ultimate Improvement Project Mr. Rankin was a team leader for eO's prime inspection consultant to perform routine, NSTM, and underwater inspections throughout the 21-mile stretch of Central Florida's most vital transportation artery. The team is responsible for the structural inspection of every structure within the corridor, which includes complex and routine bridges, overhead signs, traffic signals, and high mast light towers. The inspectors performed thorough inspections, produced detailed findings reports, updated structure inventory details, made repair recommendations, and produced Feasible Action Review Committee (FARC) agendas for FDOT District Five.
08/23-Ongoing	Florida Turnpike North: Bridge, Sign, LNQC, and HMLT Inspections (Routine and Underwater) Mr. Rankin was a team leader for eO's sub-consultant role on this project, which included both routine and underwater inspections throughout the Florida Turnpike's North Corridor (Turnpike Mainline, Beachline Expressway, Southern Connector Extension, Veterans Expressway, Suncoast Parkway, Polk Parkway, Western Beltway, and the I-4 Connector). Many structure types are included in this contract, including bridges, signs, LNQCs, and HMLT, as well as several confined space inspections. Our team is responsible for performing thorough inspections, producing detailed findings reports, updating structure inventory details, making repair recommendations, and producing Feasible Action Review Committee (FARC) agendas for the Turnpike.
03/25-Ongoing	Central Florida Expressway Authority (CFX): Systemwide Overhead Sign & Traffic Signal Mast Arms Inspections Mr. Rankin served as a team leader on this Overhead Signs and TSMA Inspection contract for the Central Florida Expressway Authority (CFX). He conducted thorough initial inspections of structural foundations, ensuring compliance with structural standards. Mr. Rankin also led the evaluations of base plates and connections to identify potential issues and verify proper installation. Him and his team inspected moment connection plates and splice plates for structural integrity and alignment. Mr. Rankin provided assessments of vertical columns and horizontal members and produced thorough documentation of findings through detailed reports to support safety and maintenance recommendations submitted to the client.

Firm employed by: Engineering Operations, LLC

Grace Mauberret, PE | Inspector | SPRAT Rope Access

Years of relevant experience with this employer 1

Years of relevant experience with other employer(s) 4

Degree(s) / Years / Specialization n/a

Year registered n/a

Active registration number / state / expiration date n/a

Discipline n/a

Contract role(s) / brief description of responsibilities:

Mr. Rankin will serve as a team leader overseeing sign truss inspections. He will ensure excellence in field inspection operations and play a vital role in reviewing report quality.



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).

08/24-Ongoing **Florida Turnpike North: Bridge, Sign, LNQC, and HMLT Inspections (Routine & Underwater)** | Ms. Mauberret is a team leader for eOs' sub-consultant role on this project, which includes both routine and underwater inspections throughout the Florida Turnpike's North Corridor (Turnpike Mainline, Beachline Expressway, Southern Connector Extension, Veterans Expressway, Suncoast Parkway, Polk Parkway, Western Beltway, and the I-4 Connector). This contract consists of multiple structure types, including bridges, signs, LNQCs, HMLT as well as several confined space inspections. Our team is responsible for performing thorough inspections, producing detailed findings reports, updating structure inventory details, making repair recommendations, and producing Feasible Action Review Committee (FARC) agendas for the Turnpike.

08/24-Ongoing **South Carolina Department of Transportation: Underwater Bridge Inspections** | Ms. Mauberret performed as a report technician, supporting our inspection team by assisting with the documentation and data entry of underwater and in-depth timber bridge inspections into the AASHTOWare Bridge Management (BrM) system. She played a key role in reviewing inspection findings, contributing to both team and supervisor reviews to ensure accuracy and completeness of reports. Her responsibilities also included implementing corrections and updates based on feedback, helping to maintain the quality and consistency of deliverables. Through this project, she gained valuable experience with BrM software, timber structure assessments, and the reporting standards required by SCDOT for underwater inspections.

08/24-Ongoing **Florida Department of Transportation: District Three – Local Government Bridge Inspections** | Ms. Mauberret is an assistant inspector for eO's sub-consultant role on this project, which consists of district-wide structure inspections for FDOT District Three (both routine and underwater). She also contributed to efforts for report creation and drawings. These inspections include routine topside, culverts, substructures, fender systems, embankment bulkhead/retaining walls, and channel bottoms. Preparation of detailed engineering reports with drawings and underwater photographs documenting existing conditions at each bridge is required on this contract. Each inspection performed is based on the NBIS requirements and documented in accordance with FDOT and FHWA guidelines.

06/20-07/24 **Mississippi Water System & Sanitary Sewer Design and Management** | Ms. Mauberret was actively involved in the planning, design, and construction management of municipal water and sanitary sewer infrastructure projects across several jurisdictions, including the City of Hattiesburg, City of Petal, and the Rawls Springs Utility District. Her responsibilities included designing sanitary sewer systems and performing hydraulic modeling and analysis of water distribution networks to ensure efficiency, compliance, and capacity for future development. She contributed to the preparation of construction documents, coordinated with local agencies and utility providers, and monitored project execution to maintain schedule and budget goals.

Firm employed by: Engineering Operations, LLC

Lucas Waldron | Inspector | SPRAT Rope Access

Years of relevant experience with this employer 2

Years of relevant experience with other employer[s] 0

Degree[s] / Years / Specialization BS / 2023 / Mechanical Engineering

Year registered n/a

Active registration number / state / expiration date n/a

Discipline n/a

Contract role(s) / brief description of responsibilities:

Mr. Waldron will conduct comprehensive sign truss inspections to pinpoint structural weaknesses, and conditions potentially impacting the structure.



Experience dates
(mm/yy-mm/yy)

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

04/23-Ongoing

Louisiana Department of Transportation: Statewide Inventory and Inspection of Sign Trusses | Mr. Waldron is an assistant inspector and report technician on eO's heavily involved sub-consultant role on the Statewide Louisiana (LADOTD) Sign Inspection Contract. Most of these structures are four-chord cantilever and overhead sign support structures, which eO inspects utilizing both bucket trucks and SPRAT rope access climbing techniques. Inspections also include steel and aluminum welds, high-stress moment connections, and NSTM elements in accordance with FHWA guidelines. Almost all signs in this region were found to have several cracked and/or fractured chord members, anchor bolts, and/or loose moment connections, which often required eO's team leaders to assess structural stability on-site. In the field, Mr. Waldron assisted our team leaders and inspected sign trusses for new deficiencies, with special attention paid to fatigue prone areas. He also marked and photographed previously noted defects.

08/23-Ongoing

Florida Turnpike North: Bridge, Sign, LNQC, and HMLT Inspections (Routine & Underwater) | Mr. Waldron is an inspector for eO's sub consultant role on this project, which includes both routine and underwater inspections through the Florida Turnpike's North Corridor (Turnpike Mainline, Beachline Expressway, Southern Connector Extension, Veterans Expressway, Suncoast Parkway, Polk Parkway, Western Beltway, and the I-4 Connector). Many structure types are included in this contract, including bridges, signs, LNQCs, HMLT, and several confined space inspections. Mr. Waldron assisted in the inspection process for the routine inspections on several Turnpike structures. He photographed inventory and defects whenever possible. Lastly, He maneuvered the bucket truck so that the team leader could access difficult-to-reach positions. Throughout the contract, our team is responsible for performing thorough inspections, producing detailed findings reports, updating structure inventory details, making repair recommendations, and producing Feasible Action Review Committee (FARC) agendas for the Turnpike.

08/23-Ongoing

Louisiana Department of Transportation: Statewide Underwater Bridge Inspections | Mr. Waldron is an inspector for eO's sub-consultant role on this project. As part of a five-year retainer contract, eO performs underwater bridge inspections over large waterways and smaller bayous throughout the state of Louisiana. The team has safely performed Level I, II, and III underwater dive inspections while augmenting SONAR technology. Our team works directly with the prime consultant to perform detailed underwater inspections, hydrographic surveys, and acoustic imaging. During field trips, Mr. Waldron photographed inventory photos and recorded soundings that would be used in the reports. He modeled a large percentage of drawings for the reports, this includes the initial and final drawings. Lastly, he created the initial report, did the corrections, and input them into InspectX.

Firm employed by: Engineering Operations, LLC			
Jacob Snipes, EI Inspector		Years of relevant experience with this employer	1
		Years of relevant experience with other employer[s]	3
Degree(s) / Years / Specialization	BS / 2021 / Mechanical Engineering	Year registered	2022
Active registration number / state / expiration date	NCEE S ID: 22-282-72 / North Carolina EI	Discipline	Civil
Contract role(s) / brief description of responsibilities: Mr. Snipes will conduct comprehensive sign truss inspections to pinpoint structural weaknesses, and conditions potentially impacting the structure.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the time years of experience specified in the applicable MPR[s].		
04/24-Ongoing	Louisiana Department of Transportation: Statewide Inventory and Inspection of Sign Trusses Mr. Snipes is an assistant inspector and report technician on eO's heavily involved sub-consultant role on the Statewide Louisiana (LADOTD) Sign Inspection Contract. Most of these structures are four-chord cantilever and overhead sign support structures, which eO inspects utilizing both bucket trucks and SPRAT rope access climbing techniques. Inspections also include steel and aluminum welds, high-stress moment connections, and NSTM elements in accordance with FHWA guidelines. Almost all signs in this region were found to have several cracked and/or fractured chord members, anchor bolts, and/or loose moment connections, which often required eO's team leaders to assess structural stability on-site. In the field, Mr. Snipes assisted our team leaders and inspected sign trusses for new deficiencies. He also marked and photographed previously noted defects.		
08/24-Ongoing	Louisiana Department of Transportation and Development: Statewide Underwater Bridge Inspections Mr. Snipes is an assistant bridge inspector, ADCI diver and report technician for eO's sub-consultant role on this project, which includes underwater inspections throughout the state. The eO team works directly with the prime consultant to perform detailed underwater inspections, hydrographic surveys, and acoustic imaging. Our team utilizes commercial SCUBA and surface-supplied air diving methods are utilized to perform the inspections, and our teams work seamlessly together, both in the field and in the office, to produce inspection findings reports that are based on the LADOTD and FHWA guidelines. During field trips, Mr. Snipes photographed inventory and recorded soundings that would be used in the reports. He worked closely alongside eO's Southeast director and the Project Manager, Samuel Williams, PE, in addition to key inspectors, Caden D'Aoust and Karl Davis. In the office, he has experience with reports on this project as well as MicroStation drawings.		
02/24-12/24	Mississippi Department of Transportation and Development: IDIQ Statewide Underwater Bridge Inspections Mr. Snipes performs as a report technician on this contract for the Mississippi Department of Transportation. He played a large role in report creation and defect sketch drawings, as well as report and drawing reviews, utilizing both Open Roads and MicroStation. He helped package the drawings with fielding photos and fielding information to generate official bridge inspection reports. After the reports were created, Mr. Snipes contributed to our internal QA/QC process, which entailed checking and correcting the reports before they were officially submitted.		

SECTION 16

STAFF EXPERIENCE

Wireproof Communications, LLC

Dalton Langley | MPR #4, 5

Nathan Smith | MPR #4, 5

Thomas Ribando | MPR #4, 5

Steven Fleming | MPR #4, 5

VOLKERT



Firm employed by: Wireproof Communications, LLC			
Dalton Langley Tower & Microwave Technician		Years of relevant experience with this employer	4
		Years of relevant experience with other employer(s)	2
Degree(s) / Years / Specialization	n/a	Year registered	n/a
Active registration number / state / expiration date	Fall Protection – Competent Climber – Vertical Rescue / 4 Years	Discipline	n/a
Contract role(s) / brief description of responsibilities: Tower/Microwave/Fiber Optic/Networking Technician & Drone Operator Assistant. He fulfills MPR #4 & 5.			
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time years of experience specified in the applicable MPR(s).		
02/21-Present	Mississippi Department of Transportation: Communications Tower Technician. Mr. Langley has years of experience with MDOT's tower communication system through Wireproof Communications. He has participated heavily in the installation, inspection, and maintenance of the state's communications infrastructure. He has also assisted in the design and implementation of large scale regional licensed microwave backhaul infrastructure for MDOT that is very similar to kind that LADOTD has in place. Dalton has performed inspections on almost all types of towers that exist. His efforts range in experience on water tank balconies and corrals to traditional self-supporters, guyed towers and monopoles. Over years of MDOT projects he often used drones for inspections and mapping as well as for inventory, verification, and safety purposes. Lastly, Dalton has also worked closely with MDOT on several unique yet somewhat similar projects that involved bucket trucks, traffic signal communications, sign trusses, solar repeaters and fiber optic tower infrastructure projects.		
02/21-Present	Dixie Electric Membership Corporation: Communications Tower Technician. Comprehensively Mr. Langley has played an essential role when it comes down to our company's vertical real estate relationship with DEMCO utility company. Similar to his role with MDOT, Dalton has been instrumental in the installation, inspection, and maintenance of DEMCO's communications infrastructure. He has also assisted in the design and implementation of large scale tower infrastructure spanning nine parishes for DEMCO. Dalton's efforts with the utility company range in experience on traditional self-supporters, guyed towers, monopoles and utility poles. Over years of DEMCO projects he often used drones for inspections and mapping as well as for inventory, verification, and safety purposes. In conclusion Dalton has also worked closely with DEMCO on several unique yet somewhat similar projects that involved cranes, network communications, private LTE cellular systems, and tower infrastructure projects.		

Firm employed by: Wireproof Communications, LLC

Nathan Smith | *Tower Ground Tech & Networking Associate*

Years of relevant experience with this employer

4

Years of relevant experience with other employer(s)

2

Degree(s) / Years / Specialization

n/a

Year registered

n/a

Active registration number / state / expiration date

n/a

Discipline

n/a

Contract role(s) / brief description of responsibilities:
Tower Ground Tech & Networking Associate. He fulfills MPR #4 & 5.

Experience dates
(mm/yy-mm/yy)

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

06/23 - current

Mississippi Department of Transportation: Communications Tower Ground (& Networking) Technician. Mr. Smith has been with Wireproof Communications for almost two years and has been working along the side of our tower climber technician. He has performed key duties in assisting with documentation for mapping, inspection, and verification at MDOT tower sites. Nathan is also a very skilled in electronics and networking. He is a vital member of our team and keeps all of our equipment in tip top condition, especially our networking and electronics gear such drone hardware.

01/19-06/23

Oilfield Services – Nathan also has quite a bit of knowledge regarding maintaining and inspecting oilfield structures and equipment from previous employment experience.

Firm employed by: Wireproof Communications, LLC

Thomas Ribando | *Lead Tower Technician*

Years of relevant experience with this employer	1
Years of relevant experience with other employer(s)	12

Degree(s) / Years / Specialization	Bachelor of Science, in Business Management Fall Protection – Competent Climber – Vertical Rescue / 13 Years	Year registered	n/a
Active registration number / state / expiration date	n/a	Discipline	n/a

Contract role(s) / brief description of responsibilities:
Tower Ground Tech & Networking Associate. He fulfills MPR #4 & 5.

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time years of experience specified in the applicable MPR[s].
12/24 - current	Mississippi Department of Transportation: Communications Tower Technician. Mr. Ribando has years of experience with tower communication systems and maintenance. While Thomas has only been with Wireproof Communications for a short period of time, he has been involved in the installation, inspection, and maintenance of government communications infrastructure for years.
8/12-current	For the past thirteen years Mr. Ribando has coordinated the design, installation, modification, and maintenance of large carrier networks and countless private and government tower sites. Thomas has performed mapping and inspections as a part of his duties. His efforts range in experience on cell towers, private and government communication towers as well as off shore rigs and two way towers. He has coordinated up to seven tower crews and 4 civil crews at any given time on many projects. Thomas has successfully worked with all major carriers and is efficient and proficient in both construction and maintenance of all tower systems. Wireproof considers Thomas a highly seasoned veteran in the tower industry.

Firm employed by: Wireproof Communications, LLC

Steven Fleming | *Tower Ground Tech & Networking Associate*

Years of relevant experience with this employer

1

Years of relevant experience with other employer(s)

10

Degree(s) / Years / Specialization

Drone Pilot & Tower Mapping & Inspection /
10 Years
Fall Protection – Competent Climber – Vertical
Rescue / 26 Years

Year registered

n/a

Active registration number / state / expiration date

n/a

Discipline

n/a

Contract role(s) / brief description of responsibilities:
Tower Ground Tech & Networking Associate. He fulfills MPR #4 & 5.

Experience dates
(mm/yy-mm/yy)

Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time years of experience specified in the applicable MPR[s].

1999 - current

Tower Inspection & Mapping: Mr. Fleming has the overall most experience on our team. Wireproof Communications has had Mr. Fleming on our radar and working in conjunction with him for countless years. As an example of just how experienced Mr. Fleming is to the tower industry, he has been working in the relevant experience range since 1999. Mr. Fleming is the instructor that has been training our guys in inspections and mapping. While Thomas has only been with Wireproof Communications for a short period of time, he has been involved in the installation, inspection, and maintenance of government communications infrastructure for decades. He has a drone pilot license and he is also an instructor for Drone Tower Mapping & Inspections.

2020

Through the university of Florida and contracted by the United States Coast Guard Mr. Fleming's team has performed inspections of 32 towers spread across 3 states within three months timeframe.

SECTION 17

FIRM EXPERIENCE

VOLKERT



17. Firm Experience:

Firm name	Volkert, Inc.	Past Performance Evaluation Discipline(s)*	Bridge
Project name	District Wide Overhead Sign Inspection FDOT District 2	Firm responsibility (prime or sub?)	Prime
Project number	n/a	Owner's name	FDOT
Project location	District 2, FL	Owner's Project Manager	Melissa D. Morgan
Owner's address, phone, email	710 NW Lake Jeffery Road, Suite 202, Lake City, FL 32055; 386-961-7060		
Services commenced by this firm (mm/yy)	08/17	Total consultant contract cost (\$1,000's)	\$2
Services completed by this firm (mm/yy)	07/21	Cost of consultant services provided by this firm (\$1,000's)	\$2

The project was for the overhead sign structure inspection of approximately 1,020 overhead structures district wide over a four-year period. Additional tasks included numerous initial inspections, material testing, and minor field repairs. This project included a major schedule overhaul optimizing the schedule to provide a uniform number of inspections per month and establishing a master schedule based on structure location. Future initial inspections will have the follow up routine inspection correspond to the master schedule. This was also the first time all the signs were inspected under the new BrM/BMS element level format. Our crews performed their work in accordance with D2's guidelines and State/Federal regulations.

Every visible surface of all structural members was observed and any deficiencies were noted. Our crews exposed any portion of the structure and foundation that was obstructed by soil, debris or vegetation. The TL also ensured that the ancillary structure number was in place and refreshed/replaced existing structure numbers. Our inspectors performed minor maintenance duties such as cleaning and spot painting corroded areas on sign components, fasteners and baseplate anchor bolts using "cold galvanizing" and when possible tightened fasteners and nuts to the proper torque.

Sign defects such as anchor bolts and moment connections were evaluated and coded using the D2 Sign and Pole Inspection Policies. Deficiency with field measured dimensions documented in the reports. If deficiencies were found to be sufficiently critical enough to warrant immediate repair and/or posed a danger to the traveling public, the D2 Project Manager, Ms. Melissa Morgan, was verbally notified immediately, typically while the crews were at the site. Our Team followed-up the verbal notification with written notification within 24 hours.

For newly installed structures a punch list of findings was submitted within two (2) days of the inspection. We also added the new structure number so that it faces traffic for easy visibility.

The professionalism and commitment to excellence that Volkert prides itself on is best evidenced through our final consultant evaluation results for this inspection contract where Volkert received a perfect rating of 5 on all evaluation criteria for Work Groups 5.1, 5.2, and 5.3.

Staff to be used in this proposal: Aaron Immel, Anthony Bibelhauser, Matt Massotto, Todd Powell, Matt Burnett, Paul Swann

Firm name	Volkert, Inc.	Past Performance Evaluation Discipline(s)*	Bridge
Project name	District Wide Structure Asset Maintenance (SAM) Inspections FDOT D1 & D7	Firm responsibility (prime or sub?)	Sub
Project number	n/a	Owner's name	FDOT Districts 1 & 7
Project location	FDOT Districts 1 & 7	Owner's Project Manager	Jim Jacobsen, PE, District Structures Facility Engineer
Owner's address, phone, email		2916 Leslie Road, Tampa, FL 33619; 813-612-3386	
Services commenced by this firm (mm/yy)	02/23	Total consultant contract cost (\$1,000's)	\$15
Services completed by this firm (mm/yy)	12/23	Cost of consultant services provided by this firm (\$1,000's)	\$15

This contract provides structural inspection and maintenance services for an inventory of 1,100 bridges and **1,250 Traffic Signal Mast Arms (TSMAs)** throughout FDOT Districts 1 & 7. Bridge types range from large waterway crossings such as the Howard Frankland Bridge & Gandy Bridge to post-tensioned segmental viaducts such as the Selmon Crosstown Expressway to local timber bridges and concrete culverts. The inventory of structures includes both state and locally owned bridges with many located in Pinellas County.

Volkert is teamed with DBi on this project and performs routine bridge inspections, develops repair recommendations and provides incidental maintenance engineering and emergency response services (design and CEI). Volkert has provided emergency field inspections and engineering services for numerous bridge collisions (such as over height vehicles damaging bridge beams and barrier collisions), repair of deteriorated components, response and repair design for catastrophic events such as tanker fires on bridges (I-375 in Pinellas County and I-75 in Manatee County) and barge collisions (Gandy & Howard Frankland Bridge), and bridge settlement (Longboat Key Movable) and the most recent (Oct -2018) I-75, Fowler Avenue semi-truck crash.

Staff to be used in this proposal: Aaron Immel, Anthony Bibelhauser, Matt Massotto

Firm name	Volkert, Inc.	Past Performance Evaluation Discipline(s)*	Bridge
Project name	FDOT District 6 Bridge and Signal Structure Inspections	Firm responsibility (prime or sub?)	Prime
Project number	n/a	Owner's name	FDOT District 6
Project location	Miami-Dade and Monroe Counties, FL	Owner's Project Manager	Jorge Ricardo
Owner's address, phone, email	1000 NW 111th Avenue, Miami, FL 33172, (305) 640-7472, jorge.ricardo@dot.state.fl.us		
Services commenced by this firm (mm/yy)	04/21	Total consultant contract cost (\$1,000's)	\$7,700
Services completed by this firm (mm/yy)	05/23	Cost of consultant services provided by this firm (\$1,000's)	\$7,700

Volkert, Inc. has been a key engineering partner for FDOT District 6, performing comprehensive inspection services across both Miami-Dade and Monroe Counties. Our team is deeply familiar with the District's bridge and structural inventory, with extensive experience under various Asset Maintenance and statewide inspection contracts. eO was a *subconsultant on this projec*.



As part of the Districtwide In-Depth State Bridge Inspection Program, Volkert is responsible for inspecting approximately 287 bridges, including routine, fracture critical, and movable structures. Our services encompass underwater inspections, post-rehabilitation assessments, in-service and post-repair inspections, as well as interim and emergency inspections. This inventory includes:

- 59 underwater inspections
- 15 mechanical and electrical components
- 6 concrete segmental bridges
- 24 fracture critical bridges

We ensure compliance with national and state inspection practices, with all bridges accurately load-rated, posted where required, and free of critical deficiencies. In Monroe County, Volkert leads the Florida Keys Bridge Inspection, performing 65 routine inspections, including large post-tensioned segmental bridges such as the iconic Seven Mile Bridge. Volkert also supports the Districtwide Traffic Signal Mast Arms (TSMAs) and High Mast Light Poles (HMLPs) Inspection Program, which covers:

- 4,235 TSMAs at 1,365 intersections
- 172 HMLPs
- 30 estimated interim TSMA inspections per cycle

Tasks include routine and initial inspections, BrM data documentation, structural remediation, repair recommendations, EDMS updates, and rapid emergency response. Through these efforts, Volkert contributes to the safe operation and structural integrity of critical transportation infrastructure throughout FDOT District 6.

Staff to be used in this proposal: Aaron Immel, Anthony Bibelhauer, Matt Massotto, Todd Powell, Paul Swann

Firm name	Volkert, Inc.	Past Performance Evaluation Discipline(s)*	Bridge
Project name	I-4 Ultimate P3, Structures Inspection Seminole and Orange Counties, FL FDOT District 5	Firm responsibility (prime or sub?)	Sub
Project number	n/a	Owner's name	ICA (formerly DBI)
Project location	Orlando Metro Area, FL	Owner's Project Manager	Darren DeWitt
Owner's address, phone, email	One Alhambra Plaza, Suite 1200 Coral Gables, FL 33134 305-799-1283		
Services commenced by this firm (mm/yy)	09/14	Total consultant contract cost (\$1,000's)	\$2.2 M
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$2.2 M

This project rebuilds and upgrades I-4 through the Orlando area. It will add four tolled express lanes to the interstate while maintaining the existing free general use lanes. Volkert's role in the asset maintenance portion of the project includes inspection of existing bridges, signs, HMLPs and TSMA's, inspections for 160 new bridges, 300 new signs and 85 new TSMA's. Establishing documentation for new structures in the state bridge management system is a key component of Volkert's effort. Engineering support includes repair design and evaluation of various construction related structure damage. Highlights include repair design of damage to steel box girder due to a vehicles collision at Conroy Road over I-4 and providing repair concepts and monitoring of pile settlement at I-4 over Ivanhoe Blvd.

Staff to be used in this proposal: Aaron Immel, Anthony Bibelhauser, Matt Massotto, Todd Powell

Firm name	Volkert, Inc.	Past Performance Evaluation Discipline(s)*	Bridge
Project name	Hurricane Sally Response	Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	FDOT District 3
Project location	Pensacola, FL	Owner's Project Manager	April Williams, PE
Owner's address, phone, email	Highway 90 East, Chipley, Florida 32428; 850-330-1612; april.williams@dot.state.fl.us		
Services commenced by this firm (mm/yy)	9/20	Total consultant contract cost (\$1,000's)	\$27
Services completed by this firm (mm/yy)	9/21	Cost of consultant services provided by this firm (\$1,000's)	\$27

2020: Following the devastation of Hurricane Sally in the Florida Panhandle, Volkert was called to investigate the damage at the newly constructed Pensacola Bay Bridge. Crews were mobilized from Mobile and Daphne, Alabama and on-site within an hour of getting the call, despite these crews not having power and dealing with damage to their own homes. Following the initial assessment of the Alabama crews, additional personnel from Tampa, Pinellas Park, and Mississippi were quickly mobilized. In addition to the topside inspection of the Pensacola Bay Bridge, Volkert underwater teams were deployed to assess the integrity of the piers and detect any debris on the bay floor or lodged in the pier foundations. While several crews continued the inspection at Pensacola Bay, several other crews inspected over 700 ancillary structures in Escambia and Santa Rosa Counties to ensure the roadways were safe for the traveling public.



Staff to be used in this proposal: Aaron Immel, Anthony Bibelhauser, Matt Massotto, Todd Powell, Britt Bumpers, Robert Scheeler, Matt Burnett, Paul Swann



Pensacola Bay Bridge

Firm name	Engineering Operations, LLC	Past Performance Evaluation Discipline(s)*	Bridge
Project name	LADOTD IDIQ Contract for Sign Inspection	Firm responsibility (prime or sub?)	Sub
Project number	4400017089	Owner's name	LADOTD
Project location	Statewide, LA	Owner's Project Manager	Hayley Brown, PE
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, Louisiana hayley.brown@la.gov 225.379.1500		
Services commenced by this firm (mm/yy)	02/20	Total consultant contract cost (\$1,000's)	\$473
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$473

eO was heavily involved in a sub-consultant role on the 2020-2025 Statewide Louisiana (LADOTD) Sign Inspection Contract. Most of the structures were four-chord cantilever and overhead sign support structures, which eO inspected utilizing bucket trucks and climbing access techniques. Many of the sign structures were inspected in the aftermath of Hurricanes Harvey and Laura and had been exposed to high-wind events, which required the expertise of some of our most experienced sign inspectors. Almost all signs in this region were found to have several, and many had numerous, cracked and/or fractured chord members, anchor bolts, and/or loose moment connections, which often required our team leaders to assess structural stability on-site. For all inspections, eO completed a thorough visual inspection and utilized non-destructive testing as needed to verify the severity of structural defects. The inspected sign trusses are welded structures constructed from aluminum or steel, with each weld of the trusses checked closely for cracking and special attention paid to fatigue prone areas. Radio headsets were utilized to relay inspection findings to the inspector on the ground and all deficiencies were marked with high visibility flagging tape to ensure correct identification of each failed member. Our inspectors tested the anchor bolts for all cantilever structures with our Dakota DF-7 flaw detector. This ultrasonic testing equipment has straight beam and phased array capability, however, for the scope of this particular contract, our inspectors predominantly used straight beam flaw detection. When required, eO inspectors performed minor maintenance to further ensure the safety of the traveling public. As with all our contracts, our inspectors repainted all faded or missing structure numbers with stencils and weather-resistant spray paint.

Staff to be used in this proposal: Sam Williams, Connor Kenney, Lucas Waldron, Karl Davis, Caden D'Aoust, Kyle Rankin and Jacob Snipes

Firm name	Engineering Operations, LLC	Past Performance Evaluation Discipline(s)*	Bridge
Project name	Florida's I-4 Ultimate Improvement Project	Firm responsibility (prime or sub?)	Prime
Project number	E5W13	Owner's name	Roy Jorgensen
Project location	Central Florida	Owner's Project Manager	John Farnoly, PE
Owner's address, phone, email	7015 McCoy Rd., Orlando, FL 32822 john.farnoly@royjorgensen.com 853.982.9183		
Services commenced by this firm (mm/yy)	02/22	Total consultant contract cost (\$1,000's)	\$1,167
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)	\$695

eO is the primary inspection consultant to perform routine, NSTM, and underwater inspections throughout the 21-mile stretch of Central Florida's most vital transportation artery. Our team is responsible for the structural inspection of every structure within the corridor, which includes bridges, overhead signs, traffic signals, and high mast light towers. Additionally, many flyover bridges have complex NSTM elements that require special access techniques and night inspections for lane closures. Our inspectors perform thorough inspections, produce detailed findings reports, update structure inventory details, make repair recommendations, produce Feasible Action Review Committee (FARC) agendas, and attend monthly meetings for FDOT District Five. These meetings are held to discuss the ongoing construction activities, lane shift or closure requirements, access restrictions, additional maintenance of traffic needs, and safety topics pertaining to the upcoming inspections. FDOT, Roy Jorgenson & Associates, and SGL Construction all attend these meetings to discuss the upcoming inspections as well as review the recommendations from the previous month's inspections to determine actions required to maintain the structure's safety and capacity.

Staff to be used in this proposal: Bill Gehry, Connor Kenney, Karl Davis, Caden D'Aoust, Jonathan Ivey, Taylor White, and Kyle Rankin

Firm name	Engineering Soultions, LLC	Past Performance Evaluation Discipline(s)*	Bridge
Project name	Florida Turnpike North – Bridge, Sign, LNQC, & HMLT Inspections	Firm responsibility (prime or sub?)	Sub
Project number	19269317201	Owner's name	Turnpike Enterprise
Project location	Statewide, LA	Owner's Project Manager	Aran Lessard, PE
Owner's address, phone, email		Mile Post 65, Florida's Turnpike Operations Center, Pompano Beach FL 33069 aran.lessard@dot.state.fl.us 954.934.1234	
Services commenced by this firm (mm/yy)		08/23	Total consultant contract cost (\$1,000's) \$800
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's) \$367

eO is currently performing as a sub-consultant for this project, which includes inspections throughout the Florida Turnpike's Corridor (Turnpike Mainline, Beachline Expressway, Southern Connector Extension, Veterans Expressway, Suncoast Parkway, Polk Parkway, Western Beltway, and the I-4 Connector). Many structure types are included in this contract, including bridges, signs, LNQCs, HMLT, and several confined space inspections. Our team is responsible for performing thorough inspections, producing detailed findings reports, updating structure inventory details, making repair recommendations, and producing Feasible Action Review Committee (FARC) agendas for the Turnpike Enterprise. Similar to Louisiana, these structures are also subject to high wind events. Climbing techniques are utilized to ensure our inspectors are hands-on with all members to identify any cracked, fractured, loose, or corroded sign, structural, or incidental member. Our inspectors tighten loose bolts for moment connections, sign connections, and spliced members with wrenches that are safely tied off to their utility belts with high strength paracord. All tightened hardware is described in the inspection report with an identifying location per FDOT labeling convention. Any loose hardware unable to be tightened is provided a maintenance recommendation in the inspection report. Our inspectors need to be particularly experienced for this contract as a variety of sign member types and sizes are included throughout the turnpike, including cantilever and overhead monotube, tri-chord, four-chord, and toll road gantry structures. As part of the bridge inspections on this contract, our team also inspects bridge mounted sign structures, which are often attached to the structure's girders, deck, or barriers.

Staff to be used in this proposal: Bill Gehry, Connor Kenney, Karl Davis, Jonathan Ivey, Taylor White, Kyle Rankin, Grace Mauberret, and Lucas Waldron

Firm name	Wireproof Communications LLC	Past Performance Evaluation Discipline(s)*	Other (Tower Inspection)
Project name	DEMCO Microwave & Tower Inspections	Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	DEMCO
Project location	Southeast Louisiana	Owner's Project Manager	Lee Guillot
Owner's address, phone, email	16262 Wax Rd, Greenwell Springs, LA 70739 - (225) 284-9131 - leeg@demco.org		
Services commenced by this firm (mm/yy)	05/23	Total consultant contract cost (\$1,000's)	\$172,000
Services completed by this firm (mm/yy)	Current	Cost of consultant services provided by this firm (\$1,000's)	\$172,000

Wireproof Communications played a crucial role in ensuring the safety, structural integrity, and operational efficiency of all of the communication towers in DEMCO's network. Our primary functions included visual inspections, condition assessments, and specialized testing. We examine the tower structure for obvious damage, corrosion, misalignments, and other issues. We perform in-depth evaluations of structural components, connections, foundations, and appurtenances. We utilize techniques like bolt torque testing, plumb and tension checks for guyed towers, and even drone inspections with high-resolution cameras to identify defects. While mapping the towers we documented the location and specifications of all equipment and structural elements on the tower. We identified potential problems such as early warning signs of structural weakness, corrosion, fatigue, and other forms of degradation. We determine any non-compliance with safety standards and regulations. Pinpointing issues that could lead to costly repairs, operational disruptions, or even catastrophic failures. We furnish detailed reporting by providing comprehensive reports with findings, including photographic evidence and measurements. Prioritizing identified issues based on urgency and potential impact. We are often making recommendations for necessary repairs, maintenance, or upgrades. Sometimes providing cost estimates for recommended actions. The utility company stresses safety and compliance and we played a critical role in helping them comply with industry standards and regulatory requirements. Minimizing risks to tower workers and the general public by identifying and addressing safety hazards. We provide data for proactive maintenance planning and scheduling. We aided in optimizing maintenance budgets by identifying issues early and preventing more significant problems. We documented the condition of the tower over time to track degradation and the effectiveness of maintenance efforts.

In summary, Wireproof Communications acts as a partner by providing the expertise and tools necessary to maintain safe, reliable, and structurally sound tower infrastructure. This work helps prevent failures, optimize maintenance, ensure regulatory compliance, and ultimately protect investments and public safety.

Staff to be used in this proposal: Dalton Langley, Nathan Smith, Thomas Ribando, Cliff Difrancio, Colby Phillips

Firm name	Wireproof Communications LLC	Past Performance Evaluation Discipline(s)*	Other (Tower Inspection)
Project name	MDOT Gulf Coast Tower Inspections	Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	State of Mississippi
Project location	Mississippi Gulf Coast	Owner's Project Manager	Mike Brown – Neel Schaffer
Owner's address, phone, email	PO Box 1850, Jackson, MS 39215 - (601) 948-3071 - mike.brown@neel-schaffer.com		
Services commenced by this firm (mm/yy)	04/21	Total consultant contract cost (\$1,000's)	\$28,000
Services completed by this firm (mm/yy)	08/21	Cost of consultant services provided by this firm (\$1,000's)	\$28,000

Wireproof Communications played a crucial role in ensuring the safety, structural integrity, and operational efficiency of many of the communication towers in MDOT's network. Particularly the 8 tanks and towers on the gulf coast. Our primary functions included acquiring drawings, visual inspections, condition assessments, and measurements. We also examine the tower structure for obvious damage, corrosion, misalignments, and other issues. We perform in-depth evaluations of structural components, connections, foundations, and appurtenances. We utilize techniques like bolt torque testing, plumb and tension checks for guyed towers, and even drone inspections with high-resolution cameras to identify defects. While mapping the towers we documented the location and specifications of all equipment and structural elements on the tower. We identified potential problems such as early warning signs of structural weakness, corrosion, fatigue, and other forms of degradation. We determine any non-compliance with safety standards and regulations. Pinpointing issues that could lead to costly repairs, operational disruptions, or even catastrophic failures. We furnish detailed reporting by providing comprehensive reports with findings, including photographic evidence and measurements. Prioritizing identified issues based on urgency and potential impact. We are often making recommendations for necessary repairs, maintenance, or upgrades. Sometimes providing cost estimates for recommended actions. We stress safety and compliance and we played a critical role in helping them comply with industry standards and regulatory requirements. Minimizing risks to tower workers and the general public by identifying and addressing safety hazards. We provide data for proactive maintenance planning and scheduling. We aided in optimizing maintenance budgets by identifying issues early and preventing more significant problems.

Staff to be used in this proposal: Dalton Langley, Nathan Smith, Thomas Ribando, Cliff Difranco, Colby Phillips

SECTION 18

APPROACH & METHODOLOGY



Introduction

Volkert, Inc. (Volkert) is pleased to submit this response to the Louisiana Department of Transportation & Development (LADOTD), briefly outlining our qualifications and understanding of the tasks depicted in the Statewide Overhead Sign and Radio Tower Inspection contract Scope of Services (SOS). Volkert has performed more than 20,000 overhead sign inspections for multiple state DOTs. With this depth of experience and expertise, the LADOTD staff can rest assured that our team is the most qualified to successfully execute this inspection contract. We have assembled a comprehensive team of expert certified bridge inspectors (CBIs) and professional engineers (PEs) with vast experience performing overhead sign inspections, analysis, evaluations, and testing. We have brought Wireproof Communications as an industry expert in telecom tower inspection and technologies to assist in the Radio Tower portion of this contract and Engineering Operations on board to assist in the ancillary inspections and any needed rope access needs.

Project Understanding

Volkert understands the success of this inspection contract hinges on the following key elements.

- Provide a safe environment for the public and inspection teams
- Extensive communication with the LADOTD Project Manager (PM)
- Ensuring accuracy of inspection reports and structural data collected
- Offer a “fresh set of eyes” point of view on all structures
- Key personnel with non-destructive testing (NDT) experience
- Working knowledge of the LADOTD Ancillary inspection policies
- Comprehensive understanding of Agile Assets Management System, Beyond Asset, and other data management systems
- Redundancy in inspection capabilities
- Responsiveness to emergency situations

The SOS provides an inventory list of 1,500 overhead sign structures comprised of various bridge span types; cantilevers, butterflies and the (40) radio towers. In addition to the standard routine inspections, other inspection types may also be required, such as initials, interims, post-storm, and emergency response. With any inspection contract, the inventory is dynamic and Volkert understands that any stated quantities are subject to change during the project duration.

Our Team

The Volkert team is comprised of industry leading pioneering firms that will work flawlessly together as one unit. We have put together a team of professionals that will provide the LADOTD with the greatest value and that has the work force to prioritize this contract and get the job done efficiently, safely, and cost effectively while utilizing the newest and most state-of-the-art technologies available to inspect and analyze the LADOTD's assets while focusing on minimizing any hardship to the traveling public. Safety of our team and the traveling public is in the forefront of this team's culture.

ENGINEERING OPERATIONS, LLC (eO), founded in 2016, is a small LADOTD registered DBE, specialized civil engineering firm with a strong local presence in Louisiana and headquartered in Colorado, with staff across multiple states. eO provides structural inspection services for ancillary structures like sign trusses, traffic signals, and light poles, and NBIS/SNBI bridges serving clients in 37 states, including the U.S. Navy, Coast Guard, and Army Corps of Engineers. The firm's revenue comes solely from these inspections. eO's team includes Professional Engineers, certified bridge inspectors, NBIS team leaders, SPRAT rope access technicians, NDT technicians, and certified welding inspectors, all skilled in element-level reporting per FHWA, NBIS, and SNBI standards, ensuring technical excellence and seamless inspection and reporting processes. eO has a strong working knowledge of this contract as they served as a major subconsultant on the previous two LADOTD Ancillary Sign Contracts.



WIREPROOF COMMUNICATIONS, LLC is well known in the telecommunications industry, specializing in supplying innovative communication products and services to various industries and regional companies. With a team boasting decades of experience working alongside Radio Equipment Manufacturers, the company prides itself on its high standards and extensive industry knowledge. Their offerings are crafted with precision and care, focusing on safety, meeting the diverse needs of their clients through tailored solutions and advanced technology to supplement their day-to-day activities. The company emphasizes continuous improvement and expansion of its practices to stay at the forefront of the communications industry. By leveraging their seasoned staff's expertise and innovative technology, Wireproof Communications delivers products that support multiple verticals, ensuring reliability and innovation.



INSPECTION EXECUTION

Sign Inspection

Before any field work commences, our qualified team leads (TLs) will review all components of the past inspection reports, which will aid in the identification of new deficiencies and changes in the severity of existing defects. **All proposed Team Leaders (TL) have successfully completed the NHI 130087: Inspection of Ancillary Highway Structures course.** Volkert acknowledges that inspections must be completed by the designated date specified by the previous inspection reports and that the structures material type, condition, and configuration determine the inspection frequencies. Additionally, our field supervisor and TLs will identify structures that require specialized access, lane closures, or rope access to discern the best approach for the inspection to best limit any disruptions to the public.

All inspections will follow the FHWA Ancillary Structures Inspection Reference Manual. Volkert understands the LADOTD specific Ancillary Sign Inspection Manual is in production. Volkert inspectors are familiar with the LADOTD policy for inspecting and recording specific items of the structure such as fatigue cracks, moment connection gaps, stand-off distances, grout/weep hole criteria, and missing anchor/jam nuts. During a structure field inspection, a qualified TL will always be on-site, actively participating in the inspection and will:

- Confirm that the structure number is present and replace, if needed.
- Confirm existing deficiencies and record any new ones, noting their exact size, location, condition state, and defect code. Additionally, provide at least one, color photo of a typical deficiency and one photo for each significant deficiency.
- Document the size, length, and location of any fatigue cracks and location of loose or missing hardware and mark with survey tape, if not tightened or replaced by inspector.
- Remove soil and debris from structure (45-minute effort by inspectors) or, if a major cleaning operation, the LADOTD PM will be provided with ample notice to avoid delinquency.
- Traverse the full length of the horizontal members safely, with all tools and equipment securely tethered to the inspector.
- Check to see if a structure is not electrically charged before commencing with the inspection.
- Remove access covers and use a borescope to inspect the base plate to pole interior weld and interior surfaces.
- Verify effectiveness of the retro-reflectivity of the sign panel.
- Cold-galvanize corrosion of primary members (typically two square feet or four areas) as well as any corrosion of the anchor bolts.
- Tighten any loose nuts and bolts with appropriate hand tools (torquing to proper limits, as needed). If it is unable to be tightened, a detailed explanation will be included in the report.

Radio Tower Assessment

Volkert has teamed with an industry leader, Wireproof Communications (Wireproof), to perform all the Radio Tower (Towers) assessments. Before any field work commences, Wireproof will gather all pertinent data available from LADOTD about the towers, any site-specific access requirements, and submit a schedule to the Department. The team is well versed in the ANSI/Telecommunications Industry Association (TIA)-222 Maintenance and Condition Assessment of Telecommunication Towers and regularly completes TIA inspections throughout the region. The climbers have strong footholds in the safety requirements of fall protection, tower rescue, and SPRAT that comes with climbing towers. Assessment of the towers will include assessing all connections, foundations, guywires, and attachment connections. – this includes the guywires for guyed towers. Wireproof has the capability and know-how to perform TIA inspections via drone with their in-house FAA pilots if the tower is deemed unsafe or not climbable for any reason and can produce a 3D mosaic model of the structure to accurately show all the connections for a desktop analysis. Wireproof's reporting will follow the same rigorous review process as the Volkert QAQC policy demonstrates prior to submission to LADOTD.

Critical Findings

If the inspection team discovers a critical deficiency that compromises the structural integrity or potentially endangers the safety of the public, the TL will notify the Volkert PM, Mr. Immel from the field. The Volkert PM will then verbally notify the LADOTD PM, or their designee (voicemails are not an acceptable notification) of the critical finding and provide photos of the condition. The team will continue to work with LADOTD until the issue is resolved. A written Critical Finding Notification will be issued within 24 hours, and the inspection report may be expedited upon request. Our team will remain on-site until a resolution is decided upon.

Equipment/NDT

Our teams are equipped with the latest inspection tools, access equipment, and technologies including digital calipers, UT thickness gages, laser measuring devices with video view finders and remotely operated digital cameras. Every team has dye penetrate kits and magnetic particle sets to highlight cracks. Borescopes will be used to determine if the grout under the base plate is a solid grout pad or grout ring. The inspection teams have OSHA approved rope access (SPRAT) equipment or fall arresting gear when inspecting from bucket trucks and traversing the structures. Volkert has ultrasonic flaw detectors capable of finding possible flaws in welds and discontinuities in anchor bolts. Our teams also carry multimeters to ensure that a structure is not charged and safe to inspect. We also have thermal imaging cameras which plug into a smart phone to look for any unusual hot spots in electrical systems attached to the structure.

In addition to standard inspection equipment, our field crews are provided with mobile workstations. These stations include laptop computers with cellular connectivity, smart phones, iPads and portable scanners and printers. Many times, our field crews have discussed the condition of a structure with one of our structural engineers in real time using live video conferencing (FaceTime/Teams). This immediate transfer of information allows our engineers to perform a structural evaluation before the inspection team leaves the structure. Our team can email photographs or a field sketch to any involved office staff.

We have several FAA licensed UAS (drone) pilots that understand drones are only one tool in our arsenal and will not eliminate the job that a hands-on inspector can perform. We can work with LADOTD staff to utilize this technology to possibly inspect the sign support moment connections which may be difficult to access with rope access or a bucket truck.

Inspection Reports

Volkert will submit completed reports within 45 calendar days of an inspection using a secured OneDrive link for review by the LADOTD PM. Once approved, the final report will be uploaded and submitted no later than 60 calendar days from the inspection date.

Recommendations

Volkert's TLs will provide clear, concise, and practical repair recommendations for deficiencies discovered during the structure assessment. Volkert's experience in asset maintenance (AM) contracts ensures that our team will report findings with maintenance and preservation in mind. Previous repair recommendations and repairs identified on-site will be evaluated, and stated in the report. Incomplete previous repairs will be assessed and depicted in the updated report. Deficiency descriptions will provide in-depth details, allowing determination of the most effective repair and photos will include a ruler for scale and arrows to identify the location, as needed.

Quality Assurance/Quality Control (QA/QC)

Volkert has a multi-step QA/QC process where all inspection reports are reviewed by our Engineer, field supervisor, TL, and the project administrator (PA). This is in addition to periodic field reviews. Volkert's PM and field supervisor will coordinate with the LADOTD PM to perform joint field reviews to observe our inspection teams in action and review previously inspected structures. Each inspection report will have its own tracking sheet and QA/QC checklist to comply with production milestone dates. Additionally, Volkert has teamed with Engineering Operations (eO) who will provide independent quality assurance inspections to ensure the inspections are accurate.

Volkert is committed to meeting schedules and deadlines on every task assignment. We

accomplish this by implementing realistic planning during preliminary scoping of the project, producing a written schedule, and strictly managing the schedule. The team meets regularly to discuss problem areas and solutions, and to monitor progress relative to the schedule. Our Team understands the importance of appropriately scheduling the necessary field and office resources to ensure each task assignment is completed on schedule and within budget. This is critical when multiple assignments are in progress simultaneously. We know that effective channels of communication and coordination are essential for addressing project issues in a timely manner. Volkert takes an active role in project communication and coordination between our professionals (including subconsultants). When coordination with LADOTD is required, the Volkert Team will bring alternative solutions and recommendations for each item of concern immediately to the attention of LADOTD personnel to expedite the process and efficiently achieve the preferred solution to maintain schedules. Between our Team, equipment, and the use of our subconsultants we could schedule multiple teams in the field at one time.

Emergency Response

Volkert understands a quick response time is key in emergency situations. Our team has a multi-tiered internal communication plan in place for rapid mobilization to perform post-storm safety assessments and accident inspections. Volkert's team of inspectors pledge a maximum one-hour on-site response time to any emergency event notification from LADOTD. All subconsultants will also be available to respond to emergencies. Communication is critical during an emergency; therefore, we will proactively coordinate with the LADOTD PM on estimated arrival time and provide photos, videos, and live video chats through Microsoft Teams during the inspection. Our crew has experience in post-storm inspections. The crew completed damage assessment inspections of more than 700 ancillary structures in three days throughout Escambia and Santa Rosa Counties after Hurricane Sally on our FDOT contract.

Safety

Volkert's team of ATSSA-certified technicians, supervisors, and flaggers brings unparalleled expertise in work zone safety, traffic control oversight, and the development and implementation of traffic control plans. Our professionals are rigorously trained to design, deploy, and supervise temporary traffic control systems tailored to diverse infrastructure inspection projects across the U.S., meeting the stringent requirements of various state DOTs. Our traffic engineers, certified through LADOTD's comprehensive Traffic Engineering Process and Report Training, craft precise traffic control plans to ensure seamless and safe operations.

Safety is our top priority. We protect the traveling public and our employees through meticulous planning, daily safety meetings, and job hazard analyses conducted each morning. Our teams are highly visible, vigilant, and adept at maintaining safe, compliant work zones, ensuring the highest standards of safety and efficiency at every inspection site.

Commitment to LADOTD

Our services are consistently reliable, of the highest quality, and cost effective. We offer committed team members who are experienced providing element-level inspections on a variety of ancillary structure types and radio towers. We are confident that upon selection the Volkert Team is committed to working with LADOTD to provide these important inspections.

The Volkert Team is immediately available for assignments under this contract. As our submittal will show we have the experience, the capabilities, and the staff available to provide inspection services under this contract. We recognize the importance of understanding the tasks at hand, pre-planning, providing open communication, meeting critical path schedules and assigning the right staff and equipment to each task.

Schedule

Sample Task: IDIQ Contract Nos. 4400031911													
		Months											
ID	Task	1	2	3	4	5	6	7	8	9	10	11	12
1	TASK ORDER NTP & FEE NEGOTIATIONS,												
2	PROJECT KICK OFF MEETING THE LADOTD AND TEAM												
3	DOCUMENT/PLAN COLLECTION/EXISTING INSP. REPORTS,												
4	NOTIFY SUB CONSULTANTS OF INSPECTION NEEDS,												
5	CREATE INSPECTION SCHEDULE AND TRAFFIC CONTROL PLANS,												
6	CREATE SAFETY DOCUMENTS IN PREPARATION OF FIELD WORK,												
7*	ANCILLARY AND RADIO TOWER INSPECTIONS (INITIAL FIELD TRIPS)			VARIES									
8	REPORTING - DRAFT INSPECTION REPORT DEVELOPMENT,			INITIAL INSPECTION TASK REPORTING									
9	REPORTING - TEAM REVIEWS,				45 days								
10	REPORTING - IMPLEMENTING COMMENTS,				45 days								
11**	QUALITY MANAGEMENT - IMPLEMENT QAQC PLAN,				45 days								
12	SUBMIT DRAFT REPORT TO LADOTD FOR REVIEW,												
13	REPORTING - IMPLEMENT LADOTD COMMENTS,				60 days								
14	REPORTING - FINAL REVIEW & SIGN OFF FINAL REPORT,				60 days								
15	REPORTING - SUBMIT DATA FOR AGILE DATABASE,				60 days								

* This stage is continuous throughout the lift of the contract to meeting inspection due dates for structures.

** At this stage any critical findings will be immediately reported to LADOTD

SECTION 19

WORKLOAD


VOLKERT



19. Workload:

For all contracts where a firm on the team is a prime consultant or sub-consultant and where a) the consultant selection was made by DOTD, and b) a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

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

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Unpaid Balance**
 Volkert, Inc.	Bridge	Contract No. 44-25024 S. P. No. H.01551.8	Ridge Road Over Castor Creek, Bienville Parish, LA	\$111,275
		Contract No. 44-25024 S. P. No. H.015520	Collinsburg Creek over Collinsburg Creek, Bossier Parish, LA	\$79,410
		Contract No. 44-25024 S. P. No. H. 015522	Barnette Road over Trib to Walnut Bayou, Caddo Parish, LA	\$13,625
		Contract No. 44-25024 S. P. No. H.015524	Self Road Over Dooley Canal, Caddo Parish, LA	\$4,050
		Contract No. 44-25024 S. P. No. H.015525	Bailey Town Rd Over Little Corney Bayou, Claiborne Parish, LA	\$110,875
		Contract No. 44-25024 S. P. No. H.015527	Hinds Road Over Wallace Bayou, DeSoto Parish, LA	\$110,675
		Contract No. 44-25024 S. P. No. H.015528	Courtney Road Over Dry Creek, Red River Parish, LA	\$22,550
		Contract No. 44-25024 S. P. No. H.015529	Dorcheat Road Over Cow Branch, Webster Parish, LA	\$87,300
		Contract No. 44-25024 S.P. No. H.015336	Marathon Road over Gray Creek, Webster Parish, LA	\$82,850
	Traffic	Contract No. 44-4787 S.P. No. H.009250	IMR I-10 Highland Road to LA 73, East Baton Rouge and Ascension Parishes, LA	\$1,066,640
	Survey	Contract No. 44-17068	IDIQ Contract for Louisiana Watershed Initiative (LWI) Modeling Contract Region 2, Sub Consultant, Task Order 4	\$37,965
		Contract No. 44-17764 S.P. No. H.013284	IDIQ Contract for Engineering and Inspection Services of State Regulated Dams with Majority of Work in Districts 04,05,08 and 58, Statewide, Task Order 8	\$96,116

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**
	CE&I/OV	Contract No. 44-16173 S.P. No. H.003370	I-220/I-20 Interchange Improvements & Barksdale AFB Access, Bossier Parish, LA	\$375,978
		H.004791	LA 23: Belle Chasse Bridge and Tunnel Replacement (HBI) Plaquemines Parish, LA	\$3,851,398
		Contract No. 44-16980 H.013897	College Drive Flyover Ramp. I-10/I-12 West East Baton Rouge Parish, LA	\$101,417
		Contract No. 44-21740 H.004100.6	Phase I W. of Washington Street to Essen Lane (CE&I) Phase I Segment 01. W. of Washington Street to Acadian Thruway, Route I-18. East & West Baton Rouge Parishes, LA	\$627,700
		Contract No. 4400026587 S.P. No. H.001779.6	Jimmie Davis Bridge (LA 511) (HBI) (Owner Verification Services) Route LA 511, Caddo and Bossier Parishes	\$7,684,234
		H.001234.6	LA 1: Leeville to Golden Meadow Phase 2 (CE&I) & SA 1 Fabrication Lafourche Parish (Subconsultant to ECM)	\$5,055,709
		H.011965.6	LA 47: IWGO Bridge Replacement (HBI) (CE&I), Orleans Parish -Subconsultant	\$315,340
		H.007811.6, H.000710.6,H.002273.6, and H.001352.6	Comite Diversion Canal CE&I and Utility Relocation, East Baton Rouge Parish, LA – Subconsultant	\$119,200
		H.002868.6	Retainer Contract 44-26334 IDIQ Contract for Precast Prestress Concrete Fabrication Inspection, Task Order 3 Fabrication, I-49 S Ambassador Caffery US 90 Interchange, Lafayette Parish	\$19,173
		H.011808.6	Retainer Contract 44-26334 IDIQ Contract for Precast Prestress Concrete Fabrication Inspection, Task Order 4 Fabrication, LA 10: Palmetto Company Canal Br	\$38,869
Engineering Operations, LLC	Bridge	Contract #: 4400017089 State Project #: H011331	IDIQ Contract for Inventory and Inspections of Sign Trusses Statewide – Task Order 2	\$3,137
		Contract #: 4400019121 State Project #: H.009730.5	LADOTD IDIQ Contract for Underwater Inspection – Task Order 2	\$83
		Contract #: 4400019121 State Project #: H.009730.5	LADOTD IDIQ Contract for Underwater Inspection – Task Order 3	\$142,561
Wireproof Communications, LLC	N/A	N/A	N/A	N/A

SECTION 20

CERTIFICATIONS/LICENSES



VOLKERT



20. Certifications/Licenses:

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

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



Aaron Immel, PE, CBI, CFM



Alabama

Department of Transportation

Certifies that

Aaron Immel

has satisfactorily completed all requirements
and is duly authorized to serve as

"Bridge Inspector"

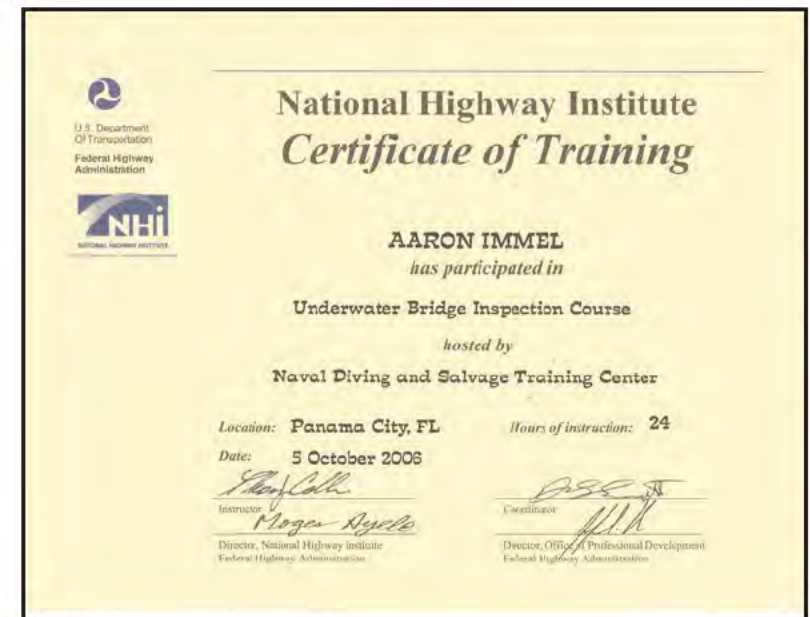
ACHI NO. 548

DATE 02-08-2005

John E. Linder
MAINTENANCE ENGINEER

Dom. Immel
DIRECTOR

Aaron Immel, PE, CBI, CFM



Artur D'Andrea, PE



Artur Dandrea
has attended
Louisiana Traffic Control Supervisor

Completed: 13-MAR-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



Artur Dandrea
has attended
Louisiana Traffic Control Technician

Completed: 11-MAR-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



Vincent Latino, PE

ATSSA American Traffic Safety Safer Roads Save Lives Services Association	
This is to affirm that	
VINCENT LATINO	
has satisfied the requirements to be designated as a CERTIFIED FLAGGER	
Issue Date <u>4/9/2025</u>	<u>Debbie Purcella</u> Instructor Name
Exp. Date <u>4/9/2029</u>	<u>Debbie Purcella</u> Instructor Signature
State Issued <u>LA</u>	
V0000307063	Verify at Flagger.com

Anthony Bibelhauser, CBI



Matt Massotto, CBI



This certifies that

Matthew Massotto

Has successfully completed

National Bridge Element Training

DOT Course PE-07-0003

FBPE Course 0009423

by

Florida Department of Transportation

Presented October 7-8, 2014

Hosted by Volkert, Inc.

In Tampa, Florida

And has Qualified for 14 PDH Credits

John Clark, P.E.

Richard I. Kerr, P.E.



National Highway Institute Certificate of Training



Matthew Massotto

has participated in

FHWA-NHI-130053 Bridge Inspection Refresher Training

hosted by
Ayras Associates Inc.

Date: July 7-9, 2015

Location: Tampa, FL

Hours of Instruction: 18

Instructor

Instructor

Local Coordinator

Valerie Briggs, Director
National Highway Institute



National Highway Institute Certificate of Training



Matthew Massotto

has participated in

**FHWA-NHI-130087
Inspection and Maintenance of Ancillary Highway Structures**

hosted by
Volkert, Inc.

Date: November 3-4, 2010

Location: Tampa, FL

Hours of Instruction: 12

Instructor

Instructor

Local Coordinator

Richard Barnaby, Director
National Highway Institute

Matt Massotto, CBI



National Highway Institute
Certificate of Training



Matthew Massotto

has participated in

130053A

Bridge Inspection Refresher Course

hosted by

Kissinger Campo & Associates

Date: 08/21/2007

Hours of Instruction: 24

Location: Tampa, FL

Sam A. Patrick
Instructor

[Signature]
Local Coordinator

[Signature]
Instructor

[Signature]
Joseph S. Long, Associate Administrator
Office of Professional and Corporate Development



National Highway Institute
Certificate of Training



Matthew Massotto

has participated in

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

hosted by

ALABAMA DEPARTMENT OF TRANSPORTATION

Date: July 19-30, 2010

Hours of Instruction: 60

Location: Tuscaloosa, Alabama

[Signature] PE
Instructor

[Signature]
Local Coordinator

[Signature] PE
Instructor

[Signature]
Richard Barnaby, Director
National Highway Institute



National Highway Institute
Certificate of Training



Matthew Massotto

has participated in

130053A

Bridge Inspection Refresher Course

hosted by

Kissinger Campo & Associates

Date: 08/21/2007

Hours of Instruction: 24

Location: Tampa, FL

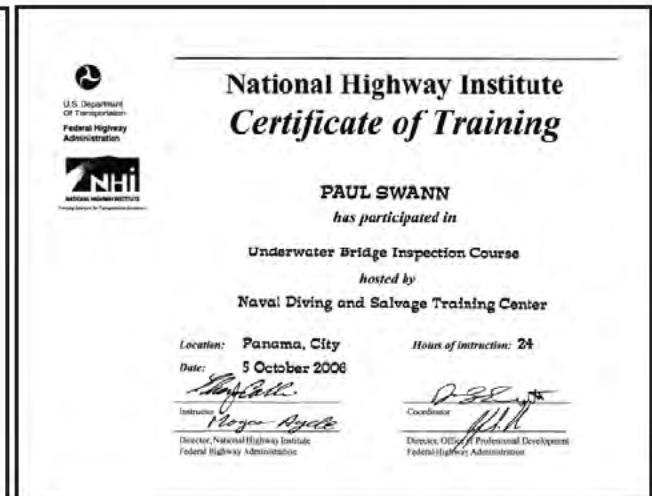
Sam A. Patrick
Instructor

[Signature]
Local Coordinator

[Signature]
Instructor

[Signature]
Joseph S. Long, Associate Administrator
Office of Professional and Corporate Development

Jeffrey "Todd" Powell, CBI



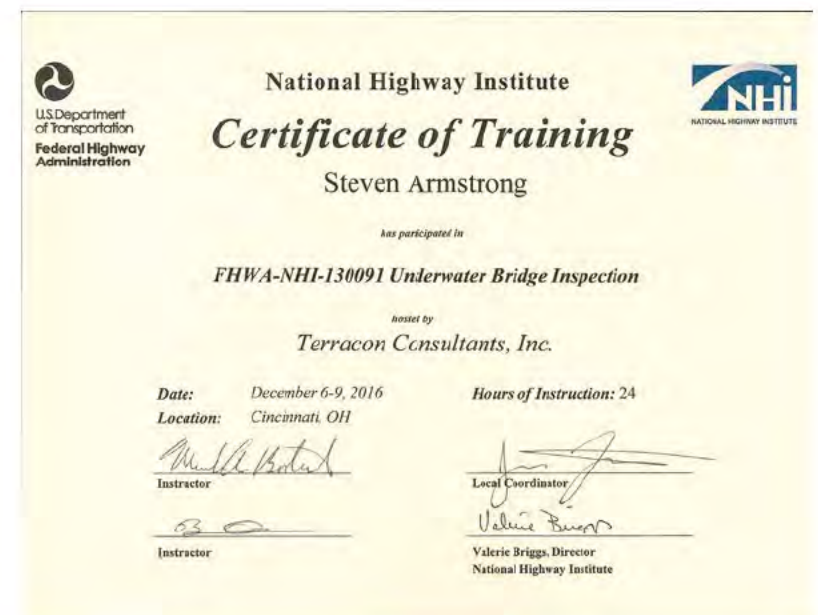
Steven Armstrong, PE, CBI, SPRAT | MPR #3



Steven Armstrong, PE, CBI, SPRAT | MPR #3



Scanned with CamScanner



Steven Armstrong, PE, CBI, SPRAT | MPR #3



Paul Swann, CBI



Paul Swann, CBI

 **National Highway Institute** 

Certificate of Training

Paul C. Swann
has participated in

FHWA-NHI-130053 Bridge Inspection Refresher Training

hosted by
Office of State Aid Road Construction

Date: October 27-30, 2020
Location: Virtual Delivery, MS

Hours of Instruction: 18

Instructor: 
Marie Albritton
Local Coordinator

Participant: 
Paul C. Swann
National Highway Institute

 **National Highway Institute** 

Certificate of Training

Paul Swann
has participated in

FHWA-NHI-130110 Tunnel Safety Inspection

hosted by
Volkert, Inc.

Date: January 23-27, 2017
Location: Mobile, AL

Hours of Instruction: 32

Instructor: 
Thomas H. Harmon
Local Coordinator

Participant: 
Paul Swann
National Highway Institute

 **National Highway Institute** 

Certificate of Training

Paul Swann
has participated in

Safety Inspection of In-Service Bridges

hosted by
ALABAMA DEPARTMENT OF TRANSPORTATION

Location: Montgomery, Alabama
Date: October 16-17, 2008

Hours of instruction: 72

Instructor: 
Morgan Reynolds
Director, National Highway Institute
Federal Highway Administration

Participant: 
Paul Swann
Director, Office of Professional Development
Federal Highway Administration

 **National Highway Institute** 

Certificate of Training

PAUL SWANN
has participated in

Underwater Bridge Inspection Course

hosted by
Naval Diving and Salvage Training Center

Location: Panama, City
Date: 5 October 2006

Hours of instruction: 24

Instructor: 
Morgan Reynolds
Director, National Highway Institute
Federal Highway Administration

Participant: 
Paul Swann
Director, Office of Professional Development
Federal Highway Administration

Casey Lester, CBI, SPRAT | MPR #6



SOCIETY OF PROFESSIONAL ROPE ACCESS TECHNICIANS

Rope Access Certification



Acknowledges that

CASEY LESTER

*has successfully completed the evaluation and written test
in accordance with SPRAT's Rope Access Certification Requirements
and is a certified*

Level 1 Technician

SPRAT # 171073

AWARDED: March 10, 2023

Expires: March 10, 2026

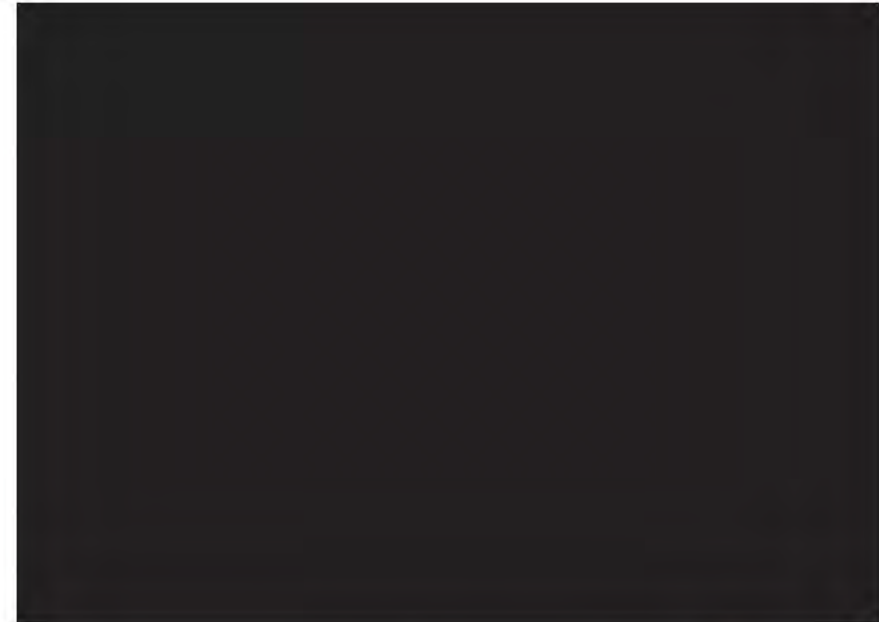
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TROLL, EVALUATIONS COMMITTEE CHAIR

[Signature]

RICHARD DELANEY, SPRAT PRESIDENT

SPRAT's Test, Idea, Verify, Inspire, Sustain... may be used only by those who are a part of the SPRAT organization.
©2023 - Present | Society of Professional Rope Access Technicians





National Highway Institute

Certificate of Training

Casey Lester

has participated in

**FHWA-NHI-130078 Fracture Critical Inspection
Techniques for Steel Bridges**

hosted by

West Virginia Department of Transportation



Date: Aug. 29 – Sept. 1, 2017

Hours of Instruction: 25

Location: Charleston, WV

[Signature]

Instructor

[Signature]

Instructor

[Signature]

Local Coordinator

[Signature]

Richard Barnaby, Director
National Highway Institute



National Highway Institute

Certificate of Training

Casey Lester

has successfully completed

FHWA-NHI-130053 Bridge Inspection Refresher Training

hosted by

ACEC/WV



Date: August 18-19, 2024

Hours of Instruction: 22

Location: Charleston, WV

Mark Nyerges *[Signature]*

Instructor

David Hoyne *[Signature]*

Instructor

Lauren Headley *[Signature]*

Local Coordinator

Stacey Caston *[Signature]*

Stacey Caston, Director
National Highway Institute

Vincent DePianta, PE, CBI



National Highway Institute
Certificate of Training
Vincent DePianta, E.I.



has participated in

FHWA-NHI-130055 Safety Inspection of In Service Bridges

hosted by

Florida Department of Transportation

Date: April 27 - May 8, 2015 Hours of Instruction: 67

Location: Tampa Florida

Richard T. Herr, P.E.
Instructor

Richard T. Herr, P.E.
Local Coordinator

Valerie Briggs
Instructor

Valerie Briggs
Valerie Briggs, Director
National Highway Institute



National Highway Institute
Certificate of Training
Vincent DePianta



has participated in

FHWA-NHI-130078 Fracture Critical Inspection Techniques for Steel Bridges

hosted by

Florida Department of Transportation

Date: November 16-19, 2015 Hours of Instruction: 25

Location: Deland Florida

Celvin Harper, P.E.
Instructor

Richard T. Herr, P.E.
Local Coordinator

Valerie Briggs
Instructor

Valerie Briggs
Valerie Briggs, Director
National Highway Institute



National Highway Institute
Certificate of Training
Vincent DePianta



has participated in

NHI Course No. FHWA-NHI-130101

Introduction to Safety Inspection of In-Service Bridges - WEB-BASED

hosted by

National Highway Institute

Location: Web-Based Course

Hours of Instruction: 14 hours

Date: 11/26/2014

Valerie Briggs
Valerie Briggs, Director
National Highway Institute



National Highway Institute
Certificate of Training
Vincent J. DePianta, PE



has participated in

FHWA-NHI-130053 Bridge Inspection Refresher Training

hosted by

GPI | Greenman-Pedersen, Inc.

Date: March 23-25, 2021

Hours of Instruction: 18

Location: Virtual Delivery, NY

Calein A. MacDougall, P.E.
Instructor

Calein A. MacDougall, P.E.

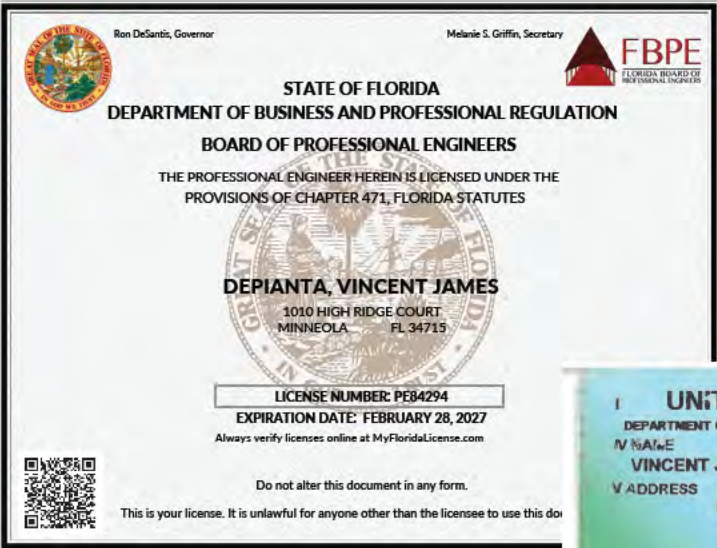
Local Coordinator

Thomas Harman
Instructor

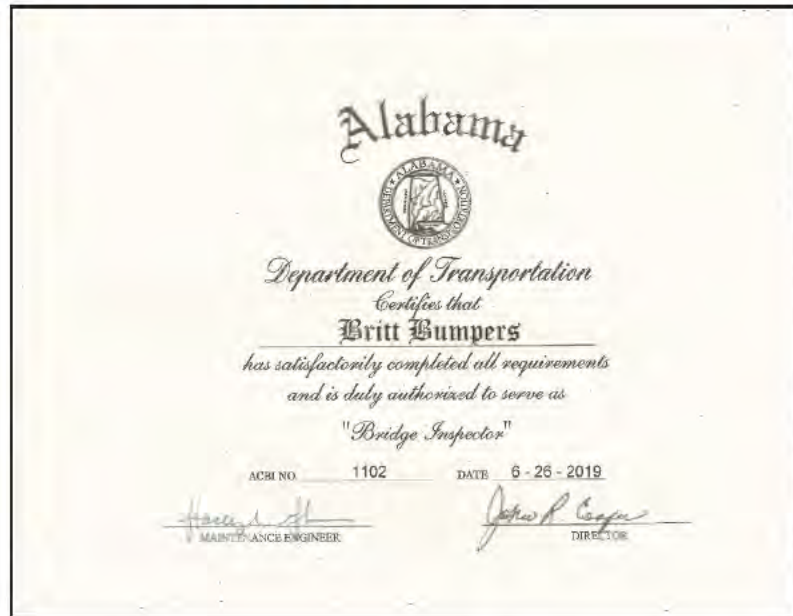
Thomas Harman

Thomas Harman, Director
National Highway Institute

Vincent DePianta, PE, CBI



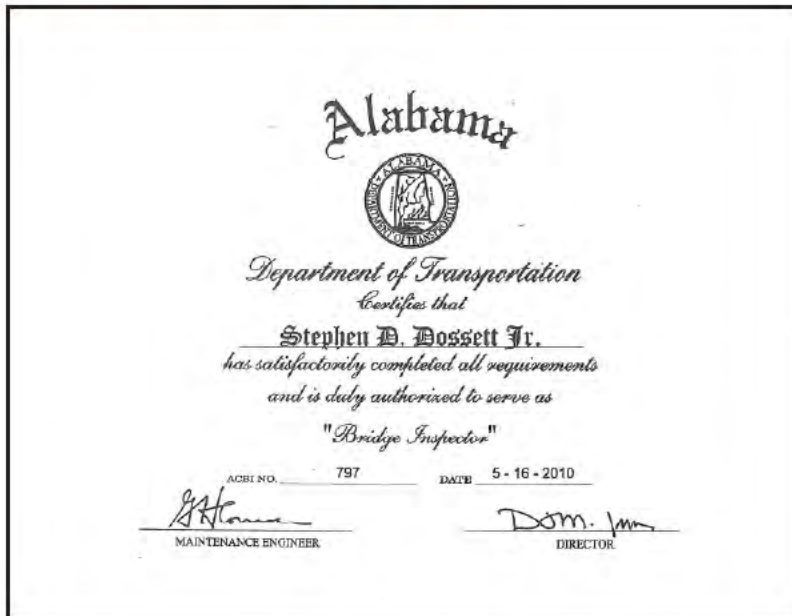
Britt Bumpers, PE, CBI



Britt Bumpers, PE, CBI



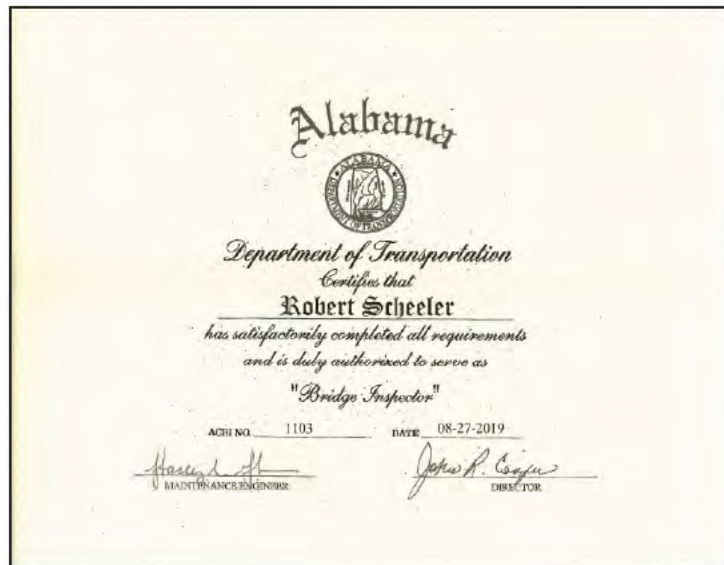
Stephen Dossett, PE, CBI



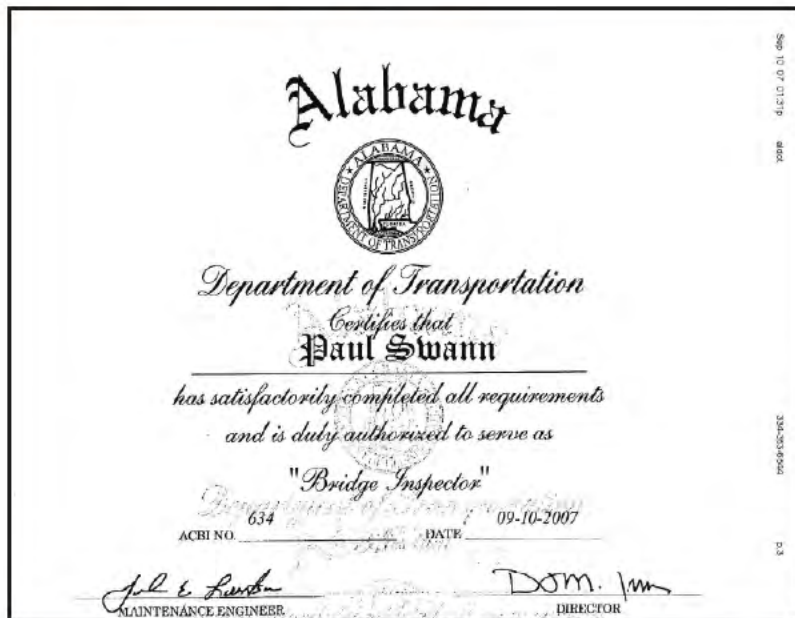
Stephen Dossett, PE, CBI



Robert Scheeler, PE, CBI



Matt Burnett, PE, CBI



Matt Burnett, PE, CBI



Matt Burnett, PE, CBI



National Highway Institute
U.S. Department of Transportation
Federal Highway Administration

Certificate of Training

Matthew Burnett
has participated in

FHWA-NHI-130110 Tunnel Safety Inspection
hosted by
Volkert, Inc.

Date: January 23-27, 2017
Location: Mobile, AL

Hours of Instruction: 32

Instructor: Thomas H. Ryan
Local Coordinator: Valerie Briggs, Director
National Highway Institute



National Highway Institute
U.S. Department of Transportation
Federal Highway Administration

Certificate of Training

Matt Burnett
has successfully completed

FHWA-NHI-130053 Bridge Inspection Refresher Training (SNBI)
hosted by
Office of State Aid Road Construction

Date: April 09-11, 2024
Location: Ridgeland, MS

Hours of Instruction: 22

Instructor: Stacey J. Caston
Local Coordinator: Stacey J. Caston, Director
National Highway Institute



National Highway Institute
U.S. Department of Transportation
Federal Highway Administration

Certificate of Training

Matthew D. Burnett
has participated in

FHWA-NHI-130091 Underwater Bridge Inspection
hosted by
National Highway Institute

Date: February 10-13, 2014
Location: New Orleans, LA

Hours of Instruction: 21

Instructor: Richard Barnaby, Director
National Highway Institute



National Highway Institute
U.S. Department of Transportation
Federal Highway Administration

Certificate of Training

Matt Burnett
has participated in

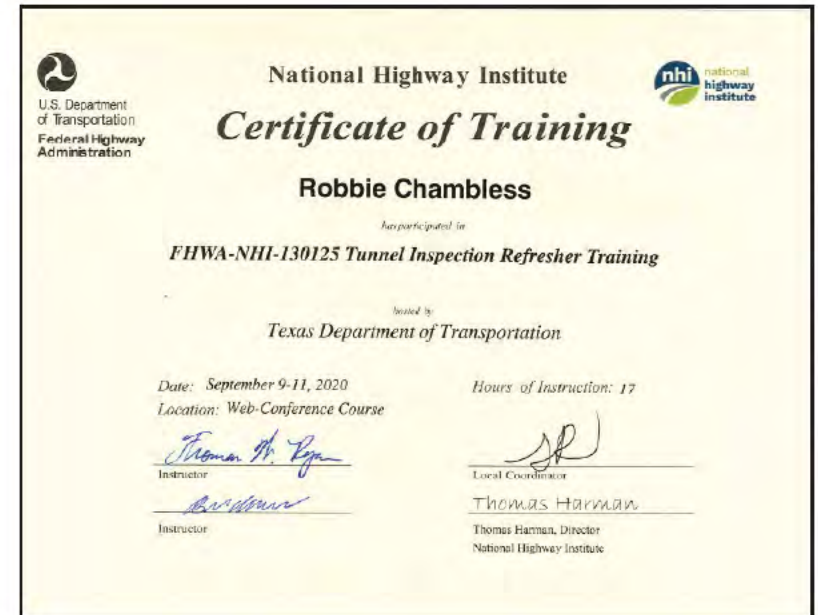
FHWA-NHI-130055: Safety Inspection of In-Service Bridges
hosted by
Alabama Department of Transportation

Date: September 20 – October 1, 2010
Location: Mobile, Alabama

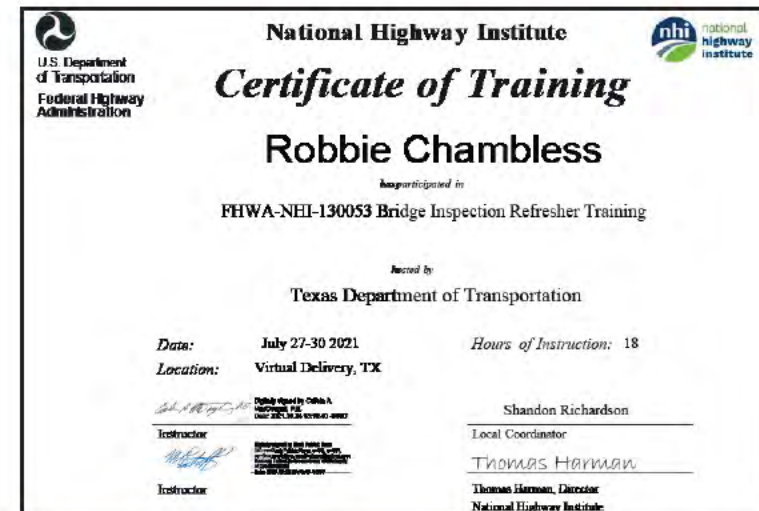
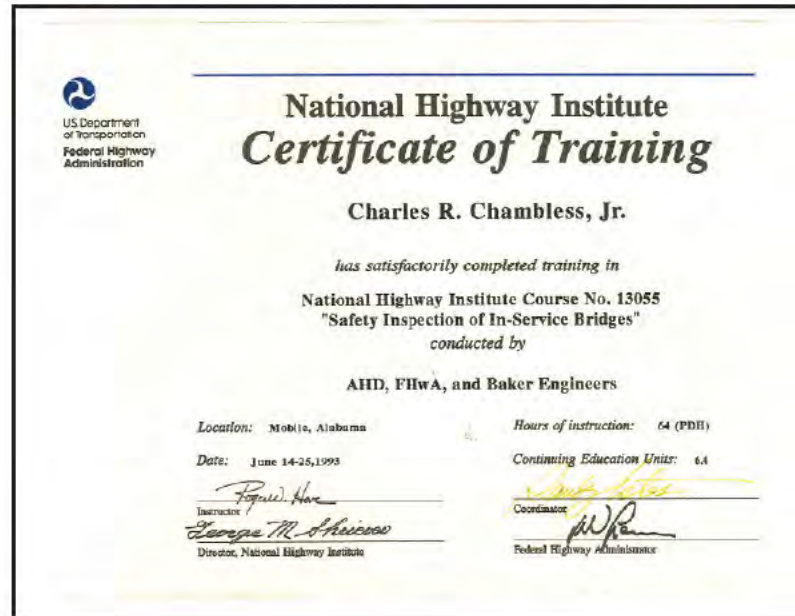
Hours of Instruction: 60

Instructor: Richard Barnaby, Director
National Highway Institute

Charles "Robbie" Chambless, CBI



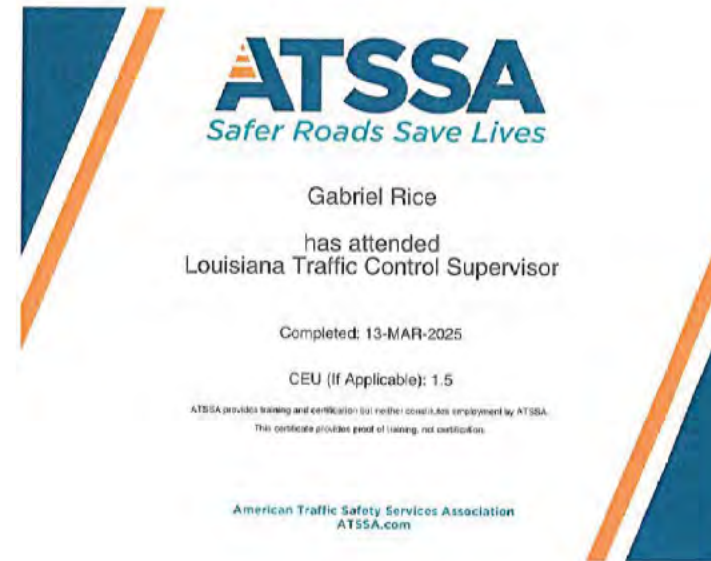
Charles "Robbie" Chambless, CBI



Corey Boss, CBI



Gabriel Rice, EI



Jonathan Gambino, PE, PTOE, RSP1



Angelo "Trey" Pecoraro, EI



Engineering Operations, LLC



SOCIETY OF PROFESSIONAL
ROPE ACCESS TECHNICIANS
Rope Access Certification



Acknowledges that

CADEN D'AOUST

has successfully completed the evaluation and written test
in accordance with SPRAT's Rope Access Certification Requirements
and is a certified

Level 1 Technician

SPRAT # 2301113
AWARDED: May 05, 2023
Expires: May 05, 2026

TRD
TRD, VA LUT ONE COMMITTEE CHAIR
RD
RICHARD D. AN Y, SPRAT PRESIDENT

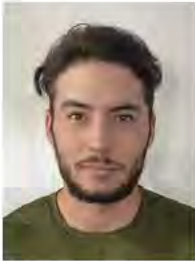
SPRAT's Technician Verification System may be used to verify the accuracy of data on this certificate.
©2022 - Present, Society of Professional Rope Access Technicians



Rope Access Certification
Level 1

William Gehry

SPRAT Certification # 2400504
Date of Birth: 25 JUL 1988
Certification Date: 23 FEB 2024
Expiration Date: 23 FEB 2027



SOCIETY OF PROFESSIONAL
ROPE ACCESS TECHNICIANS
Rope Access Certification



Acknowledges that

KARL DAVIS

has successfully completed the evaluation and written test
in accordance with SPRAT's Rope Access Certification Requirements
and is a certified

Level 1 Technician

SPRAT # 2301112
AWARDED: May 05, 2023
Expires: May 05, 2026

TRD
TRD, VA LUT ONE COMMITTEE CHAIR
RD
RICHARD D. AN Y, SPRAT PRESIDENT

SPRAT's Technician Verification System may be used to verify the accuracy of data on this certificate.
©2022 - Present, Society of Professional Rope Access Technicians



Rope Access Certification
Level 2

Jonathan Ivey

SPRAT Certification # 181290
Date of Birth: 12 JUN 1990
Certification Date: 23 FEB 2024
Expiration Date: 28 JUN 2027



SOCIETY OF PROFESSIONAL
ROPE ACCESS TECHNICIANS
Rope Access Certification



Acknowledges that

MICHAEL STEVEN O'HARA

has successfully completed the evaluation and written test
in accordance with SPRAT's Rope Access Certification Requirements
and is a certified

Level 3 Technician

SPRAT # 190932
AWARDED: 02 February, 2024
Expires: 12 March, 2027

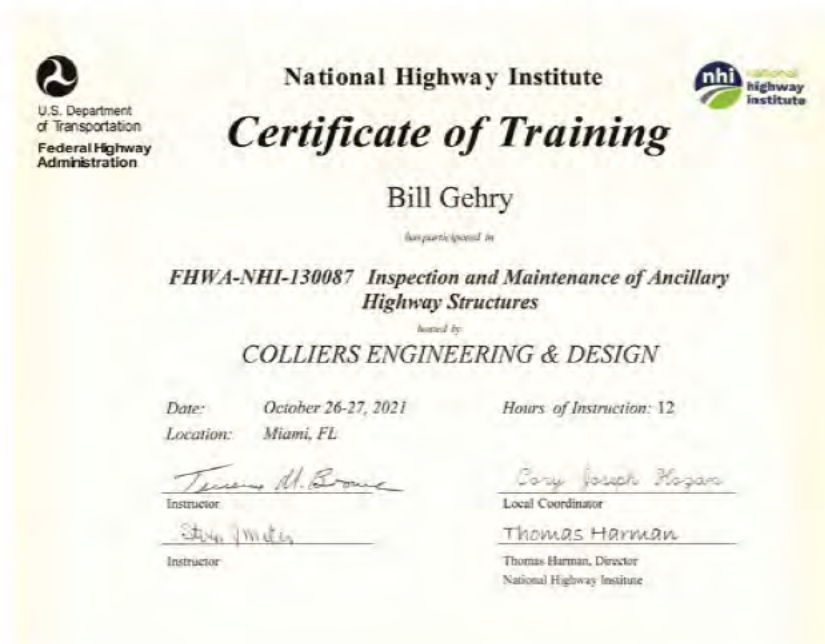
DAVIDE SANTORI
DAVIDE SANTORI, EVALUATIONS COMMITTEE CHAIR
RD
RICHARD DELANEY, SPRAT PRESIDENT

SPRAT's Technician Verification System may be used to verify the accuracy of data on this certificate.

Engineering Operations, LLC



Engineering Operations, LLC



Engineering Operations, LLC



Engineering Operations, LLC



National Highway Institute Certificate of Training

Connor Kenney

has Successfully Completed

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

hosted by

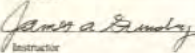
Colorado Department of Transportation

Date: July 18-29, 2022

Location: Denver, CO

Hours of Instruction: 67


Instructor


Instructor


Local Coordinator

Thomas Harman, Director
National Highway Institute



Engineering Operations, LLC



National Highway Institute



Certificate of Training

Samuel Williams

has participated in

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

hosted by
Texas Department of Transportation

Date: February 06 - 17, 2017

Location: Austin, Texas

Guy R. Lang PE
Instructor

Randy L. Lantz PE
Instructor

Hours of Instruction:

67

Valerie Briggs
Local Coordinator

Valerie Briggs
Valerie Briggs, Director
National Highway Institute



U.S. Department
of Transportation
Federal Highway
Administration

National Highway Institute



Certificate of Training

Samuel Williams

has participated in

NHI Course No. FHWA-NHI-135087

Scour at Highway Bridges: Concepts and Definitions (Prerequisite) WEB-BASED

hosted by

National Highway Institute

Location: Web-Based Course

Hours of Instruction: 1 hours

Date: 11/9/2018

Valerie Briggs

Valerie Briggs, Director
National Highway Institute



National Highway Institute



Certificate of Training

Samuel Williams

has successfully completed

FHWA-NHI-130053 Bridge Inspection Refresher Training

hosted by
Kansas Department of Transportation

Date: December 07-09, 2011

Location: Topeka, KS

Thomas H. Harris
Instructor

Thomas H. Harris
Instructor

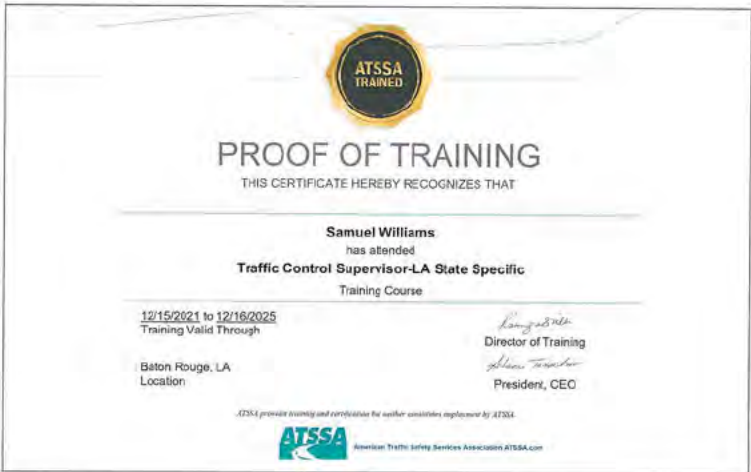
Hours of Instruction: 18

Thomas H. Harris
Local Coordinator

THOMAS HARRIS

Thomas H. Harris, Director
National Highway Institute

Engineering Operations, LLC



Engineering Operations, LLC



Engineering Operations, LLC



National Highway Institute Certificate of Training



Jonathan Ivey

has Successfully Completed

Bridge Inspection Refresher Training NHI

hosted by

Washington State Department of Transportation
Local Programs LTAP Center

Date: February 28, 2023-March 2, 2023

Hours of Instruction: 18 hours

Location: Moses Lake, Washington

[Signature]
Instructor

[Signature]
Instructor

[Signature]
Local Coordinator

Thomas Harman
Thomas Harman, Director
National Highway Institute



Engineering Operations, LLC



Engineering Operations, LLC



National Highway Institute

Certificate of Training

Kyle Rankin

has participated in

FHWA-NHI-130087 Inspection and Maintenance of Ancillary Highway Structures


hosted by

Kisinger Campo & Associates Corp.


Date: August 01-02, 2019

Hours of Instruction: 12

Location: Tampa, FL


Instructor


Local Coordinator


Instructor


Michael Davis, Director
National Highway Institute



National Highway Institute

Certificate of Training

Kyle Rankin

has participated in

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


hosted by

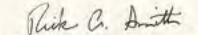
Georgia Department of Transportation


Date: April 8 - 19, 2013


Hours of Instruction: 67

Location: Atlanta, Georgia


Instructor


Local Coordinator


Instructor


Richard J. Barnaby, Director
National Highway Institute



National Highway Institute

Certificate of Training

Kyle Rankin

has Successfully Completed

FHWA-NHI-130053 Bridge Inspection Refresher Training (SNBI)

hosted by

Ayres Associates

Date: March 19-21, 2024

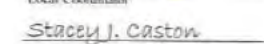
Hours of Instruction: 22

Location: Tampa, FL


Instructor


Local Coordinator


Instructor


Stacey J. Caston, Director
National Highway Institute



Engineering Operations, LLC



U.S. Department
of Transportation
Federal Highway
Administration

National Highway Institute



Certificate of Training

Taylor White

has Successfully Completed

FHWA-NHI-130053 Bridge Inspection Refresher Training

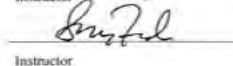
hosted by

Volkert, Inc.

Date: January 25-27, 2022
Location: Tampa, FL

Hours of Instruction: 18


Instructor


Instructor


Local Coordinator

THOMAS HARMAN
Thomas Harman, Director
National Highway Institute



U.S. Department
of Transportation
Federal Highway
Administration

National Highway Institute



Certificate of Training

Taylor White

has participated in

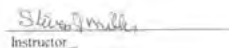
FHWA-NHI-130087 Inspection and Maintenance of Ancillary Highway Structures

provided by

Kisinger Canipo & Associates Corp.

Date: August 01-02, 2019
Location: Tampa, FL

Hours of Instruction: 12


Instructor


Instructor


Local Coordinator

Michael Davies
Michael Davies, Director
National Highway Institute

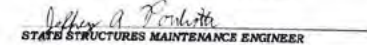
Certified Bridge Inspector

Whereas **Kyle Rankin** has shown competency and fitness to conduct bridge inspection as set forth in the National Bridge Inspection Standards and Florida Statute 335.074 Bridge Inspection Standards,

Therefore, under the authority granted by Chapter 14-48 Florida Administrative Code, the State of Florida Department of Transportation hereby issues this certificate numbered **00535** as provided by law and object to the powers or revocation vested in said Department on this **27th** day of **October 2014**, A.D.




BRIDGE MANAGEMENT INSPECTION ENGINEER


STATE STRUCTURES MAINTENANCE ENGINEER

CERTIFICATE OF TRAINING

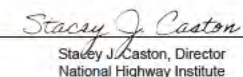
Jacob Snipes

has successfully completed

Inspection of Ancillary Highway Structures

Date: 11/27/2024
Location: Web-based training

Instructional Hours: 4


Stacey J. Caston, Director
National Highway Institute

VOLKERT

Engineering Operations, LLC



U. S. DEPARTMENT
OF TRANSPORTATION

Federal Highway
Administration

Pennsylvania Division
DEC 28 2006

Pennsylvania Basic Bridge Safety
Inspection Training Course
Qualification

Mr. M. G. Patel, P.E.
Chief Engineer for Highway Administration
Pennsylvania Department of Transportation
Harrisburg, Pennsylvania

ATTN: Mr. Scott Christie, P.E.

Dear Mr. Patel:

Mr. Dean Schreiber, of your staff, had requested FHWA's approval of Pennsylvania's Basic Bridge Safety Inspection Training Course with an April 13, 2005 letter outlining the Department's implementation of the new National Bridge Inspection Standards Regulation. We are now able to qualify and approve Pennsylvania's course: (1.) as "comprehensive," meeting the intent of the NBIS and (2.) as equivalent to the National Highway Institute's Course Number 130055, "Safety Inspection of In-Service Bridges."

Pennsylvania's Basic Bridge Safety Inspection Training Course takes, as its primary instructional text, the NHI "Bridge Inspector's Reference Manual." This is supplemented by a course workbook, and Pennsylvania Bridge Management System coding documents and inspection policy. Bridge Safety Inspectors, with an adequate background in engineering concepts (see NHI Course 130054), who have attended and passed the Department's basic course will be considered by FHWA as meeting the primary qualifications to inspect highway bridges and culverts and rate their NBIS condition. Official qualification will be effective for two years in Pennsylvania and will be renewed by PennDOT upon successful completion of subsequent refresher courses tailored to Pennsylvania's bridge inventory and inspection practices.



FILE

ec transmission by	date
RAR	12-28-06

220 Walnut Street, Room 509
Harrisburg, PA 17101-1726

In reply refer to:
HBR-PA

RTG SYMBOL	HBR-PA
INITIALS/SIG	
DATE	
RTG SYMBOL	HIS-PA
INITIALS/SIG	RSM
DATE	12/28/06
RTG SYMBOL	
INITIALS/SIG	
DATE	

Certified Bridge Inspector

Whereas **Joseph Taylor White** has shown competency and fitness to conduct bridge inspection as set forth in the National Bridge Inspection Standards and Florida Statute 335.074 Bridge Inspection Standards,

Therefore, under the authority granted by Chapter 14-48 Florida Administrative Code, the State of Florida Department of Transportation hereby issues this certificate numbered **00508** as provided by law and object to the powers or revocation vested in said Department on this **30th** day of **April 2012**, A.D.



Robert J. Kim
BRIDGE MANAGEMENT INSPECTION ENGINEER

Jeffrey A. Poullet
STATE STRUCTURES MAINTENANCE ENGINEER



U.S. Department
of Transportation
Federal Highway
Administration

National Highway Institute



Certificate of Training

Lucas Waldron

has successfully completed

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

hosted by

Utah Department of Transportation

Date: July 8-19, 2024

Hours of Instruction: 68

Location: Salt Lake City, UT

Bryan Spangler Digitally signed by Bryan Spangler
Date: 2024.08.08 09:32:41 -0400

Jeremiah Irick

Instructor

Local Coordinator

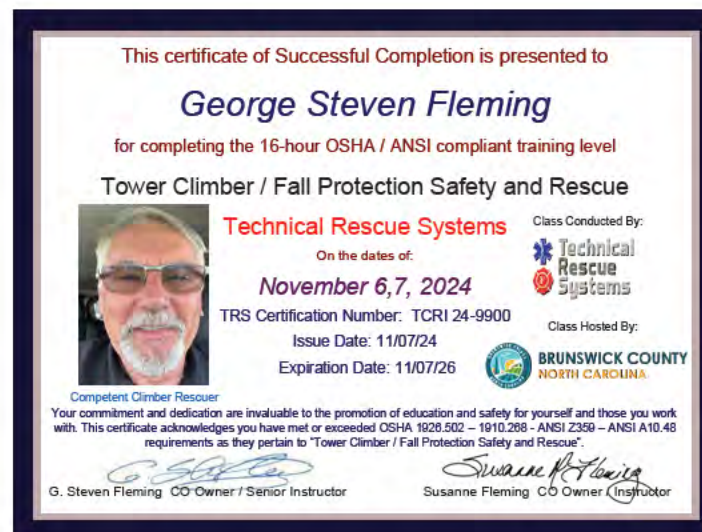
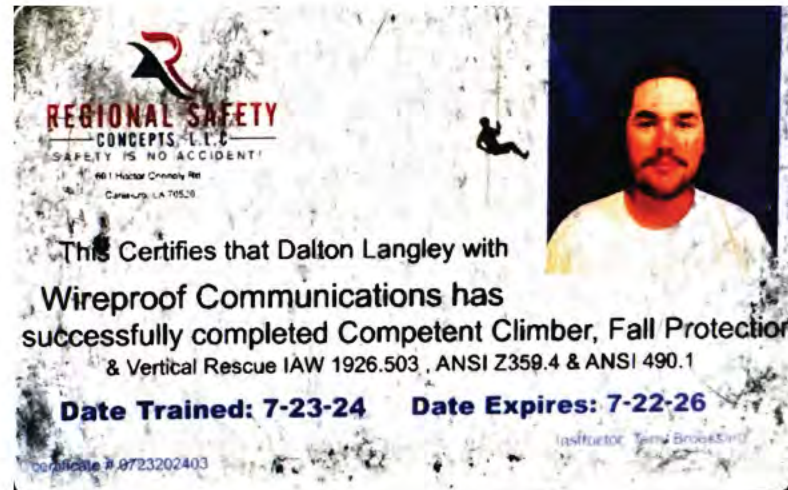
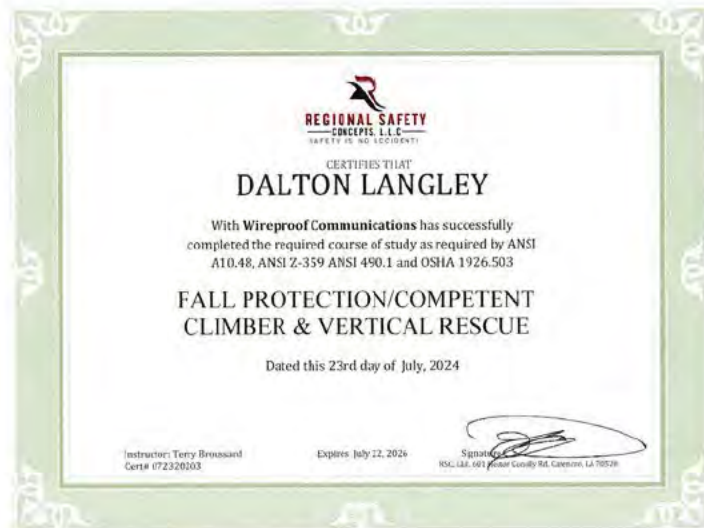
Andy Fickett Digitally signed by Andy Fickett
Date: 2024.08.08 09:52:35 -0400

Stacey Caston

Instructor

Stacey Caston, Director
National Highway Institute

Wireproof Communications, LLC



Wireproof Communications, LLC



TOWER SAFETY

ACKNOWLEDGES THAT

George Fleming

Has Successfully Completed the Course

CELL TOWER INSPECTION

TIA 322, TIA 222, TIA 1019

Tower Safety

Kathy Gill
CEO

3212 S. 36th Street
Phoenix, AZ 85040
info@towersafety.com



Good for 2 years after
completion date

06/25/2023
101513733

Technical Rescue Systems



FAA
Aviation Safety

Certificate of Achievement

This is to certify that

George Steven Fleming

has successfully completed the
FAA Safety Team Aviation Learning Center Online
Course

Part 107 Small Uas Initial - Part 61 Pilots

Course Number ALC-451

Presented by FAASTeam

October 9, 2023

Certificate Number 0830092-20231009-00451

Patricia Matthes
Patricia Matthes, Manager, National FAA Safety Team

JPF CONSULTING GROUP

THIS IS TO CERTIFY THAT

Tom Ribando
Emp #: J.R.-8031

HAS SUCCESSFULLY COMPLETED THE
REQUIREMENTS FOR

*Fall Protection/Competent Climber
Vertical Rescue
(29 CFR 1926.500, 503 & ANSI Z-359)*

Date of Class: 7/14/24

Date of Exp: 7/14/27

Elite Communication Services

John Faciane
INSTRUCTOR

7/14/27
DATE

JPF Consulting
Group

Wireproof Communications, LLC



26-607331847

This card acknowledges that the recipient has successfully completed:

30-hour Construction Safety and Health

This card issued to:

THOMAS RIBANDO

Curtis Eugene Chambers
Trainer Name

04/22/2021
Date of Issue

Scanned with CamScanner

The University of Texas at Arlington



866-906-9190
www.uta.edu/ded/osha

OSHA recommends Outreach Training Courses as an orientation to occupational safety and health for workers. Participation is voluntary. Workers must receive additional training on specific hazards of their job. This course completion card does not expire.

Use or distribution of this card for fraudulent purposes, including false claims of having received training, may result in prosecution under 18 U.S.C. 1001. Potential penalties include substantial criminal fines, imprisonment up to 5 years, or both.

To verify this training, scan the QR code with your mobile device.



Rev. 1/2016

Scanned with CamScanner



CERTIFICATE OF COMPLETION

SAFETY LMS CERTIFIES THAT
EMPLOYEE NAME COMPANY NAME

Thomas Ribando Sr.

Apex NCT

HAS SUCCESSFULLY COMPLETED A COURSE IN

Fundamentals of RF/EME Radiation

Safety LMS
INSTRUCTOR

09/09/2023
DATE OF COMPLETION



B0923-85409
CERTIFICATE NUMBER

09/09/2025
CERTIFICATE EXPIRATION DATE



NWSA CERTIFIED
Telecommunications Technician

Certification #: 2106506556

Certification Designations:
TTT-1



Issued to: **THOMAS L. RIBANDO SR.**

Issued: 06/30/2021

Expires: 06/30/2026

Donald T. Doty, President, NWSA Board of Directors

National Wireless Safety Alliance

04/17/25



wireproof communication

Became a member of the Avetta Consortium on:

09/18/24

This document certifies that the company above is a Member of the Avetta Consortium. Being an Avetta Consortium Member signifies that you are part of a global effort to advance company and worker safety, sustainability, and operational excellence. Consortium Members represent a pursuit of excellence in delivery, safety and sustainability.

Arshad Matin

Arshad Matin, President and CEO



Taylor Allis

Taylor Allis, Chief Product Officer

Wireproof Communications, LLC



Volkert, Inc. Firm Licenses

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

Name:

Public Address:

Volkert, Inc.

P. O. Box 7434

Mobile, Alabama 36670

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0002500	Active	03/28/2000	09/30/2026	Mr. Stephen Pence Heraty # PE.0031272 ; Ms. Janet Leigh Evans # PE.0021307

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

Name:

Public Address:

Volkert, Inc.

P. O. Box 7434

Mobile, Alabama 36670

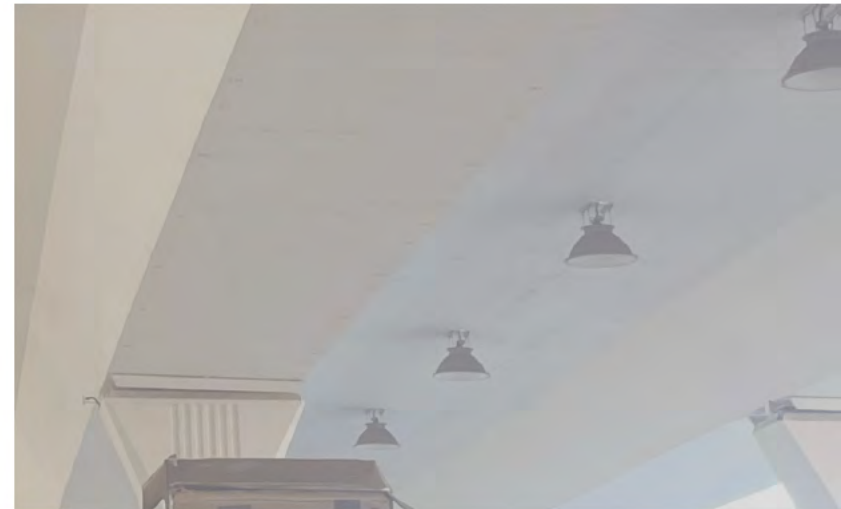
License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
VF.0000869	Active	12/13/2021	03/31/2026	Mr. Randy Alan Denmon # PLS.0004798

SECTION 21

QA/QC PLAN AND/OR WORK PLAN
(NOT REQUIRED)

VOLKERT



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



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
Engineering Operations LLC	27350 U.S. Hwy. 190 Lacombe, LA, 70445	Samuel Williams swilliams@eopsco.com	985.276.7803
Wireproof Communications, LLC	15 Service Rd. Laurel, MS 39443	Wayne Kairdolf wayne@wireproof.com	318.229.2888

State of
Louisiana
Secretary of
State



COMMERCIAL DIVISION
225.925.4704

Fax Numbers
225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)

Name	Type	City	Status
ENGINEERING OPERATIONS LLC	Limited Liability Company (Non-Louisiana)	LITTLETON	Active

State of
Louisiana
Secretary of
State



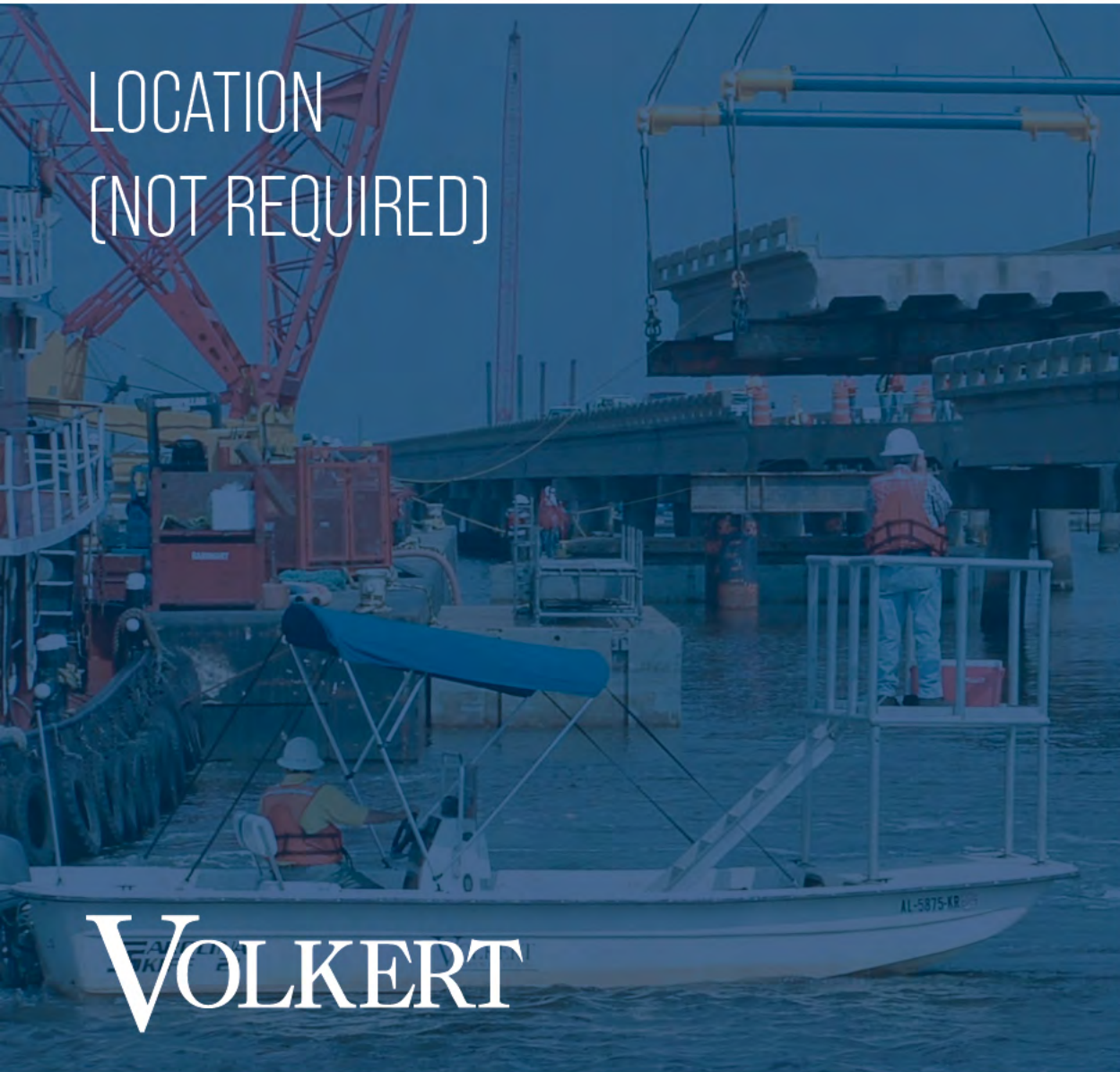
COMMERCIAL DIVISION
225.925.4704

Fax Numbers
225.932.5317 (Admin. Services)
225.932.5314 (Corporations)
225.932.5318 (UCC)

Name	Type	City	Status
WIREFPROOF COMMUNICATIONS, LLC	Limited Liability Company (Non-Louisiana)	LAUREL	Active

SECTION 23

LOCATION
(NOT REQUIRED)



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.