

REQUEST FOR ENGINEERING AND RELATED SERVICES ENTITY CONTRACT FOR CONG RELIEF WINFIELD ROAD, BOSSIER PARISH

CONTRACT NO. 4400027600 | STATE PROJECT NO. H.003855.5 | FEDERAL AID PROJECT NO. H003855



VOLKERT



DOTD
LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

Volkert, Inc.
114 Venable Lane
Monroe, LA 71203
318.388.1422
www.volkert.com

VOLKERT

August 17, 2023

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

**RE: Engineering & Related Services - Entity Contract for Cong Relief Winfield Road (Bossier Parish)
Contract No. 4400027600, State Project No. H.003855.5, F.A.P. NO. H003855**

Dear Mr. Gorbaty,

Volkert, Inc. is pleased to submit on the **Engineering & Related Services - Entity Contract for Cong Relief Winfield Road (Bossier Parish)** advertisement. Volkert staff has worked on this project for almost 10 years as subconsultant on the Line and grade and the environmental document. We have read the advertisement, through addendum 2, and have tailored this proposal to the services required, including roadway, bridge design, survey and geotechnical engineering which are included in the advertisement, and additional value added services which the Parish may need to complete this project to bid. These value added services include traffic engineering, (access management/left turn lane queuing, environmental (permitting) and the provision for a project hydraulic study as referenced in the Environmental Document Commitments.

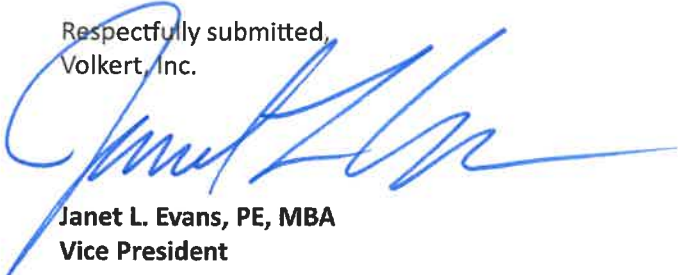
Volkert is a full-service engineering firm with the depth of staff to provide all services required for the completion except for the geotechnical engineering. We selected EJES, Inc. to provide support by providing work in connection with the summary of estimated quantities, development of drainage area maps, sequence of construction, temporary erosion control, geometric details striping details, cost estimating or QA/QC. We anticipate that we can easily make the 4% DBE goal or more. We have a great working relationship with EJES's staff as we are working on several other projects with them currently. Terracon Consultants, Inc. will be providing the geotechnical work as needed. We have also added NTB Associates, Inc. to our team to provide survey services as needed.

The Volkert staff has been working for and is known to the Parish. We have other on-going projects including roadway work, IJJA off system bridges, sewer and water work. The administration knows that this is work that Volkert can do with our local staff. Our work breakdown shows Volkert performing approximately 90% of this project.

The personnel shown in this proposal are available and are properly licensed and certified as required by the State of Louisiana.

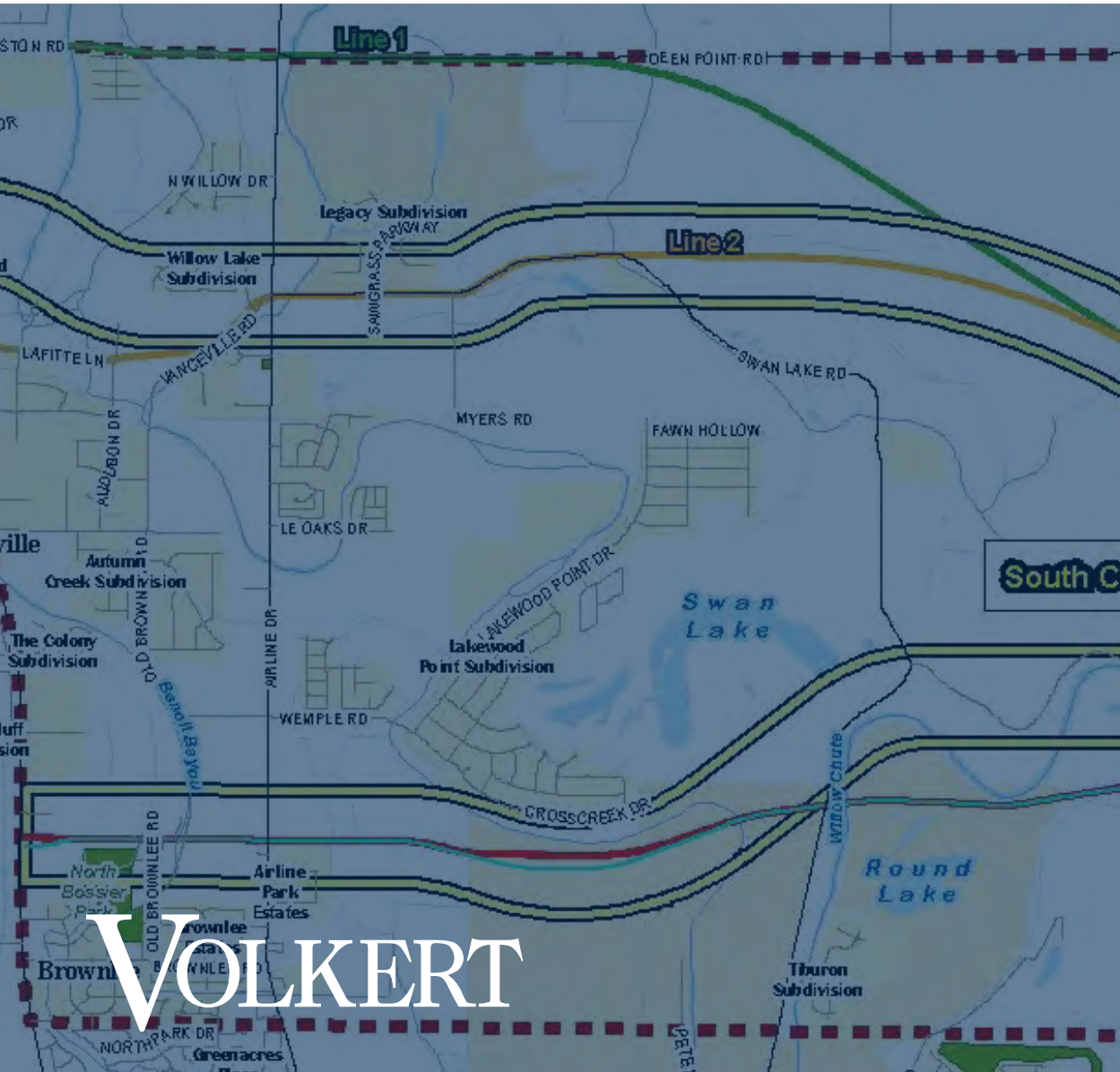
I am authorized to bind the company under this contract and I look forward to discussing this opportunity in greater detail; you can reach me at the contact information below with any comments or questions.

Respectfully submitted,
Volkert, Inc.



Janet L. Evans, PE, MBA
Vice President

DOTD FORM: 24-102



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

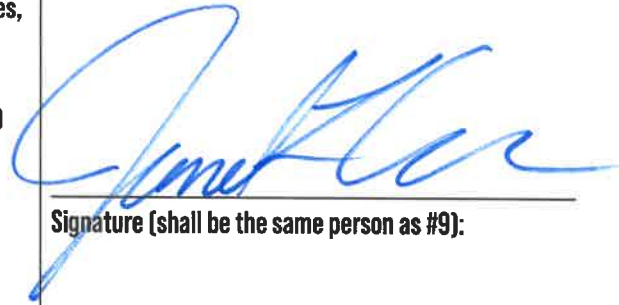
Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.

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

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

1. Contract title as shown in the advertisement	Entity Contract For Cong Relief Winfield Road
2. Contract number(s) as shown in the advertisement	4400027600
3. State Project Number(s), if shown in the advertisement	H.003855.5
4. Prime consultant name (as registered with the Louisiana Secretary of State where such registration is required by law)	Volkert, Inc.
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	Louisiana License: EF.0002500 Louisiana License: VF.0000869
6. Prime consultant mailing address	9448 Brookline Ave, Baton Rouge, Louisiana 70809
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	114 Venable Lane, Monroe, LA 71203
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Janet L. Evans, PE, 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, Vice President 225-218-9440; Jan.evans@volkert.com
10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will,	

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



Signature (shall be the same person as #9):

August 17, 2023

Date:

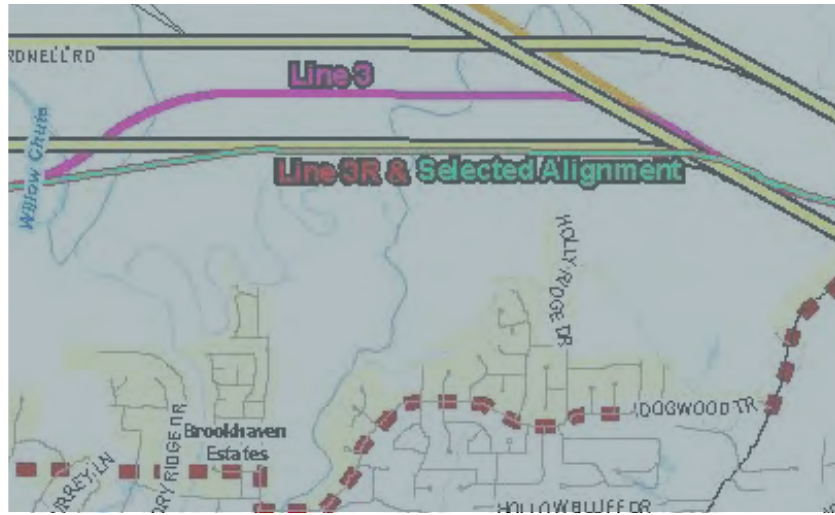
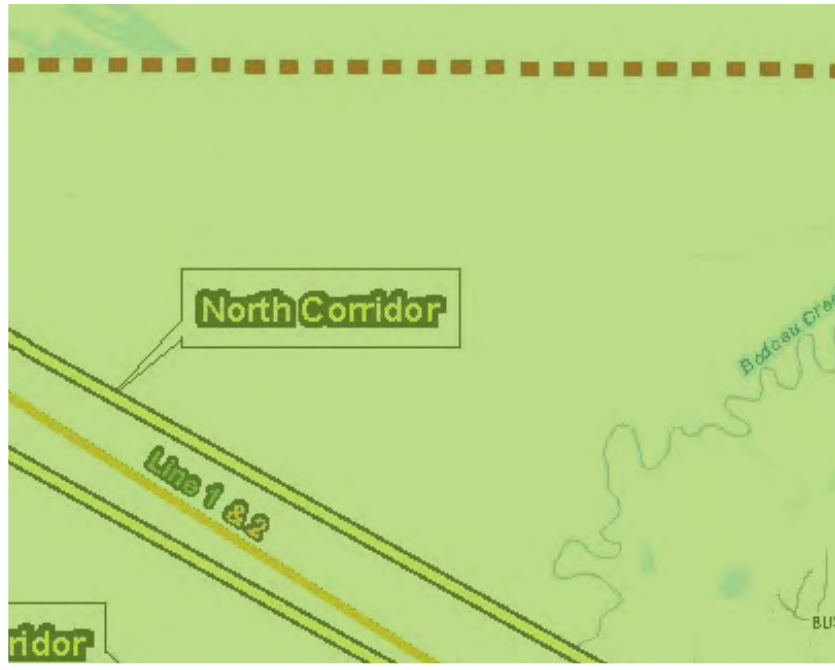
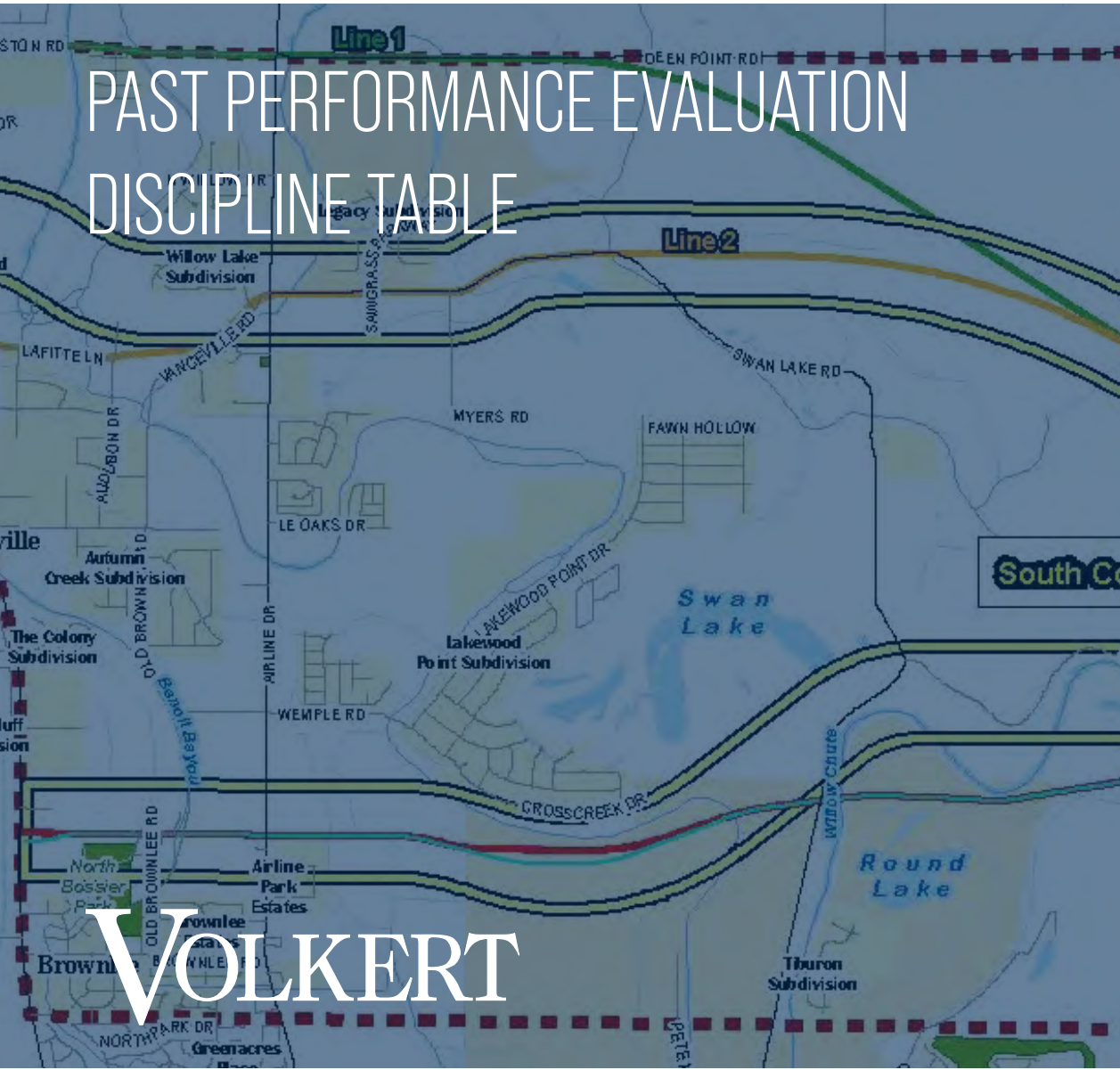
11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.

Firm(s): EJES, Inc.

Firm(s)' %: 6.8

SECTION 12

PAST PERFORMANCE EVALUATION DISCIPLINE TABLE



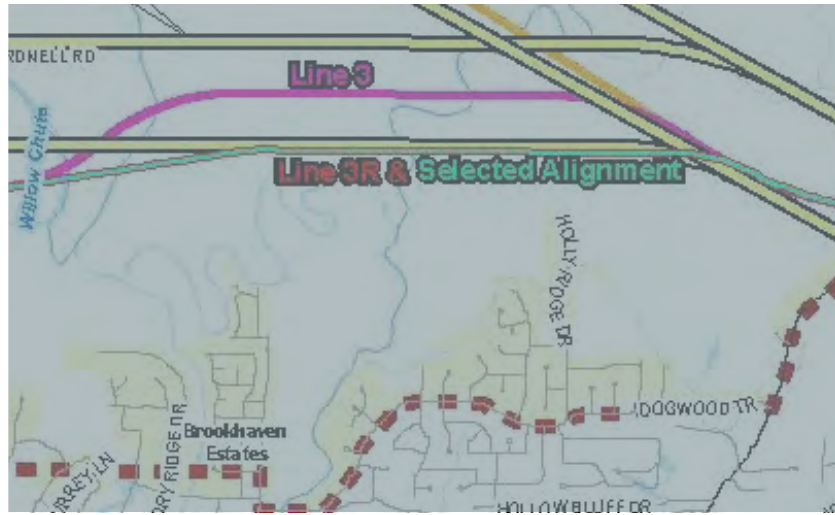
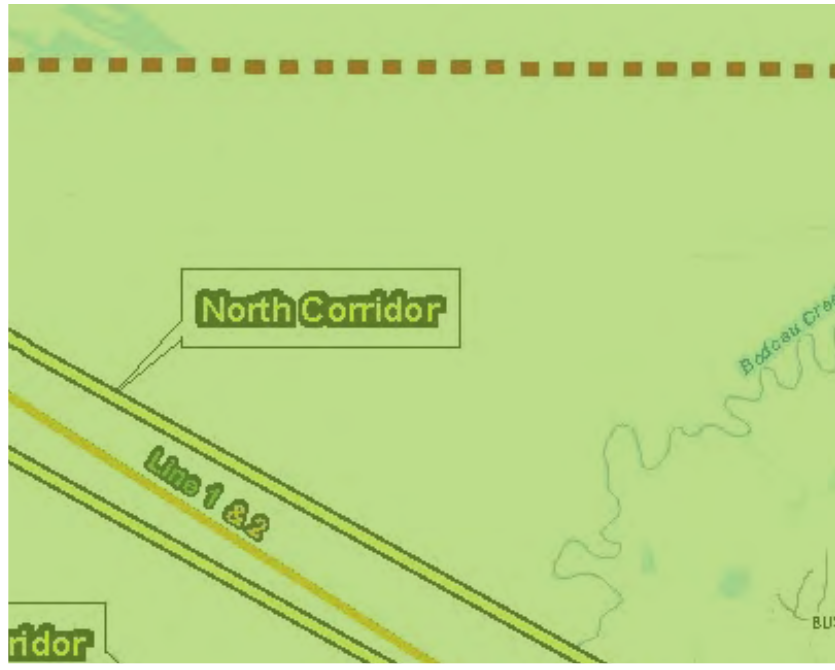
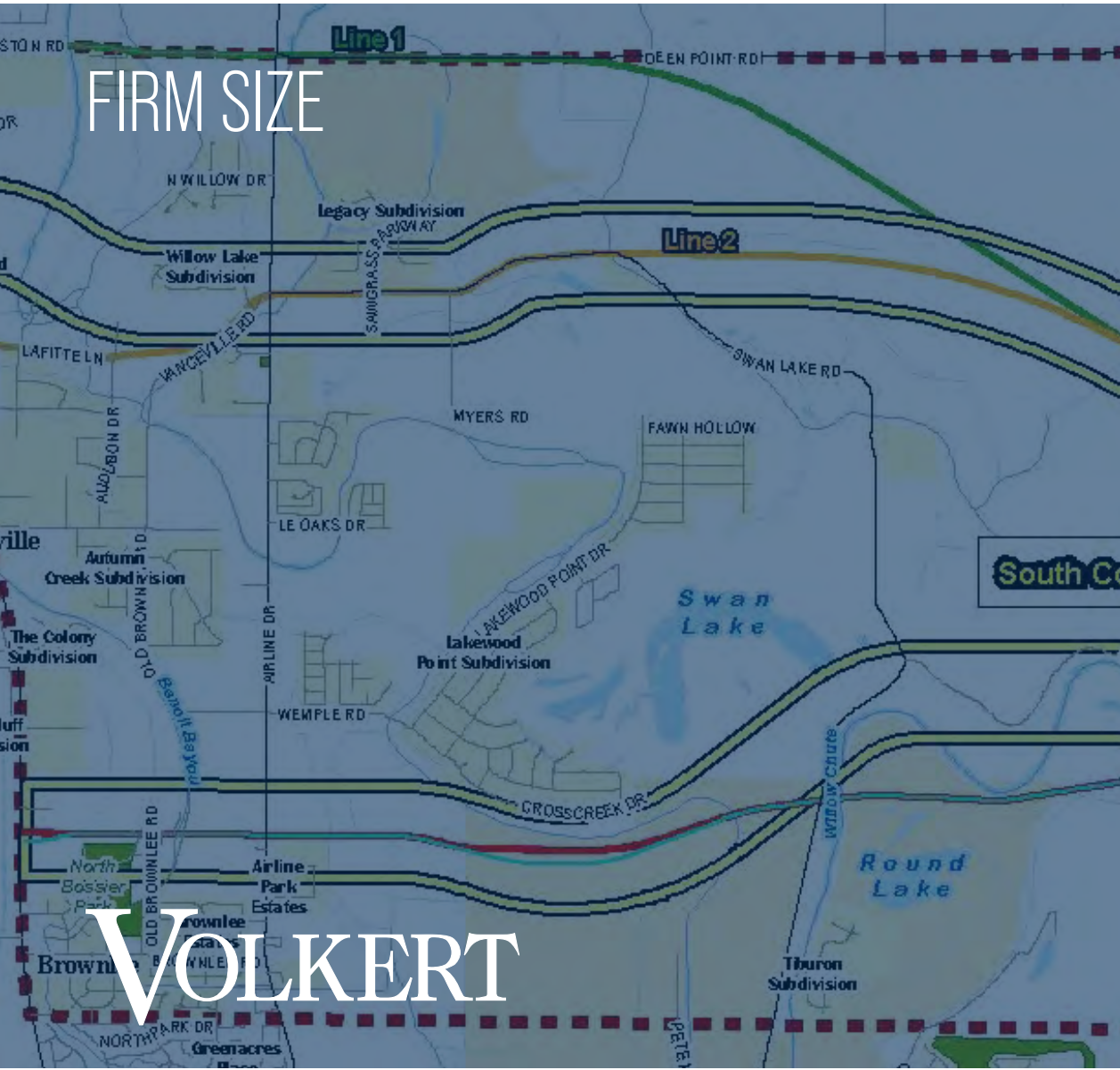
12. Past Performance Evaluation Discipline Table:

As indicated in the advertisement, insert the completed table here. The percentages for the prime and sub-consultants must total 100% for each past performance evaluation discipline, as well as the overall total percent of the contract. The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CEGI/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other. The crosswalk from the old categories to the new categories can be found at the link below:
http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/General%20Information/CPPR%20Crosswalk%20to%20New%20Evaluation%20Disciplines.pdf. [same link as in the advertisement]

Past Performance Rating Categories**	% of Overall Contract	Volkert	EJES	Terracon	NTB	Each Discipline Must Total to 100%
Road	34%	80%	20%	0%	0%	100%
Bridge	35%	100%	0%	0%	0%	100%
Traffic	3%	100%	0%	0%	0%	100%
Survey	20%	0%	0%	0%	100%	100%
Geotech	5%	0%	0%	100%	0%	100%
Environmental	3%	100%	0%	0%	0%	100%
Identify the percentage of work for the <u>overall contract</u> to be performed by the prime consultant and each sub-consultant.						
Percent of Contract	100.0%	68.2%	6.8%	5.0%	20.0%	

SECTION 13

FIRM SIZE

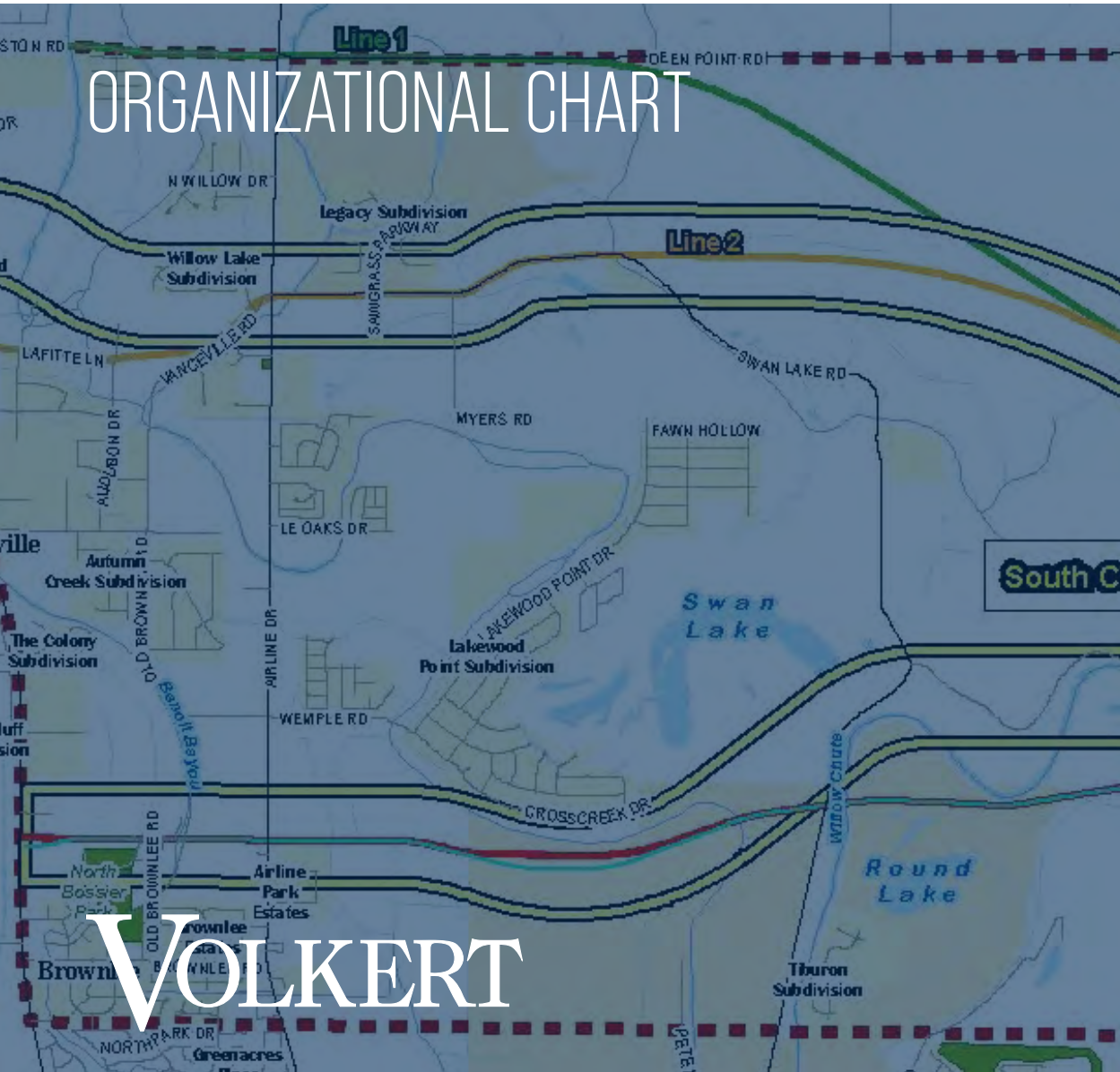


13. For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included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

Firm Name	DOTD Job Classification	Number of Personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
Volkert, Inc.	Principal	1	0
Volkert, Inc.	Supervisor - Eng	3	37
Volkert, Inc.	Engineer	8	84
Volkert, Inc.	Surveyor	1	0
Volkert, Inc.	Environmental Pro	1	0
Volkert, Inc.	Environmental Manager	1	0
Volkert, Inc.	Engineer Intern	1	3
Volkert, Inc.	CADD Technician	2	0
Terracon Consultants, Inc.	Principal	1	2
Terracon Consultants, Inc.	Supervisor - Eng	1	4
Terracon Consultants, Inc.	Engineer	2	3
Terracon Consultants, Inc.	Supervisor - Other (Drilling and Laboratory Manager)	2	3
Terracon Consultants, Inc.	Technician (Lab and Field)	6	8
EJES, Inc.	Engineer	1	3
EJES, Inc.	Engineer Intern	1	3
NTB Associates, Inc.	Principal	1	1
NTB Associates, Inc.	Surveyor	3	5
NTB Associates, Inc.	Technician	1	1
NTB Associates, Inc.	Party-Chief	1	15

SECTION 14

ORGANIZATIONAL CHART



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 114 Venable Lane, Monroe, LA 71203.

Minimum Personnel Requirement Nos.

FIRM LEGEND

Volkert, Inc.

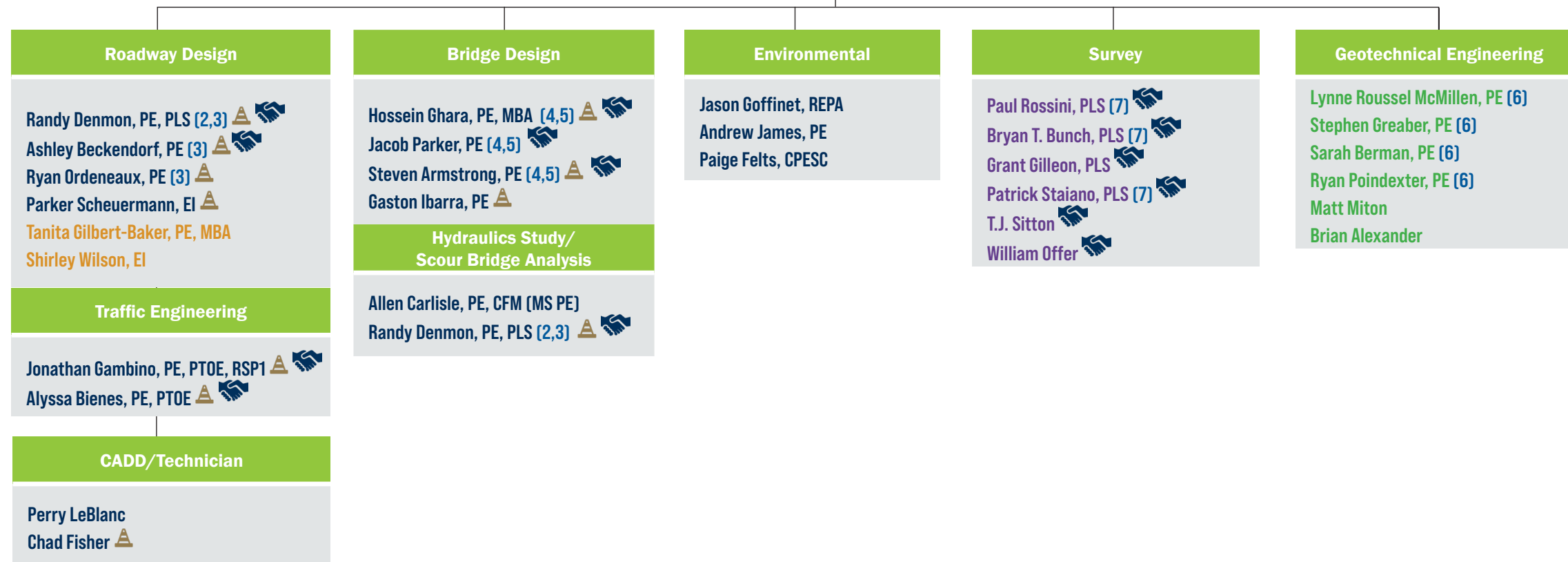
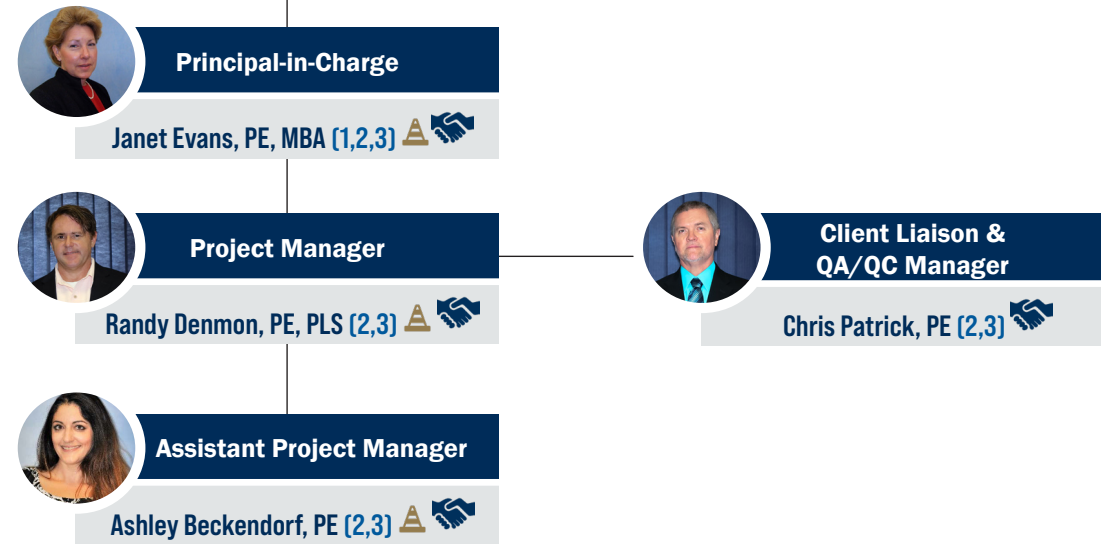
Terracon

EJES

NTB Associates, Inc.

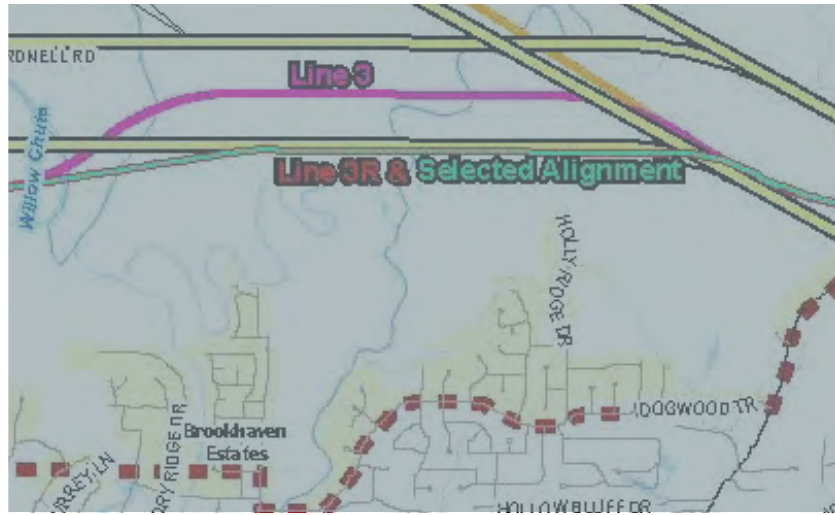
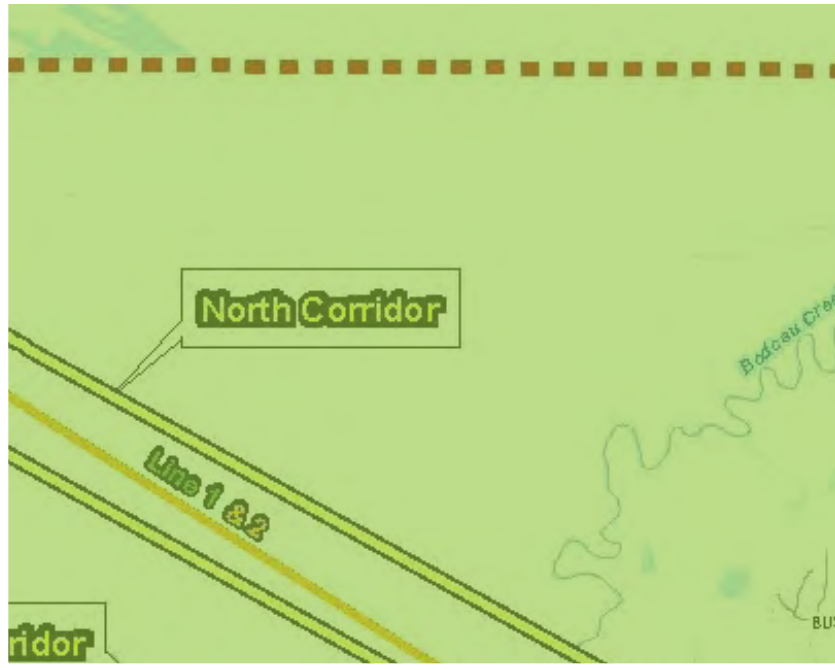
 Work Zone Training

 Bossier Parish Project Experience



SECTION 15

MINIMUM PERSONNEL
REQUIREMENTS



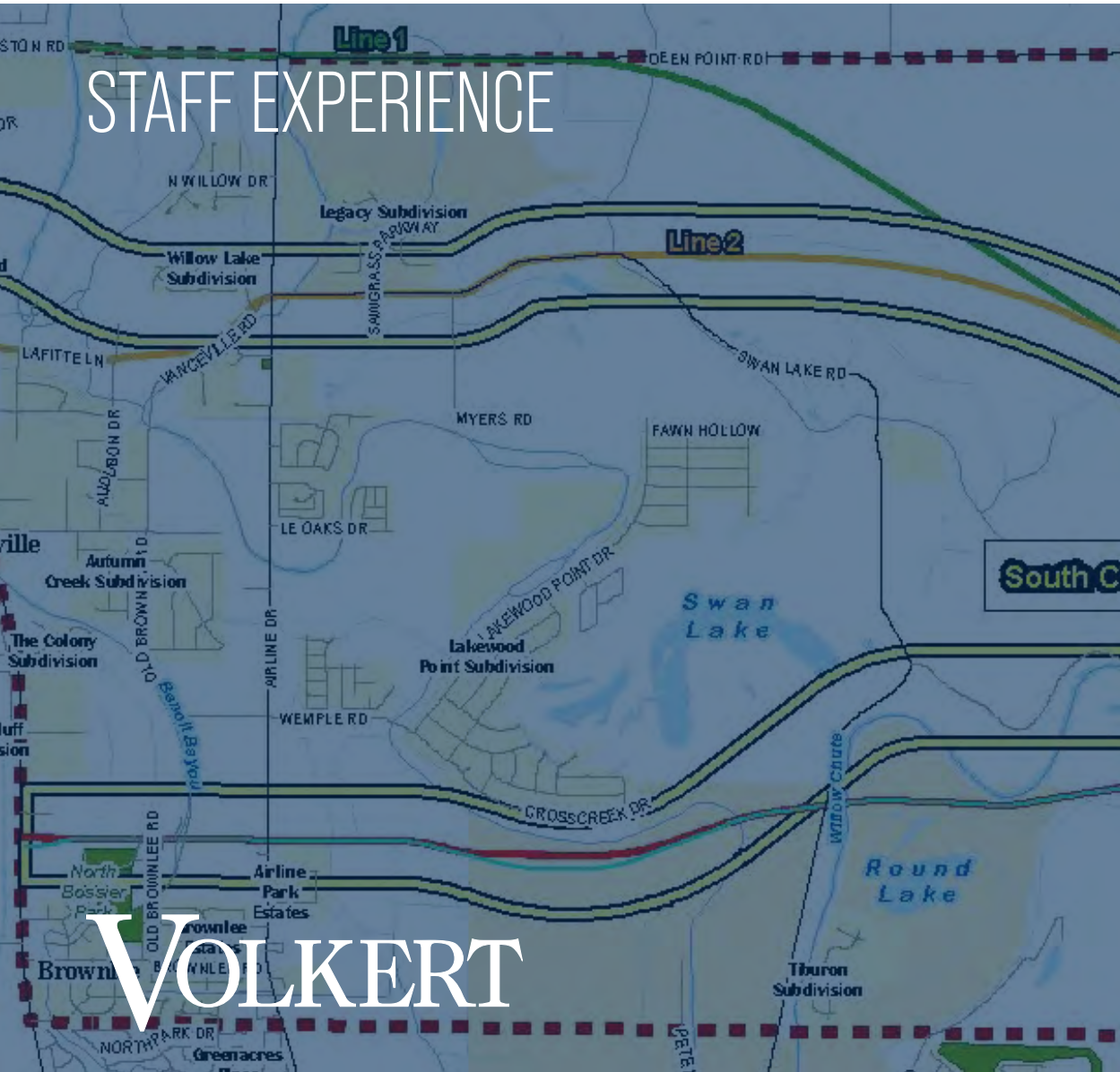
15. Minimum Personnel Requirements:

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

MPR No. Do not insert wording from ad	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number	State of license	License / certification expiration date
1	Janet L. Evans, PE, MBA	Volkert, Inc.	PE # - Civil 21307	LA	09/30/2024
2	Janet L. Evans, PE, MBA Randy Denmon, PE, PLS Chris Patrick, PE	Volkert, Inc. Volkert, Inc. Volkert, Inc.	PE # - Civil 21307 PE # - Civil 29390 PE # - Civil 24424	LA LA LA	09/30/2024 03/31/2025 09/30/2023
3	Janet L. Evans, PE, MBA Randy Denmon, PE, PLS Ashley Beckendorf, PE Chris Patrick, PE	Volkert, Inc. Volkert, Inc. Volkert, Inc. Volkert, Inc.	PE # - Civil 21307 PE # - Civil 29390 PE # - Civil 37334 PE # - Civil 24424	LA LA LA LA	09/30/2024 03/31/2025 03/31/2025 09/30/2023
4	Hossein Ghara, PE, MBA Jacob Parker, PE Steven Armstrong, PE	Volkert, Inc. Volkert, Inc. Volkert, Inc.	PE # - Civil 18899 PE # - Civil 30596 PE # - Civil 44405	LA LA LA	03/31/2025 09/30/2023 09/30/2024
5	Hossein Ghara, PE, MBA Jacob Parker, PE Steven Armstrong, PE	Volkert, Inc. Volkert, Inc. Volkert, Inc.	PE # - Civil 18899 PE # - Civil 30596 PE # - Civil 44405	LA LA LA	03/31/2025 09/30/2023 09/30/2024
6	Lynne Roussel McMillen, PE Steve Greaber, PE Sarah Berman, PE Ryan Poindexter, PE	Terracon Consultants, Inc. Terracon Consultants, Inc. Terracon Consultants, Inc. Terracon Consultants, Inc.	PE # - Civil 35152 PE # - Civil 26107 PE # - Civil 43630 PE # - Civil 46285	LA LA LA LA	03/31/2024 09/30/2023 03/31/2024 03/31/2024
7	Paul Rossini, PLS Bryan Bunch, PLS Patrick Staiano, PLS	NTB Associates, Inc. NTB Associates, Inc. NTB Associates, Inc.	PLS # 4731 - Survey PLS # 5014 - Survey PLS # 5130 - Survey	LA LA LA	09/30/24 03/31/24 09/30/23

SECTION 16

STAFF EXPERIENCE



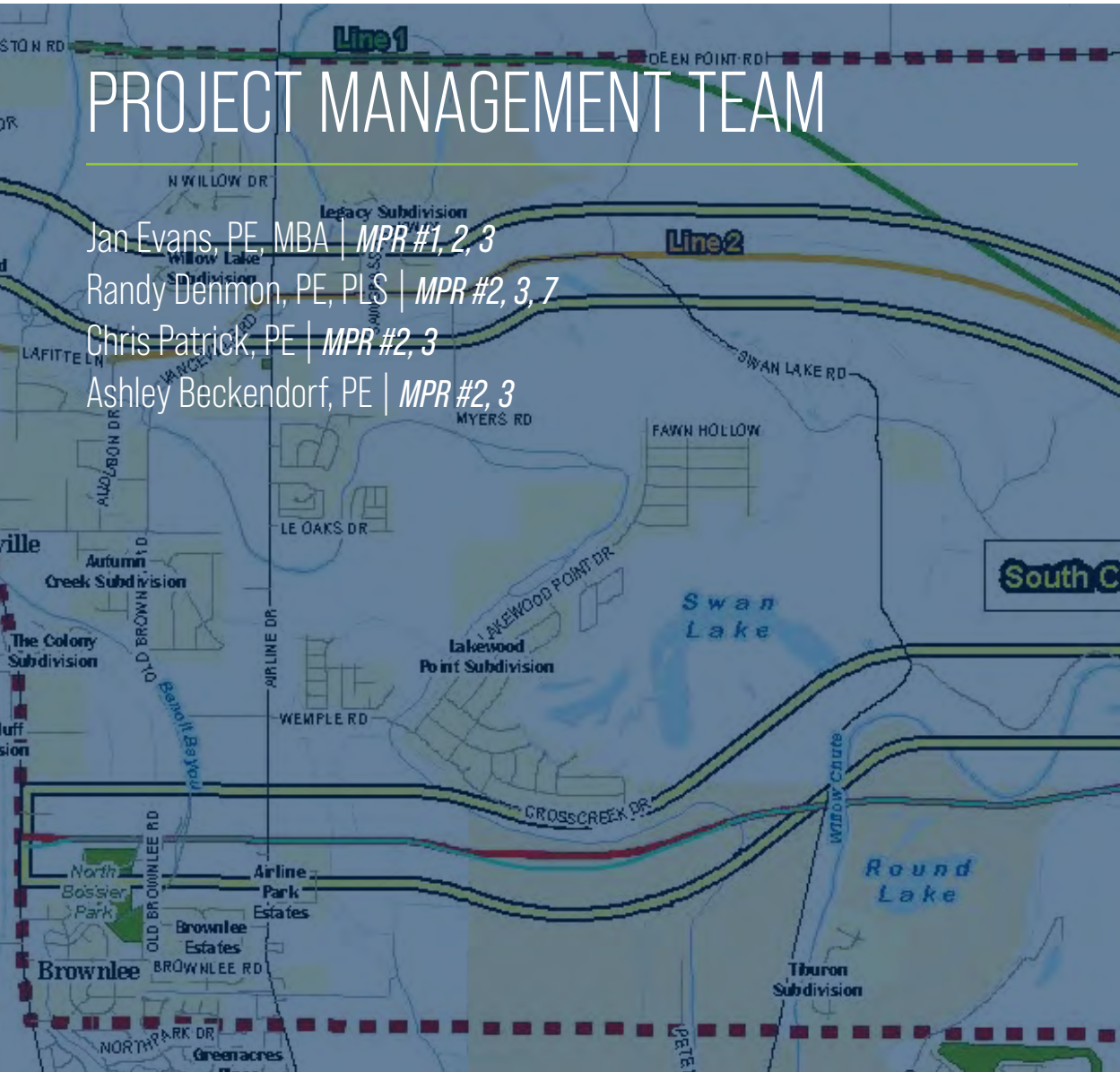
PROJECT MANAGEMENT TEAM

Jan Evans, PE, MBA | *MPR #1, 2, 3*

Randy Denmon, PE, PLS | *MPR #2, 3, 7*

Chris Patrick, PE | *MPR #2, 3*

Ashley Beckendorf, PE | *MPR #2, 3*



16. Staff Experience:

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

Firm employed by: Volkert, Inc.

Janet L. Evans, PE, MBA

Principal-in-Charge

Years of relevant experience with this employer

14

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 | 9/30/2024

Discipline

Civil



Contract role(s) / brief description of responsibilities:

Ms. Evans will be serving as Project Principal. She will fulfill Minimum Personnel Requirements #1, 2, & 3 for the duration of this project.

**Experience dates
(mm/yy-mm/yy)**

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

Ms. Evans joined Volkert in 2008 and has over 40 years of roadway and bridge project management and design experience in design and construction of transportation projects. This includes urban freeway design, stage 0 studies, capacity improvements, (lane additions), environmental justice and interchange modifications as well as both traditional design and an alternative design build considered confined work zones, traffic queuing and limited lane closures and development of construction sequencing for the high average daily traffic volume interstates. Her combination of construction and design experience has been utilized by the department in various alternative delivery projects including the development of draft CMAR guidelines and the development of a design build construction manual. Ms. Evans experience from both the construction side and the design side allow her to provide insight which aids in the resolution of issues in alternative delivery projects. She has numerous years of experience serving as a Principal on alternative LADOTD projects and is currently providing Construction Quality Assurance on several urban roadway and bridge replacement projects in the area.

09/22 - 09/27 (est.)

Louisiana Department of Transportation Development, District 04 IJIA Off-System Bridge Program. 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 (IJIA) Off-System Bridge Program. Ms. Evans is the Operations Manager assisting in the Phase 1 preliminary screening matrix and bridge selection process based on a set budget provided; ultimately moving the selected bridges to construction while coordinating with the DOTD and local stakeholders. Volkert is performing Hydraulic Analysis and Bridge Design services. Volkert will evaluate each site and provide a recommended drainage alternate type and applicable dimensions, as well as perform the hydraulic design of the drainage structure in accordance with the LA DOTD Hydraulic Design Guidelines for the Off-System Bridge Replacement and Rehabilitation Program manual.

06/20 - 08/24 (est.)

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 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.

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 specified in the applicable MPR(s).
	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 team adheres to their contract, and address other assignments as directed.
08/17 - 02/20	I-10: Highland Road to LA 73 Design-Build, East Baton Rouge and Ascension Parishes, LA (LADOTD). Ms. Evans is serving as Principal-in-Charge for the Owner Verification Team (OVT) on Task Orders 3 & 4 which allows Volkert to provide procurement and project oversight and acceptance for both design and construction for the I-10 Design-Build project from Highland Road in East Baton Rouge Parish to LA 73 in Ascension Parish. She is responsible for all project oversight for the Design and Construction on this \$72M Design-Build project. This project consists of upgrading a portion of I-10 in East Baton Rouge and Ascension Parish to a six-lane controlled access facility including construction of a new six-lane I-10 overpass at Highland Road. This was the fastest procured design-build today in DOTD History. State Contract No. 4400004915 TO 3 & 4, S.P. No. H.009250.
03/15 - 07/17	I-10: French Branch Bridge - West Pearl River Bridge, Routes I-10, I-12, I-59, St. Tammany Parish, LA (LADOTD). Ms. Evans served as Principal-in-Charge. Volkert provided construction contract administration and CE&I services for the clearing and grubbing, grading, drainage structures, cold planning asphaltic concrete, Class II Base Course, Superpave asphaltic concrete pavement, Portland Cement Concrete Pavement, and lime treatment.
08/06 - 08/11	I-10 Twin Span Bridge Over Lake Pontchartrain Low Level Portions and Main Spans in Orleans and St. Tammany Parishes, LA (LADOTD). The new bridge was designed for a 100-year life and built 300 feet to the east of the existing bridge. The bridge has an elevation of 30 feet, 21 feet higher than the existing bridge, with an 80-foot high-rise section near the Slidell side to allow for marine traffic and withstand a much higher storm surge. The 60-foot width of each span included three 12-foot lanes and two 12-foot shoulders on each side. The bridge was designed to include reinforced concrete walls to increase storm surge resistance and minimize the effects of any barge collision. Mr. Heraty served as Construction and Inspection Engineer for this project.
04/18 - 04/19	I-220 to Barksdale AFB Connector Design-Build Procurement, Bossier Parish, LA (LADOTD). Ms. Evans is serving as Principal-in-Charge for Volkert's team as they completed preliminary construction cost estimates and reviewed preliminary engineering layouts from LA DOTD to help assess impacts, constructability design issues. She also helped produce the Performance Specifications, worked with LA DOTD staff in each category for project specific design issues to be addressed. She also assisted in the preparation of the Public Information Meetings and the One-on-One meetings with the shortlisted Design-Build teams for this \$71.8 M Design-Build project. State Contract No. 4400004915 TO 5, S.P. No. H.003370.
09/20 - 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.
12/17 - 12/20	Causeway Shoulder Bay Design, Jefferson and St. Tammany Parishes, LA (Greater New Orleans Expressway Commission). Volkert was selected to design essential and long-awaited shoulder additions. The bridge shoulders, comprising 12 “shoulder bays,” will provide a safe space for disabled vehicles to pull over out of traffic. They will also increase safety for motorists and emergency personnel in the event of a crash. This project was executed using the CMAR alternative delivery method, a first for the State of Louisiana. Mrs. Evans served as Project Principal and Project Manager for this project.

Firm employed by: Volkert, Inc.

Randy Denmon, PE, PLS

Project Manager & Hydraulics / Bridge Scour Analysis

Years of relevant experience with this employer 26

Years of relevant experience with other employer(s) 0

Degree(s) / Years / Specialization
 MS | 1996 | Civil Engineering
 BS | 1991 | Mathematics

Year registered
 1996
 2001

Active registration number / state / expiration date
 29390 | LA PE | 03/31/2025
 4798 | LA PLS | 03/31/2025

Discipline
 Civil
 Surveyor



Contract role(s) / brief description of responsibilities:
 Mr. Denmon will serve as Project Manager and Hydraulics / Bridge Scour Analysis Engineer for the duration of this contract. He will fulfill Minimum Personnel Requirements #2, 3, & 7 for the duration of this project.

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

Mr. Denmon has 26 years experience in surveying and civil engineering for clients such as: La. Department of Transportation, and other State Agencies, Watershed and Lake Districts, the NRCS, and many local governments. Mr. Denmon has extensive experience with Trimble, Microstation and Bentley computer aided design software: and the LADOTD’s Location and Survey Procedures for both topographic and right of way surveys. Mr. Denmon’s certifications include:
 ▼ ATSSA Certified Flagger

07/22 - 01/23	IDIQ Contract for Design of Safety Projects, Statewide With Majority Of Work In Districts 04, 05 And 58. Contract No. 4400019871, LADOTD. Sub to Gresham Smith for Topographic and Right of Way Surveys. One Task Order Complete. Surveyor in charge of all survey work.
12/21 - 01/23	IDIQ Contract for Louisiana Watershed Initiative (LWI) Modeling Contract, Region 3, LADOTD, State Contract No. 4400017069. Sub to Wood for topographic surveying on streams and bridges. Four Task Orders for \$1,426,244. Surveyor in charge of all survey work.
04/08 - 01/23	Kansas Lane Connector, LADOTD. Engineer of record for all design work to include geometric design, drainage and final plans for approximately 3 miles of new urban 4 and 5 lane roadway. Construction Cost Estimate: \$43,000,000. H.007289
01/17 - 09/21	Retainer Contract for Safe Routes to Schools (Srts) and Local Road Safety Program (LRSP), LADOTD. Contract No. 4400005894. Complete topographic and right of way surveys for six projects. Surveyor in charge of all survey work.
01/00 - 04/08	Jct. US 84 - Jct. LA 126; Route LA 34; Winn Parish; SPN 700-64-0102; FAP No. STP-591-1(008), LADOTD. Design, and Topographic and R-O-W surveys for the relocation and reconstruction of approximately 11 miles of rural state HWY 34. Engineer and surveyor on the project.
03/09 - 04/11	Oliver Road Widening, SPN 742-37-0019, ARR 3709(504), LADOTD. Widening and reconstruction of 1 mile of urban road from 2 land to 3 lanes. Engineer of record and surveyor in charge of topographic and right of way surveying.

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 specified in the applicable MPR(s).
11/19 - 10/20	LA 3249: Roundabout @ I-20/Well Rd., Ouachita Parish, LA, LADOTD. Project Engineer. Design of roundabout on LA 3249 within existing right-of-way. Project included five lane to two lane concrete roundabout with sub-surface drainage and concrete on/off ramps with sub-surface drainage. Work included: design drainage, geometric design, joint layout, typical sections, marking plans, preliminary and final plans, quantity calculations and cost estimates.
01/12 - 11/18	Flood Control Improvements to the Rochelle St., Roselawn St. & 11th Area Of Monroe, LADOTD. Project included all surveying, environmental permitting, H&H Modeling with HEC-HMS and HEC-RAS, Final Plans, Bidding and Construction Inspection. Project included new 6-acre retention pond and modifications to the existing Rochelle St. Pump Station. Project Cost: \$2,153,000. Project funded through the LADOTD's Statewide Flood Control Program.
03/01 - 04/16	Fink's Hide-A-Way Road Project Number: SPN 700-24-0087, FAP 8456 (002), LADOTD. Project Engineer. Widening approximately 2 miles of Finks Hide-A-Way road in Ouachita Parish to three/five lane undivided roadway with underground drainage. Prime Engineer in charge of roadway design for the entire project. Project included concrete roadway, curb and gutter, and underground drainage. Work included: drainage design, geometric design, typical sections, preliminary and final plans, quantity calculations and cost estimates.
11/10 - 08/13	Bundick's Creek Lake Upgrades, Deridder, LA - SP No. 750-06-01, LADOTD. Project Manager. Final Design and permitting of new, 100' concrete crest gate spillway for the LADOTD. Design work included: civil, structural, geotechnical, hydraulic, hydrologic, mechanical and electrical engineering, surveying and mapping, CAD, and cost estimating is required. Design work completed with Bentley's Microstation software. Project Cost: \$ 6,100,000.
11/10 - 04/12	Reconstruction of Cane River Lake Spillway, SPN: 50-NJX-07-01, Natchitoches Parish, LA, LADOTD. Project Manager. Work included design and construction of coffer dams, removal and replacement of spillway gates, and epoxy grout treatment of concrete spillway. Work included civil, structural, geotechnical, hydraulic, hydrologic, surveying and mapping, CAD, and cost estimating. Design work completed with Bentley's Microstation software. Project Cost: Approximately \$300,000.
06/05 - 08/10	State Wide Dam Breach Analysis (Louisiana) - SPN 750-99-0128 & 750-99-132, LADOTD. Project Manager. Work included Dam Breach Analysis and Emergency Action Plans on 24 dams maintained by the LADOTD. Work included downstream creek, downstream bridge, and dam surveys; construction of a HEC-RAS computer model to model a dam breach on each site under maximum storage conditions, and a final report that: detailed all work completed, model analysis and results, inundation mapping with Microstation Software, and recommendations for hazard classifications of said dams. Design work included hydraulic and hydrologic modeling, surveying and mapping, and CAD. Engineering Fee: \$1,050,697.
06/08 - 03/10	Drainage Improvements, Franklin Farm Megasite, SPN 05-252-06-14, Richland Parish, LA, Louisiana Department of Economic Development. Project Manager. Work included 100 and 500 year flood determination and mapping, topographic surveying, environmental permitting, and design for the relocation of approximately 1.5 miles of local bayous, utility relocations, and drainage structures for the Louisiana Dept. of Economic Development. Design work included: civil, structural, geotechnical, hydraulic, hydrologic, surveying and mapping, CAD, and cost estimating. Design work completed with Bentley's Microstation software. Project Cost: Approximately \$1,100,000.
02/03 - 03/09	Cross Lake Dam, Stability Analysis and EAP, Caddo Parish, LA, City of Shreveport. Project Manager. Emergency Action Plan and final design, bidding and award for the clearing and grubbing of the dam; detailed field surveys, analysis of the dam that included 26 boring, lab analysis, the installation of 6 piezometers, stability analysis, through seepage analysis, and under seepage analysis; and recommendations for corrective measures for the dam. Project Cost: \$250,000.

Firm employed by: Volkert, Inc.

Chris Patrick, PE

Client Liaison & QA/QC Manager

Degree(s) / Years / Specialization BS | 1986 | Civil Engineering

Active registration number / state / expiration date 24424 | LA PE | 09/30/2023

Years of relevant experience with this employer 36

Years of relevant experience with other employer(s) 0

Year registered 1991

Discipline Civil & Environmental



Contract role(s) / brief description of responsibilities:

Mr. Patrick will serve as Client Liaison & QA/QC Manager for the duration of this contract.

Experience dates
(mm/yy-mm/yy)

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

Mr. Patrick has 36 years of experience in civil/environmental engineering and construction management and is a licensed civil and environmental engineer. His project experience includes water systems; sewer systems; piping; storm water, sewer, and water supply pump stations; small building design; and recreational facilities in both rural and urban settings. His design experience includes civil, structural, hydraulic, hydrologic, sanitary, mechanical, CAD, architecture, environmental, and cost estimating. Mr. Patrick has extensive experience with WaterCAD and Bentley Software.

02/98 - Ongoing

Tensas Parish – Wide Water System – Tensas Parish Police Jury, Tensas Parish, LA. Engineering, planning and feasibility studies, final designs and supervision of construction for several related projects to locate a source of potable water more suitable than the poor-quality ground water currently being used. Recommended improvements that were implemented including utilizing existing Lake Bruin as a source, construction of an intake structure, raw water pumping station and treatment plant along with associated transmission lines, storage, booster plants and regulators to distribute to other water systems in the Parish. Estimated cost \$4,200,000.

04/19 - 02/21

Proposed LCDBG Sewer System Improvements – Brendle Street, Bastrop, LA. Project Supervisor. Project included surveying, permitting and design of replacement of existing sanitary sewer system gravity collection system lines and manholes. Project components include 16,000 linear feet of 12”, 15” and 18” sanitary sewer gravity mains and sewer manholes. Project included civil, hydraulic, sanitary, CAD, environmental and cost estimating.

11/21 - 10/22

Proposed Wastewater Collection System – Airline Drive, Bossier Parish, LA. Project Supervisor. Project included surveying, permitting and design of new gravity sanitary sewer collection system lines to facilitate new commercial customers and business developments. Project components include 4,000 linear feet of 12” and 15” sanitary sewer gravity mains and sewer manholes. This project is an ongoing continuation of a parish-wide sewer system consolidation project. Project included civil, hydraulic, sanitary, CAD, environmental and cost estimating.

08/19 - 07/20

Proposed Pargoud Street Lift Station Force Main Relocation, Monroe, LA. Project Supervisor. Project included surveying, permitting and design of a new sewer force main for an existing pump station in an existing subdivision. Project components include 4,000 linear feet of 6” sanitary sewer force main. Project included civil, structural, hydraulic, sanitary, CAD, environmental and cost estimating.

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 specified in the applicable MPR(s).
05/19 - 08/20	Proposed LCDBG Sewer System Improvements - Merrywoods Subdivision, Bossier Parish, LA. Project Supervisor. Project included surveying, permitting and design of replacement of existing sanitary sewer system gravity collection system lines and manholes. Project components include 3,600 linear feet of 8” sanitary sewer gravity mains. This project is an ongoing continuation of a parish-wide sewer system consolidation project. Project included civil, hydraulic, sanitary, CAD, environmental and cost estimating.
04/16 - 05/17	Proposed LCDBG Sewer Treatment Plant Improvements, Bonita, LA. Project Supervisor. Project included surveying, permitting and design of a complete renovation to an existing extended aeration sewer treatment facility. Project components include a new aeration system for an existing racetrack style primary oxidation basin, rehabilitation of an existing clarifier, rehabilitation of existing sludge drying beds, rehabilitation of an existing rock filter and rehabilitation of an existing chlorine contact chamber. Project included civil, structural, hydraulic, sanitary, mechanical, electrical, CAD, environmental and cost estimating.
11/16 - 02/17	Proposed Lift Station and Force Main for Kingston Road, Bossier Parish, LA. Project Supervisor. Project included surveying, permitting and design of a new sanitary sewer lift station, force main and gravity sanitary sewer lines for a parish-wide sewer system consolidation project. Project components include 8,900 linear feet of 18”, 15”, 12”, 10” and 8” gravity sanitary sewer lines, 18,150 linear feet of 20” and 30” sanitary sewer force mains and one (1) primary sewer lift station serving the entire Kingston Road service area. This project is an ongoing continuation of a parish-wide sewer system consolidation project. Project included civil, structural, hydraulic, sanitary, mechanical, electrical, CAD, environmental and cost estimating.
01/15 - 02/15	Proposed Lift Station and Force Main for Hwy. 80, Bossier Parish, LA. Project Supervisor. Project included surveying, permitting and design of new sanitary sewer lift station and force main for a parish-wide sewer system consolidation project. Project components include 64,250 linear feet of 24” and 30” sanitary sewer force mains and one (1) primary sewer lift station serving the entire Highway 80 service area. This project is an ongoing continuation of a parish-wide sewer system consolidation project. Project included civil, structural, hydraulic, sanitary, mechanical, electrical, CAD, environmental and cost estimating.
09/00 - 08/01	City of Tallulah – Master Water Improvement Plan, Tallulah, LA. Engineering and feasibility studies to determine the most cost-effective plan to improve water service to the City of Tallulah who were currently served by a private utility who were attempting to treat very poor-quality ground water. All available sources were studied including both ground and surface water. Recommendations included the City purchasing the system from the Private Utility and building the necessary infrastructure to utilize surface water from Poverty Point Reservoir approximately 20 miles distant as no ground water source with a good quality of water could be located within that range. Estimated project cost \$12,000,000.
03/99 - 03/99	East Ouachita Water District, Ouachita Parish Police Jury, Ouachita Parish, LA. Engineering and Feasibility Study to establish a master water treatment plant to treat surface water from Bayou DeSiard in Eastern Ouachita Parish and deliver potable water to existing private and public water systems serving the eastern portion of urban Ouachita Parish to replace poor quality ground water that was currently being used. Estimated cost \$8,600,000.
12/96 - 01/97	Walnut Bayou Water Association, Tallulah, LA. Preliminary, Planning and Feasibility studies, Designs and Supervision of Construction to replace current poor ground water source with one of higher quality that could be more easily treated to provide better water and at more reasonable costs; for a system serving most of Madison Parish. Studied water sources ranging from surface water along the Mississippi River to the east, to ground water availability in surrounding areas. Conducted test well program and located source of good ground water approximately 20 miles to the west along the Richland – West Carroll Parish Line. Developed a field of production wells with water not requiring treatment and a transmission system to deliver to the existing system, the Madison Parish Port and expanded the service area to serve most of Madison and East Carroll Parishes and portions of Richland and West Carroll Parishes. Estimated project cost \$8,600,000.

Firm employed by: Volkert, Inc.

Ashley Beckendorf, PE

Assistant Project Manager / Roadway Design Engineer

Years of relevant experience with this employer

8

Years of relevant experience with other employer(s)

6

Degree(s) / Years / Specialization

BS | 2008 | Civil Engineering

Year registered

2012

Active registration number / state / expiration date

37334 | LA | 3/31/2025

Discipline

Civil



Contract role(s) / brief description of responsibilities:

Ms. Beckendorf will serve as Assistant Project Manager & Roadway Design Engineer for the duration of this project. Ms. Beckendorf fulfills Minimum Personnel Requirement #3.

Experience dates
(mm/yy-mm/yy)

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

Ms. Beckendorf has 14 years of design and engineering experience and expertise in delivering complex drainage, roadway, open space, and other capital projects for government clients. Over her career she has specialized in roadway engineering, sewer infrastructure design and drainage design. For the past six plus years, she has managed and assisted with managing several projects of complex nature and succeeded in keeping on schedule and maintaining great project outcomes. Before her management experience she worked on the East Baton Rouge Greenlight Program and East Baton Rouge Parish Sanitary Sewer Overflow Program, beginning from the preliminary stages to design, on through construction. With her experience working with EBR through these projects, combined with her knowledge of engineering and managerial experience give her the ability to make a very effective manager. She has managed every aspect of projects including geotechnical engineering, surveying & mapping, environmental studies and permitting, subsurface utility engineering, utility coordination, lighting, traffic studies and design, Right of Way Acquisition, drainage, and roadway design. Ms. Beckendorf’s certifications include:

- ▼ FHWA-NHI-142005 NEPA and the Transportation Decision-making Process
- ▼ Traffic Engineering Analysis
- ▼ Process & Report - Module 2
- ▼ Process & Report - Module 3

05/19 - 12/21

I-220/I-20 Interchange Improvements to BAFB Access Design-Build, Bossier Parish, LA (LA DOTD). Ms. Beckendorf is providing roadway design submittal 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 over- pass of the KCS RR. The project terminus will tie to a BAFB roadway project creating a new access location for the base. | State Contract No. 4400016173, S.P. No. H.003370.6.

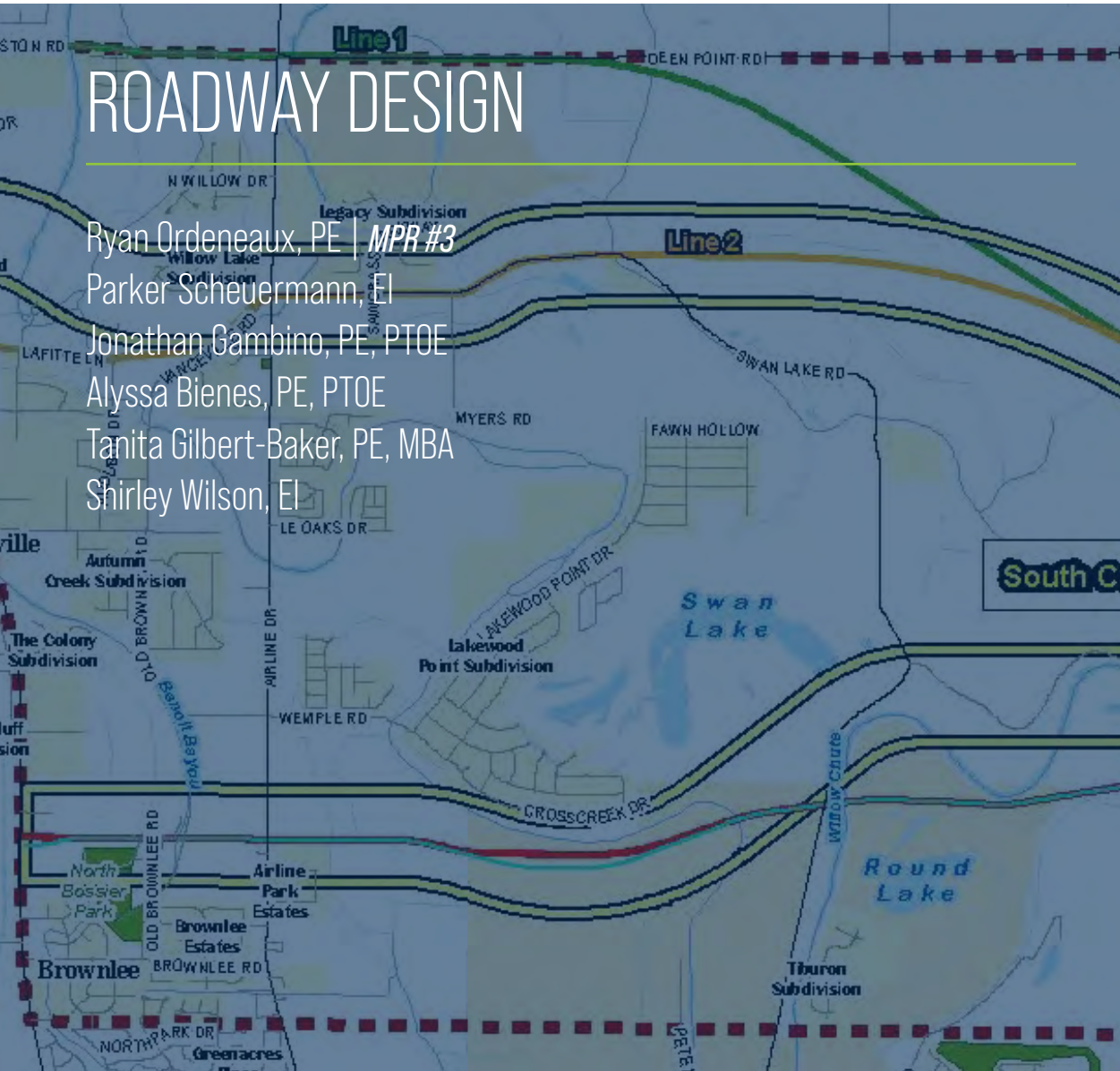
05/18 - 05/19

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

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

ROADWAY DESIGN

Ryan Ordeneaux, PE | **MPR #3**
Parker Scheuermann, EI
Jonathan Gambino, PE, PTOE
Alyssa Bienes, PE, PTOE
Tanita Gilbert-Baker, PE, MBA
Shirley Wilson, EI



Firm employed by: Volkert, Inc.

Ryan Ordeneaux, PE

Project Engineer / Roadway Design

Years of relevant experience with this employer

4

Years of relevant experience with other employer(s)

16

Degree(s) / Years / Specialization

BS | 2003 | Civil Engineering

Year registered

2015

Active registration number / state / expiration date

39476 | LA | 9/30/2023

Discipline

Civil



Contract role(s) / brief description of responsibilities:

Mr. Ordeneaux will serve as Project Engineer for the duration of this contract. Mr. Ordeneaux fulfills Minimum Personnel Requirement #3.

Experience dates
(mm/yy-mm/yy)

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

Mr. Ordeneaux has managed a variety of projects over his 20-year career including roadway design, bridge replacements, and airport design. This includes interstates, highway, and local roadway design; traffic control plan development; hydraulic improvements; and drainage improvement projects throughout Louisiana. He has served as a project estimator and also has project management and inspection experience.

06/17 – 06/18

I-10 (Williams Boulevard to Veterans Memorial Boulevard), and Loyola Drive to Williams Boulevard in Jefferson Parish, Louisiana for the Louisiana Department of Transportation and Development (LADOTD), c/o GEC, Inc. Mr. Ordeneaux served as Project Engineer for this project. This project involved the design of a new subsurface drainage system. It has approximately six major crossings that outfall into Canal No. 3, which parallels the interstate in this area. These drainage systems not only serve as the roadway drainage, but they also drain large segments of residential areas of Jefferson Parish that are located to the north of I-10. This approach required careful coordination with Jefferson Parish and the LA DOTD to ensure that all water elevations and drainage assumptions used were accurate and that the completed design met all required design criteria.

05/18 – 05/19

LA 929 at LA 930 Roundabout, Ascension Parish, LA (Ascension Parish Government). Mr. Ordeneaux served as Lead engineer for this project. Volkert was assigned a task order for the Move Ascension program to develop plans for a Roundabout Highway 929 and Highway 930, Prairieville, LA. The project required a traffic analysis, development of construction plans, drainage improvements, lighting, topographic survey, ROW mapping, geotechnical services and SUE services.

05/18 – 05/19

Plank Road, East Baton Rouge Parish, LA, Baton Rouge Metropolitan Airport. Mr. Ordeneaux served as Lead Project Engineer for this is project to relocate Plank Road along a new alignment. The project includes the design for a new 4 lane highway with J-turns. It also includes the design for additional lanes including sidewalks and widening lanes for complete street design along Harding and Hooper Road. Mr. Ordeneaux assisted in coordination with the survey, geotechnical engineering, and SUE services for this project. Volkert is providing design, environmental permitting, and ROW acquisition for the relocation of Plank Road on a new alignment. This project is a Baton Rouge Metropolitan Airport project, funded by FAA, but the road will be transferred to LA DOTD. Volkert is also providing coordination between sub-consultants, the airport, FAA, and LA DOTD.

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 specified in the applicable MPR(s).
06/13 - Ongoing	<p>Project Manager for Filmore South (Group A), final design services and construction phase services for Filmore South (Group B), and design services for Filmore South (Group C) and design services for Filmore North (Group D) for the City of New Orleans Department of Public Works in New Orleans, LA. The City created the Filmore Road Recovery project to restore the area's aging infrastructure and includes most area streets for various type of improvement including full reconstruction, concrete panel replacement, patch/mill/overlay (resurfacing of asphalt streets) and sidewalk repairs over 80 blocks in the Filmore South Group area. Mr. Ordeneaux served as Project Manager for the construction phase services for Filmore South Group A & Filmore South Group B, and preliminary and final design services for Filmore South Group C and Filmore North Group D.</p> <ul style="list-style-type: none"> • Filmore South Group B (RR043) – Construction has completed on approximately 3,500 linear feet of full pavement replacement of several local streets including significant sections of Cartier Avenue and Owens Boulevard, including all new pavement, sidewalks, ADA handicapped ramps, new water lines, new sewer lines, lining of sewer services laterals, and new drainage lines, as well as incorporation of the outfalls from the adjacent Mirabeau Garden stormwater management and green infrastructure project, and special consideration of pavements near aged oak trees. • Filmore South Group C (RR044) – Design completed and we are entering the bidding phase for the project and it will consist of approximately 5,400 linear feet full pavement replacement of several local streets including Seville, Granada and Bancroft in the Filmore Group area north of Mirabeau Avenue. This will also include all new pavement, sidewalks, ADA handicapped ramps, new water lines, new sewer lines, lining of sewer services laterals, and new drainage lines, keeping in mind the recommendations of the Mirabeau Gardens stormwater management and green infrastructure project, as well as special consideration of pavements near aged oak trees. • Filmore North Group D (RR040) – Design is well under way and will consist of over 5,000 linear feet full pavement replacement of several local streets including Mithra St., Crescent Dr., Chamberlain Dr and Pratt Dr. This will also include all new pavement, sidewalks, ADA handicapped ramps, new water lines, new sewer lines, lining of sewer services laterals, and new drainage lines, keeping in mind the recommendations of the Mirabeau Gardens stormwater management and green infrastructure project, as well as special consideration of pavements near aged oak trees.
09/21 - 09/22	<p>Montz Drainage Improvements Project and the Evangeline Road at CN Railroad Box Culvert Projects, St. Charles Parish, LA. Mr. Ordeneaux served as Project Manager for this is project to improve the drainage in Montz, LA per the Montz Drainage Improvement plan. The Montz Drainage Improvements Project included the design for jack and bore steel pipes under KCS railroad and the design of a canal or alternative way to convey stormwater to the nearby pump station. The Evangeline Road/CN Railroad Project included the design for box culverts under Evangeline Road at the CN Railroad crossing located within the railroad ROW. Mr. Ordeneaux coordinated with the Master Drainage Plan designer, surveying, and geotechnical engineering for the projects and is overseeing the design, permitting, and construction administration for the proposed drainage improvements as per the drainage plan.</p>

Firm employed by: Volkert, Inc.

Parker Scheuermann, EI

Project Engineer Intern

Years of relevant experience with this employer

2

Years of relevant experience with other employer(s)

0

Degree(s) / Years / Specialization

BS | 2020 | Civil Engineering

Year registered

2020

Active registration number / state / expiration date

34581 | LA | 3/31/2023

Discipline

Civil



Contract role(s) / brief description of responsibilities:

Mr. Scheuermann will provide Engineering Intern services for the duration of this contract.

Experience dates
(mm/yy-mm/yy)

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

Mr. Scheuermann joined Volkert 2020 after earning his degree in Civil Engineering. He provides civil engineering support on a variety of projects.

3/21 - 6/22

Filmore D Mithra St. (New Orleans DPW). Mr. Scheuermann designed the road geometry and profile and created the cross sections using Civil3D. He determined the location of inlets and tested the entire drainage system using HYDRWIN 2009 and imputed the inlet and pipe locations in the plan & profile. Also, Mr. Scheuermann created the permanent striping plans as well as the proposed joint layout.

09/19 - 07/20

I-10: Highland Road to LA 73 Design-Build, East Baton Rouge and Ascension Parishes, LA (LA DOTD). Mr. Scheuermann assisted in the Document Control for the Owner Verification Team (OVT) on Task Orders 3 & 4 which allows Volkert to provide procurement and project oversight and acceptance for both design and construction for the I-10 Design-Build project from Highland Road in East Baton Rouge Parish to LA 73 in Ascension Parish for the Design and Construction on this \$72M Design-Build project. This project consists of upgrading a portion of I-10 in East Baton Rouge and Ascension Parish to a six-lane controlled access facility including construction of a new six-lane I-10 overpass at Highland Road. | State Contract No. 4400004915 TO 3 & 4, S.P. No. H.009250.

01/20 - 01/21

Roundabout at Highway 929 and Highway 930 in Prairieville, LA for Ascension Parish. Mr. Scheuermann served as Project Intern filling out bid packages for the Move Ascension program Volkert was assigned a task order to develop plans for a Roundabout Highway 929 and Highway 930, Prairieville, LA. The roundabout will replace the existing stop-controlled intersection and consists of a single lane asphalt roundabout. The roundabout will be designed through SIDRA, AASHTO, and Louisiana DOTD standards.

05/18 - 05/19

Plank Road, East Baton Rouge Parish, LA, Baton Rouge Metropolitan Airport. Mr. Scheuermann served as Project Intern making weekly visits for this project to relocate Plank Road along a new alignment. The project includes ROW acquisition and all the design for a new 4 lane highway with J-turns. It also includes ROW acquisition and all the design for additional lanes along Harding and Hooper Road. It also includes a new lighting system and new signalized intersection. Volkert is providing design, environmental permitting, and ROW acquisition for the relocation of Plank Road on a new alignment. This project is an Airport project, funded by FAA, but the road will be transferred to LA DOTD. Volkert is also providing coordination between sub-consultants, the airport, FAA, and LADOTD.

Firm employed by: Volkert, Inc.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).
06/17 - 06/18	I-10 (Williams Boulevard to Veterans Memorial Boulevard), and Loyola Drive to Williams Boulevard in Jefferson Parish, Louisiana for the Louisiana Department of Transportation and Development (LADOTD), c/o GEC, Inc. Mr. Scheuermann helped with redesign of Diversion Sequence of Construction sheets for this project. This project involved the design of a new subsurface drainage system. It has approximately six major crossings that outfall into Canal No. 3, which parallels the interstate in this area. These drainage systems not only serve as the roadway drainage, but they also drain large segments of residential areas of Jefferson Parish that are located to the north of I-10. This approach required careful coordination with Jefferson Parish and the LA DOTD to ensure that all water elevations and drainage assumptions used were accurate and that the completed design met all required design criteria.
08/19 - 08/20	MacArthur Interchange Completion, Phase II in Jefferson Parish, Louisiana for the Louisiana Department of Transportation and Development (LADOTD), c/o SDR Engineering Consultants, Inc. Mr. Scheuermann assisted in the design for the permanent signing and pavement markings. The project included widening for Peters Road and South Frontage Road from Peters Road to Manhattan Boulevard. It also included the design of a proposed on-ramp and off-ramp to the Westbank Expressway. The design of signage included South Frontage Road, Peters Road, and the elevated ramps including all Westbank Expressway structures affected by the proposed ramp modifications. The signage and pavement markings were designed using the latest edition of the MUTCD and the DOTD Roadway Design Manual.
10/21 - 3/23 (est.)	Crooked Creek, ARDOT. Mr. Scheuermann designed the alignment, road geometry, typical sections, profile, and cross sections using Inroads v8i. Assisted in the plan preparation.

Firm employed by: EJES, Inc.			
Tanita Gilbert-Baker, PE, MBA <i>Civil Engineer</i>		Years of relevant experience with this employer	14
		Years of relevant experience with other employer(s)	0
Degree(s) / Years / Specialization	MBA 2007 Business Administration BS 1994 Civil Engineering	Year registered	2001
Active registration number / state / expiration date	29350 LA 3/31/2023	Discipline	Civil



Contract role(s) / brief description of responsibilities:
Ms. Gilbert-Baker will provide Engineering services for the duration of this contract.

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).
03/09 - 06/10	I 49 Inner City Connector, Caddo Parish, LA, Providence Engineering. Project Manager/Engineer performed engineering services for preparation of comprehensive Stage 0 and Environmental Study for the 3.8 mile I-49 Inner City Connector corridor through Shreveport. The project identified alternative routes to connect the existing I-49/I-20 interchange to the proposed I-49/I-220 interchange. Responsibilities included development of the design criteria, typical sections, analysis of horizontal and vertical alignment alternative, right of way requirements, and opinion of probable costs in accordance with all LDOTD/AASHTO Manuals, and participation in public meetings.
01/01 - 02/10	I 49 North (LA 1 – LA 173), Caddo Parish, LA. Project Manager/Engineer: Performed engineering services for preparation of preliminary and final roadway plans for an extension of I-49 North. The project extended 5.5 miles beginning at Junction LA 1 and ending at Junction LA 173 north of Shreveport, LA. Responsibilities included project management, hydraulic analysis of Twelve Mile Bayou, Doe Slough Canal, and levee crossings, design of horizontal and vertical alignments for I-49 and crossing roadways, and roadway ramp design at I-49/LA 1 and I-49/LA 173. Initial project scope included only preliminary design, which was completed in 2003. Preparation of final design began in 2009 and was completed in 2010.
01/01 – 12/04	LA 3132, Inner Loop Extension (Industrial Loop – LA 523), Shreveport, LA. Project Manager/Engineer: For engineering services for the LA 3132 Inner Loop Extension (Industrial Loop LA 526 – LA 523) The project extended 1.44 miles in a southeasterly direction beginning west of the intersection of LA 3132 and the Industrial Loop LA 526 and ending at the proposed intersection with LA 523 (Flournoy-Lucas Road).

Firm employed by: EJES, 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 specified in the applicable MPR(s).

	<p>Project included design of bridge over Bert Kouns Industrial Loop. Services included preparation of NEPA Environmental Assessment, preliminary/final roadway, bridge plans and right-of-way maps. The project required coordination with the realignment and widening project for LA 523 that was designed by others. Responsible for drainage design and geometric design of roadway, ramps and access roads. Also, designed tie-ins to the existing Inner Loop as well as ramp ties to LA 523. Also responsible for coordination of the bridge layout and profile based on previous EA studies.</p>
01/06 – 07/12	<p>Bellevue Road, Bossier Parish, LA. Project Manager/Engineer: Provided development of construction plans and specifications for improvements to Bellevue Road. Proposed improvements consisted of widening 2.5 miles of existing 2-lane asphalt roadway with roadside ditches to three lane asphalt roadway (two travel lanes, with center turn lane). Approximately 1.75 miles of the project was designed with curb and gutter and subsurface drainage to minimize right-of-way requirements. The remaining 0.75 miles was designed with roadside ditches. Hydraulic analysis of existing, proposed, and off-site drainage, coordination of the railroad crossing, and realignment of side roads for improved sight distance were required. Project also required preparation of clearing/grubbing plans and specifications for clearing of the existing and required right-of-way. Services also included construction administration.</p>
01/03 – 09/14	<p>Hamilton Road, Bossier City, LA. Project Manager/Engineer: For a local urban systems project to provide a complete EA in accordance with NEPA and Roadway Design for the widening of the existing two-lane road to four lanes with 10 ft. median, subsurface drainage, and sidewalks. Project also required widening the existing underpass of KCS Railroad and design an overpass of the Union Pacific Railroad. The Hamilton Road corridor is approximately 2-miles of existing roadway and approximately 0.25-miles of proposed new alignment roadway. Responsible for the roadway horizontal/vertical design and coordination between the City of Bossier City, LaDOTD, and KCS Railroad and Union Pacific Railroad companies.</p>
06/14 - 02/15	<p>I-20 and Garrett Road Drainage, Monroe, LA. Senior Project Manager: Provided subsurface design and hydraulic analysis for a frontage road along I-20 at Garrett Road in Monroe, LA. The 2-lane asphalt frontage road was approximately 4,000 ft. in length and included concrete curb and gutter. The drainage design was performed according to LaDOTD standards, and the hydraulic analysis was performed utilizing the LaDOTD hydraulic software programs.</p>
02/09 – 11/10	<p>Desoto Parish Road Rehab, Desoto Parish, LA. Project Manager: Developed a roadway rehabilitation plan to improve substandard paving at various locations throughout the Parish network. Desoto Parish's initial plan was to rehabilitate 32 miles of substandard roadway at various locations throughout their system. A massive amount of oil and gas activities were underway at the time of the project, and the heavy drilling equipment and associated material trucks were causing a considerable amount of unforeseen roadway failures. Initial rehabilitation concepts varied from mill/overlay plans to complete reconstruction. In addition, the Parish was interested in widening the existing pavement to meet current traffic capacity demands. The original construction budget allocated for this project was \$14.6 million. EJES was tasked with developing an improvement plan that would meet the Parish's goals where feasible while making the best possible use of the allocated construction budget.</p>

Firm employed by: EJES, Inc.

Shirley Wilson, EI

Civil Design

Years of relevant experience with this employer

14

Years of relevant experience with other employer(s)

2

Degree(s) / Years / Specialization

BS | 2003 | Civil Engineering

Year registered

2005

Active registration number / state / expiration date

27786 | LA | 3/31/2024

Discipline

Civil



Contract role(s) / brief description of responsibilities:

Ms. Wilson will provide Engineering Intern services for the duration of this contract.

Experience dates
(mm/yy-mm/yy)

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

Ms. Wilson has over 6 years of experience in multi-disciplinary Civil Engineering projects. She has experience in roadway design, street rehabilitation, the evaluation of storm and sanitary sewer lines for rehabilitation, design of wastewater treatment plants, water plant improvements, and airport improvement projects. She is responsible for the hydraulic designs in various roadway projects, along with the design of runway, taxiways and access roads

01/06 - 07/12

Bellevue Road, Bossier Parish, LA. Civil Designer: Provided development of construction plans and specifications for improvements to Bellevue Road. Proposed improvements consisted of widening 2.5 miles of existing 2-lane asphalt roadway with roadside ditches to three lane asphalt roadway (two travel lanes, with center turn lane). Approximately 1.75 miles of the project was designed with curb and gutter and subsurface drainage to minimize right-of-way requirements. The remaining 0.75 miles was designed with roadside ditches. Hydraulic analysis of existing, proposed, and off-site drainage, coordination of the railroad crossing, and realignment of side roads for improved sight distance were required. Project also required preparation of clearing/grubbing plans and specifications for clearing of the existing and required right-of-way. Services also included construction administration.

06/14 - 02/15

I-20 and Garrett Road Drainage, Monroe, LA. Civil Designer: Provided subsurface design and hydraulic analysis for a frontage road along I-20 at Garrett Road in Monroe, LA. The 2-lane asphalt frontage road was approximately 4,000 ft. in length and included concrete curb and gutter. The drainage design was performed according to LaDOTD standards, and the hydraulic analysis was performed utilizing the LaDOTD hydraulic software programs.

02/09 - 11/10

Desoto Parish Road Rehab, Desoto Parish, LA. Civil Designer: Provided professional engineering services for the rehabilitation of the existing roadway, including milling/pulverization of existing road, base treatment, base widening, asphaltic concrete overlay, along the installation of signs/pavement markings, spot replacement of damaged drainage structures, grading of existing ditches and application of hydro seeding. Ms. Wilson had a major role in the hydraulic design analysis and the traffic signage.

05/09 - 05/11

Cotton Street Bridge - Alexandria, LA. Civil Designer: Provided the initial subsurface drainage and ditch grading design. This project involved the designing of a bridge over a bayou to connect Cotton Street on the north to two one-way streets on the south end.

Firm employed by: Volkert, Inc.

Jonathan Gambino, PE, PTOE, RSP1

Senior Project Engineer / Traffic

Years of relevant experience with this employer

2

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 | 9/30/2023

Discipline

Civil



Contract role(s) / brief description of responsibilities:

Mr. Gambino will serve as Senior Project Engineer for the duration of this contract. Mr. Gambino fulfills MPR's 3 & 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 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)
- ▼ ATSSA Flagger Certification
- ▼ RSP1 (#587)
- ▼ ATSSA Traffic Control Technician Certification
- ▼ Traffic Engineering Analysis Process & Report, Module 1, 2, 3 (2019)

07/2021 - 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 specified in the applicable MPR(s).
02/2020 -11/2021	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.
10/2015 - 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.
08/2017 - 02/2020	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 LA DOTD.
09/2020 - 09/2021	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.
06/2017 - 06/2018	I-10 Widening Design/ Williams Blvd. Interchange to Veterans Blvd. Interchange Mr. Gambino served as Project Engineer. This project involved the widening of I-10 between the Williams Boulevard and Veterans Boulevard interchanges in Jefferson parish. The total project length was 1.85 Miles. The project consisted of constructing one 12' additional lane with a 12' inside shoulder along I-10 eastbound and westbound roadways with median barrier. Additionally, an auxiliary lane was added to the outside of the eastbound roadway from the entrance at Power Boulevard to the exit at Veterans Boulevard. As a part of this project, the existing bridges over Canal No. 3 and Veterans Boulevard were replaced, and sound barriers were constructed on the north side of the I-10 westbound bridges. Volkert was responsible for the development and road design, drainage design and Traffic Management Plans.

Firm employed by: Volkert, Inc.

Alyssa Bienes, PE, PTOE

Project Engineer / Traffic

Years of relevant experience with this employer

1

Years of relevant experience with other employer(s)

5

Degree(s) / Years / Specialization

BS | 2017 | Civil Engineering

Year registered

2021

Active registration number / state / expiration date

45767 | LA | 3/31/2024

Discipline

Civil



Contract role(s) / brief description of responsibilities:

Ms. Bienes will serve as Project Engineer for the duration of this contract. Ms. Bienes 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 specified in the applicable MPR(s).

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

- ▼ Professional Traffic Operations Engineer
- ▼ ATSSA Flagger Certification
- ▼ ATSSA Traffic Control Technician Certification
- ▼ Traffic Engineering Analysis Process & Report, Module 1, 2, 3 (2018)

07/2021 - Ongoing

IMR Highland Road to LA 73, East Baton Rouge and Ascension Parishes, LA (LA DOTD) | 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. Ms. Bienes developed the Data Collection Reports and Phase 1 Deliverable. A particularly challenging aspect of the data collection process was the demand estimation which Ms. Bienes completed in direct coordination with LADOTD. The IMR also required a VISSIM model and Ms. Bienes is developing the model to meet LADOTD calibration requirements.

07/2021 - 07/2024 (est.)

SW Regional Airport Blvd & SW I Street | This project included the traffic study for the intersection of SW Regional Airport Rd (Hwy 12) at SW I St in Bentonville, Arkansas. The objective of the study was to evaluate the existing and projected operating conditions and develop improvements for the intersection. Ms. Bienes completed the traffic data collection, intersection analysis, development and analysis of alternatives. She also presented all findings in a report and has begun the signal design for the chosen build alternative.

Firm employed by: Volkert, Inc.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).
01/2020 – Ongoing	IH-35 Capital Express North The I-35 Capital Express North project proposes to add one non-tolled high-occupancy vehicle managed lane in each direction along I-35 from SH 45 North to US 290 East. Ms. Bienes helped incorporate comments on the signal plans. She also developed a system to ensure that all comments were addressed and logged.
<i>Prior to joining Volkert: 2/2016 – 12/2018</i>	LADOTD, Loyola Interchange IMR Ms. Bienes was a project team member for an Interchange Modification Report in Kenner, LA. The interchange is recommended to be improved based on the relocation of the airport terminals which will divert traffic through this interchange. Ms. Bienes has worked on traffic volume development, including isolating airport traffic from background volumes and determining the origin of airport related trips. Worked on the VISSIM base model creation and report development. Aided in the preparation for and conduction of all public involvement events. Created summaries of all public involvement events.
<i>Prior to joining Volkert: 2/2016 – 12/2018</i>	I-10 Environmental Assessment Ms. Bienes was a team member working on the project to increase capacity of I-10 in East and West Baton Rouge parishes. Ms. Bienes was responsible for safety tasks which included reviewing crashes and correcting crashes in DOTD master spreadsheet. Ms. Bienes also worked on the Enhanced Interchange Safety Analysis Tool tasks included dividing into segments, inputting cross section, roadside, ramp, traffic and crash data. Ms. Bienes completed Vissim tasks included inputting volumes and checking volume input and output. Ms. Bienes aided in field observations included collecting data regarding queue lengths and unmet demand at intersections of interest. Ms. Bienes conducted operational analysis of existing and projected conditions using Synchro Software. Ms. Bienes utilized a TransCAD model to develop a growth rate as well as redistribute trips on a modified interchange.
<i>Prior to joining Volkert: 2/2016 – 12/2018</i>	Muddy Creek TIA Ms. Bienes was a team member working on the Traffic Impact Analysis (TIA) for a new residential development in Ascension Parish, LA. Ms. Bienes assisted in data collection including volume collection in the area of the proposed development. She led field observation tasks used to make decisions about sight distances. She conducted existing and projected conditions capacity analysis and roadway capacity analysis. She conducted turn lane warrants.
<i>Prior to joining Volkert: 2/2016 – 12/2018</i>	Linear Park Ms. Bienes was a team member working on the Traffic Control Device Plan (TCDP) for the lane closures required for the ground/soil testing prior to the removing of transmission poles in the median of Convention Center Blvd in New Orleans, LA. Ms. Bienes aided in the design and production of TCDP to shift downbound vehicular traffic to the parking lane and close the median openings in the project area.
<i>Prior to joining Volkert: 2/2016 – 12/2018</i>	Houma Mixed Use TIA Ms. Bienes was a team member working on the Traffic Impact Analysis (TIA) for a new mixed-use development in Houma, LA. Ms. Bienes assisted in data collection including volume collection in the area of the proposed development. She conducted existing and projected conditions capacity analysis and roadway capacity analysis. She conducted turn lane warrants.
<i>Prior to joining Volkert: 2/2016 – 12/2018</i>	H. 013076.5-1 US 90 TMP Ms. Bienes aided in the Level 3 Transportation Management Plan (TMP) for bridge repairs on US 90 over I-10 in Calcasieu Parish, LA. Ms. Bienes collected crash data, reviewed individual crashes, created collision diagrams and conducted a full safety analysis of the area.

BRIDGE DESIGN

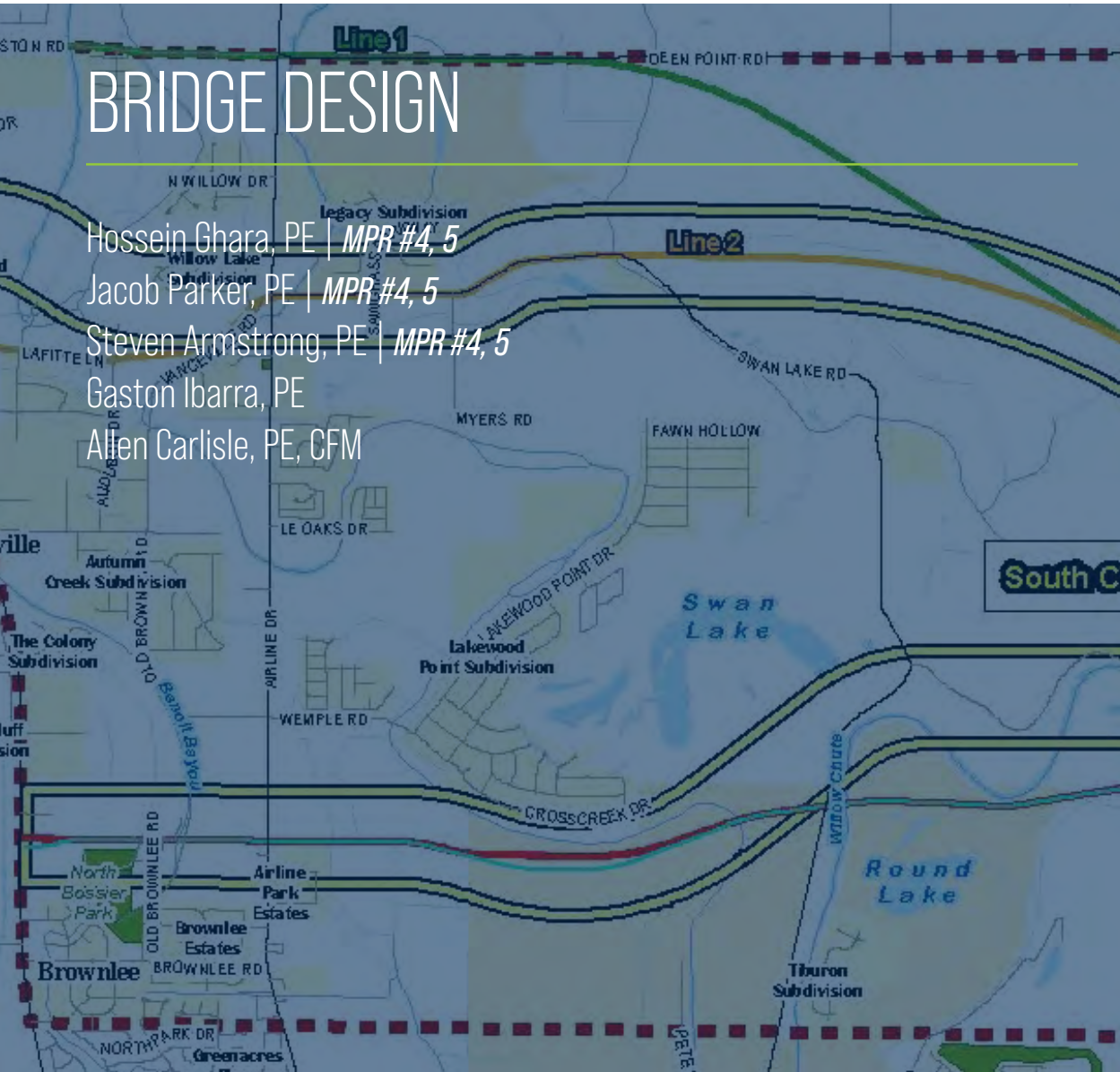
Hossein Ghara, PE | *MPR #4, 5*

Jacob Parker, PE | *MPR #4, 5*

Steven Armstrong, PE | *MPR #4, 5*

Gaston Ibarra, PE

Allen Carlisle, PE, CFM



Firm employed by: Volkert, Inc.

Hossein Ghara, PE, MBA

Structural / Bridge Design Engineer

Years of relevant experience with this employer

4

Years of relevant experience with other employer(s)

44

Degree(s) / Years / Specialization

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

Year registered

1980

Active registration number / state / expiration date

18899 | LA | 3/31/2025

Discipline

Civil



Contract role(s) / brief description of responsibilities:

Mr. Ghara will be serving as Project Engineer. Mr. Ghara will fulfill Minimum Personnel Requirements #4 & 5 for the duration of this project.

Experience dates
(mm/yy-mm/yy)

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

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 LA DOTD State Bridge Engineer for 12 years. In this capacity, he administered and managed a major Section in Louisiana DOTD as an appointing authority overseeing staff ranging from 65 to 110 people, comprising of primarily Civil and Structural Engineers, Electrical and Mechanical Engineers as well as many Engineering Technician. 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 IJIA 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 (IJIA) Off-System Bridge Program. Mr. Ghara is the Senior Project Manager assisting in the Phase 1 preliminary screening matrix and bridge selection process based on a set budget provided; ultimately moving the selected bridges to construction while coordinating with the DOTD and local stakeholders. Volkert is performing Hydraulic Analysis and Bridge Design services. Volkert will evaluate each site and provide a recommended drainage alternate type and applicable dimensions, as well as perform the hydraulic design of the drainage structure in accordance with the LA DOTD 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 OGM 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

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 specified in the applicable MPR(s).

	<p>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.</p>
04/18- 01/20	<p>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 DOTD roadway classification.</p>
05/19 - 07/20	<p>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.</p>
06/20 -8/24	<p>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.</p>
09/18 - 07/20	<p>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.</p>
09/18 - 06/19	<p>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.</p>
<i>Prior to Joining Volkert</i>	<p>Mr. Ghara served as the Louisiana DOTD State Bridge Engineer for 12 years. In this capacity, administered and managed a major Section in Louisiana DOTD as an appointing authority overseeing staff ranging from 65 to 110 people, comprising of primarily Civil and Structural Engineers, Electrical and Mechanical Engineers as well as many Engineering Technician. Mr. Ghara oversaw the State's Bridge Preservation Program which resulted in an average yearly bridge construction program of \$180M in addition of \$50 to \$100M of On and Off System Bridge Construction projects. Mr. Ghara oversaw Four Structural Design offices, each managed by an administrator serving the State Bridge Engineer as assistants. Consultant Management, Bridge Rating, Mechanical Engineering, Electrical Engineering. As State Bridge Engineer, he was the primary and the only voting member of the American Association of State Highways and Transportation Officials AASHTO Subcommittee on Bridges and Structures. While serving as State Bridge Design Engineer, he participated in the replacement and restoration of several major bridge structures such as the 1-10 Twin Spans, US 90 Vertical Lift Bridge over the Inner Harbor Navigation Canal in Danziger, US 11 Bridge over Lake Pontchartrain and several other Movable Bridges.</p>

Firm employed by: Volkert, Inc.

Jacob Parker, PE

Structural / Bridge Design Engineer

Years of relevant experience with this employer

4

Years of relevant experience with other employer(s)

17

Degree(s) / Years / Specialization

BS | 1998 | Civil Engineering

Year registered

2003

Active registration number / state / expiration date

30596 | LA | 9/30/2023

Discipline

Civil



Contract role(s) / brief description of responsibilities:

Mr. Parker will serve as Project Engineer. He will fulfill Minimum Personnel Requirements #3 & 4 for the duration of this project.

Experience dates
(mm/yy-mm/yy)

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

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.

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 (LA DOTD). 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.

05/19 - 12/21

I-220/I-20 Interchange Improvements to BAFB Access Design-Build, Bossier Parish, LA (LA DOTD). 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.

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 specified in the applicable MPR(s).
	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 (est.)	Reconstruction of the Chalmette Slip, Wharves A & F St. Bernard Port Harbor & Terminal District St. Bernard Parish Arabi, LA. Mr. Parker served as Engineer of Record for Design which consisted of demolition and reconstruction of remaining original wharves at the Arabi Terminal. Reconstruction consisted of cast in place deck on precast concrete girders resting on precast concrete caps and supported by large diameter steel pipe pile bents supporting loads from 750 psf to 1000 psf or wheel loads from fully loaded forklift. Precast prestressed concrete box beams were used as edge beams and designed to take lateral loads from the berthing of ships. Bents were designed to absorb mooring loads and berthing loads. An upper and lower combination fender system was developed to handle both large vessels (upper) and barges (lower) so as to protect the superstructure and substructure from vessel impact. At grade portions of the wharves consisted of timber pile supported concrete slab designed to support 1000 psf or wheel loads from a fully loaded forklift, whichever controlled. Wharves were designed to comply with the following design codes and specifications: Various Port Facility Related Uniform Facilities Criteria (UFC), International Building Code (IBC), American Concrete Institute (ACI), and American Society of Civil Engineers (ASCE) Design of Marine Facilities Specification.

Firm employed by: Volkert, Inc.

Steven Armstrong, PE

Project Engineer / Bridge Design

Years of relevant experience with this employer

<1

Years of relevant experience with other employer(s)

8

Degree(s) / Years / Specialization

MS / 2021 / Civil Engineering
BS / 2015 / Civil Engineering
Graduate Certificate / Coastal Engineering / 2018
Graduate Certificate / Coastal Sciences / 2018

Year registered

2020

Active registration number / state / expiration date

44405 / LA PE / 09/30/2024

Discipline

Civil



Contract role(s) / brief description of responsibilities:

Mr. Armstrong will serve as Project Engineer for the duration of this contract.

Experience dates
(mm/yy-mm/yy)

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

Mr. Armstrong joined Volkert in 2022 as a civil and environmental engineer. Mr. Armstrong has a strong background in the construction oversight of coastal and ecological construction projects, proposal writing and budget creation, 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, concrete and timber foundations; and high-resolution acoustic imaging of underwater structures. Mr. Armstrong is part of a highly qualified group of teams that regularly accomplish the most challenging projects to mitigate problems and discover solutions. His studies at the University of New Orleans emphasized coastal, hydraulic, environmental, and structural engineering principles. Mr. Armstrong's certifications include:

- ▼ Specialized Rope Access Technician, Level I No. 190893
- ▼ ADCI Surface-Supplied Air Diver No. 54875
- ▼ DCBC Restricted Surface Supplied Air Diver No. 20160862
- ▼ NHI Course No. 130055: Safety Inspection of In-Service Bridges, 2018
- ▼ NHI Course No. 130053: Bridge Inspection Refresher Training, 2022
- ▼ NHI Course No. 130091: Underwater Bridge Inspection, 2016
- ▼ NHI Course No. 130087: Inspection & Maintenance of Ancillary Highway Structures, 2017
- ▼ NHI Course No. 135047: Stream Stability & Scour at Highway Bridges for Bridge Inspectors, 2018

09/22 - 09/27 (est.)

Louisiana Department of Transportation Development, District 04 IJA Off-System Bridge Program. 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. Armstrong is the Engineer assisting in the Phase 1 preliminary screening matrix and bridge selection process based on a set budget provided; ultimately moving the selected bridges to construction while coordinating with the DOTD and local stakeholders. Volkert is performing Hydraulic Analysis and Bridge Design services.

Prime consultant name: Volkert, Inc.



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 specified in the applicable MPR(s).
	Volkert will evaluate each site and provide a recommended drainage alternate type and applicable dimensions, as well as perform the hydraulic design of the drainage structure in accordance with the LA DOTD Hydraulic Design Guidelines for the Off-System Bridge Replacement and Rehabilitation Program manual.
10/22 - 10/23 (est.)	Louisiana Department and Transportation and Development (LaDOTD), IJA Off-System Bridge Replacement Program; District 04, LA. Engineer who assists in the implementation and management of the DOTD's Infrastructure Investment and Jobs Act (IIJA) 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.
12/22 -12/23 (est.)	Coastal Protection and Restoration Authority (CPRA), General Engineering Services for CPRA Projects, LA. IDIQ Contract for general engineering and related services required to implement the projects provided for in the CPRA's Master Plan and Annual Plan. Task 3: Grand Bayou Ridge Restoration Project (BA-0256), Plaquemines Parish, Louisiana. Project Manager for the implementation and design of this project tasked to restore approximately 30,500 linear feet of forested ridge habitat, and the backfilling/closing of two existing canals. The project is funded for engineering through a grant issued by the National Fish and Wildlife Foundation (NFWF). The project is currently in the initial phases of data gathering.
09/22 - 09/22	City of Shreveport, Department of Water and Sewerage, LA. Volkert has an on-call engineering design contract with the City. Task-1: Improvements and Repairs to Cross Lake Dam and Spillway. Engineer and team member tasked with the inspection and evaluation of an existing spillway gate structure. Tasks include analysis of the gate in STAAD where Mr. Armstrong performed the analysis check, recommendations for repair or replacement of the gate and all engineering related services.
<i>Prior to Joining Volkert</i>	Louisiana Department of Transportation and Development (LADOTD) IDIQ Contract for In-Depth Bridge Inspections, Statewide (Subconsultant to HNTB). Member of the MGN inspection team for the current IDIQ contract to perform routine bridge inspections throughout Louisiana, including 100 percent visual inspections in accordance with National Bridge Inspection Standards (NBIS) requirements. Task 1, HNTB LADOTD In-Depth Bridge Inspection Statewide. Team member, tasked to perform a complex bridge inspection of the cable-stayed Audubon Bridge above the deck utilizing rope access techniques in St. Francisville, LA. Drone pilot responsible 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.
<i>Prior to Joining Volkert</i>	Louisiana Department of Transportation and Development (LADOTD) IDIQ Contract for In-Depth Bridge Inspections, Statewide (Subconsultant to Gresham Smith). Member of the MGN inspection team for the current IDIQ contract to perform routine bridge inspections throughout Louisiana, including 100 percent visual inspections in accordance with National Bridge Inspection Standards (NBIS) requirements. Task 1, Gresham IDIQ Contract for In-Depth Bridge Inspection Statewide. Team member, tasked to perform an in-depth bridge inspection of the inside of a segmental concrete box girder in Boyce, LA. Steven helped set up access to the sight using man-lifts and fall protection techniques to prepare for the confined space inspection. 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. 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.

Firm employed by: Volkert, Inc.

Gaston Ibarra, PE

Project Engineer

Years of relevant experience with this employer

4

Years of relevant experience with other employer(s)

0

Degree(s) / Years / Specialization

BS | 2018 | Civil Engineering

Year registered

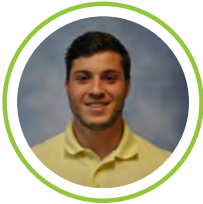
2023

Active registration number / state / expiration date

47844 | LA | 09/30/2023

Discipline

Civil



Contract role(s) / brief description of responsibilities:

Mr. Ibarra will provide Engineering services for the duration of this contract.

Experience dates
(mm/yy-mm/yy)

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

Mr. Ibarra joined Volkert’s Baton Rouge office in July 2018 and graduated from LSU in December 2018. He took his fundamentals exam in October 2018. Since joining Volkert his experience has included roadway and bridge infrastructure design assistance. He has lived in Central and South America for approximately 19 years and fluently communicate verbally and written in both Spanish and English.

02/20 – 08/24 (est.)

LA 23: Belle Chasse Bridge and Tunnel (HBI) Improvements. Mr. Ibarra is serving as part of the QA/QC contract compliance team performing internal QA design audits 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 OGM 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.

01/20 – 01/21

Roundabout at Highway 929 and Highway 930 in Prairieville, LA for Ascension Parish. Mr. Ibarra served as Project Intern for the Move Ascension program Volkert was assigned a task order to develop plans for a Roundabout Highway 929 and Highway 930, Prairieville, LA. The roundabout will replace the existing stop-controlled intersection and consists of a single lane asphalt roundabout. The roundabout will be designed through SIDRA, AASHTO, and Louisiana DOTD standards.

01/18 – 09/20

Causeway Shoulder Bay Design, Jefferson and St. Tammany Parishes, LA (Greater New Orleans Expressway Commission). Mr. Ibarra served as Project Intern and provided quantity takeoffs during various stages of design. Volkert was selected to design essential and long-awaited shoulder additions. The bridge shoulders will provide a safe space for disabled vehicles to pull over out of traffic. They will also increase safety for motorists and emergency personnel in the event of a crash. This project was executed using the CMAR alternative delivery method, a first for the State of Louisiana.

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 specified in the applicable MPR(s).
05/18 - 05/19	Plank Road, East Baton Rouge Parish, LA, Baton Rouge Metropolitan Airport. Mr. Ibarra served as Project Intern for this project to relocate Plank Road along a new alignment. The project includes ROW acquisition and all the design for a new 4 lane highway with J-turns. It also includes ROW acquisition and all the design for additional lanes along Harding and Hooper Road. It also includes a new lighting system and new signalized intersection. Volkert is providing design, environmental permitting, and ROW acquisition for the relocation of Plank Road on a new alignment. This project is an Airport project, funded by FAA, but the road will be transferred to LA DOTD. Volkert is also providing coordination between sub-consultants, the airport, FAA, and LA DOTD.
07/19 - 12/19	Formosa Heavyhaul Bridge Coastal Bridge Co., LLC, Statewide, Louisiana. Mr. Ibarra served as Project Intern for this project. Volkert is the prime consultant for this design-build project that involves the design of a continuous span bridge that is to hold extremely heavy loads crossing multiple lines of railroad tracks. It is a unique design that involved special design considerations for the bridge, retaining walls, crash walls, and the drainage design. It included a drainage design that incorporated trench drains to withhold extra heavy-duty loads.
01/22 - 01/23 (est.)	Reconstruction of Chalmette Slip Design for the St. Bernard Port Harbor & Terminal District. Mr. Ibarra is serving as engineering support assisting with the design of the super and substructures. Volkert was selected as Design Engineer and during the early design report development it became clear that the owner had more scope than available dollars. With TIGER Grant funding all funds need to be utilized and it was unfeasible to combine traditional bid alternatives to achieve this. Volkert requested that the project be considered for CMAR procurement and the owner agreed. 15% Design documents and alternatives were provided for the CMAR contractor procurement. Boh Bros. was selected as the CMAR contractor and the pilot piling package for a test pile is under negotiation and design at 60%. Construction should begin in mid-2020. Volkert is responsible for design, partnering, independent cost estimating and working with the contractor for Value Engineering.

Firm employed by: Volkert, Inc.

Allen Carlisle, PE, CFM

Project Engineer / Bridge Hydraulics / Scour Analysis

Years of relevant experience with this employer

1

Years of relevant experience with other employer(s)

12

Degree(s) / Years / Specialization

BS / 2009 / Civil Engineering

Year registered

Applied For LA PE License

Active registration number / state / expiration date

N/A

Discipline

Civil



Contract role(s) / brief description of responsibilities:

Mr. Carlisle will serve as Hydraulics / Bridge Scour Analysis Engineer for the duration of this contract.

Experience dates
(mm/yy-mm/yy)

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

Mr. Carlisle joined Volkert in 2022. He is experienced in open channel hydraulics, watershed analyses, FEMA SFHA concerns, and bridge hydraulic design. Proficient in one-dimensional and two-dimensional modeling, hydrology, and bridge scour estimation. Familiar with general site development drainage including storm sewer and detention / retention design. Have performed project engineer duties including scheduling, staff resource allocation, and project cost estimation. Mr. Carlisle’s certifications include:

- ▼ Professional Engineer: MS PE #25142
- ▼ Professional Engineer: TN PE #127039
- ▼ Professional Engineer: AR PE #21204
- ▼ Professional Engineer: NC PE #054862
- ▼ Professional Engineer: FEMA Certified Floodplain Manager (CFM), # US-15-08394
- ▼ MDOT/NHI Stormwater Training Program
- ▼ MDOT/NHI Br. Scour Training Program
- ▼ MDOT/NHI Culvert Training Program
- ▼ AutoCad Civil 3D
- ▼ ArcGIS / ArcMap
- ▼ Microstation
- ▼ Hydraulic Design 1D & 2D HEC-RAS & SMS/SRH-2D
- ▼ HEC-HMS
- ▼ Open Channel Hydraulic Design
- ▼ Urban Drainage
- ▼ Stormwater Routing

08/22 - 10/22

Jackson-Medgar Wiley Evers International Airport Access Road, for Jackson International Airport (JAN). Hydraulic Engineer for Volkert performed hydrologic and hydraulic computations to design Crossdrain culverts for the airport east access haul road in Rankin County, MS. The hydrology utilized procedures outlined the Mississippi Department of Transportation (MDOT) Drainage Manual. A HEC- RAS hydraulic model was developed to analyze and design the required culvert size, length, and slope for the haul road.

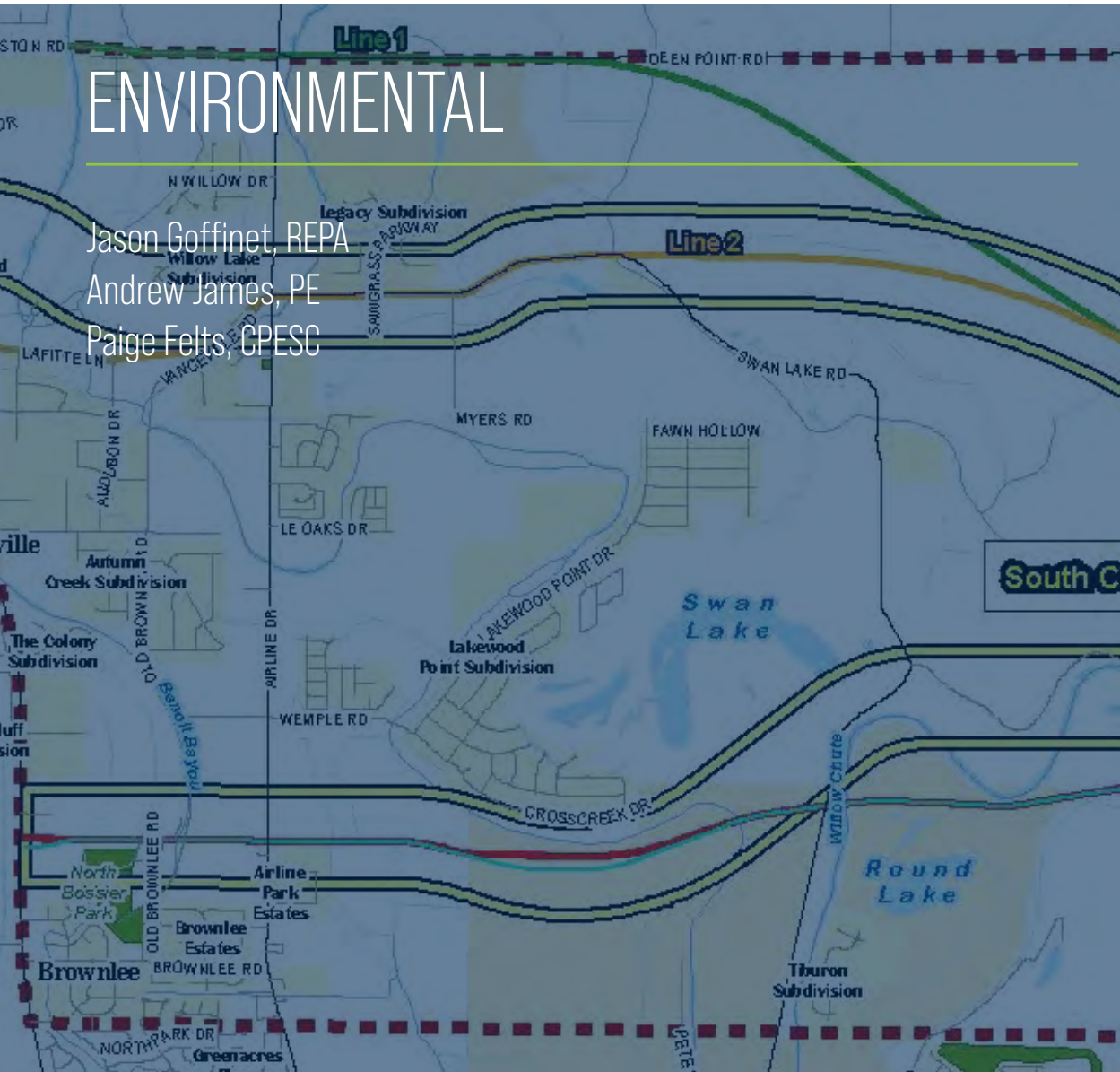
07/22 - 01/23

Crooked Creek Street, for ArDOT. Hydraulic Engineer for Volkert performed hydraulic design for bridge replacement in Lonoke County, Arkansas. The design included hydrology computations, a one-dimensional HEC-RAS hydraulic model, and scour / countermeasure design for the proposed bridge replacement. Coordination with the client and other team members was vital to develop the best bridge replacement alternative for the subject site.

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 specified in the applicable MPR(s).
08/22 - 11/22	Hwy 103, for ArDOT. Hydraulic Engineer for Volkert performed hydraulic design for a culvert replacement in Carroll County, Arkansas. The design included hydrology computations, a one-dimensional HEC-RAS hydraulic model, and scour / countermeasure design for the proposed culvert replacement. The overall culvert slope was optimized to prevent supercritical flow from create scour / erosion problems at the site.
10/22 - 12/22	Maryville Pedestrian Bridges 2022, for City of Maryville, TN. Hydraulic Engineer for Volkert performed hydraulic modeling for 5 pedestrian bridge replacements in Maryville, Blount County, Tennessee. The effort utilized the effective FEMA hydrology and model to develop an Existing Conditions hydraulic model updated with current topographic data. The pedestrian bridge replacements were then analyzed within HEC-RAS to prove a “No-Rise / No-Impact” condition. After the modeling was completed, a hydraulic report was completed to document the “No- Rise / No-Impact” Certification for the Client and local floodplain administrator.
007/22 - 01/23	River Rock Beasie Road Connection, for Murfreesboro, TN. Hydraulic Engineer for Volkert performed hydraulic modeling and analysis for a proposed connector road in Murfreesboro, Tennessee. The effort utilized the effective FEMA hydrology and model to develop an Existing Conditions hydraulic model updated with current topographic data. The proposed bridge was then included within the model, along with other improvements to mitigate the impact of the proposed crossing. After the modeling was completed, a hydraulic report was created to document a “No-Rise / No-Impact” Certification for the Client and local floodplain administrator. Additionally, since the Existing Conditions model was higher than the Effective Base Flood Elevations, a Conditional Letter of Map Revision (CLOMR) was submitted to and approved by FEMA.
07/22 - 12/22	TIR Planning Project SR-17 over South Chickamauga Creek, TN. Hydraulic Engineer. Volkert was selected by the Tennessee Department of Transportation to provide planning and design services for the replacement of a 420', 7-span bridge on SR-17 (Bonny Oaks Drive) over Chickamauga Creek in Hamilton County, Tennessee. The existing bridge consists of 6 approach spans containing concrete T-beams and a main span over the river containing a 162' fracture critical steel truss. Included in Volkert's scope of work is the development of a TIR (Transportation Investment Report) which includes the analysis of multiple alignment alternatives which will be used to determine the location of the new bridge. Preliminary hydraulics design is included in the development of the TIR to assist in determining the best bridge geometry and hydraulic opening considering cost and constructability, while satisfying all local floodplain ordinances, FEMA floodplain regulations, and TDOT design criteria. When developing potential replacement structures, coordination with other bridge design team members and consideration of existing site constraints will be important, as it is noted the horizontal roadway alignment is restricted by existing Norfolk Southern and CSX railroad bridges located along SR-17 near the bridge replacement site. Another challenge to be considered as part of the geometric and hydraulic design of this project is that of a pedestrian bridge that carries a greenway across Chickamauga Creek and threads beneath the SR-17 bridge between one of the abutments and piers. HEC-RAS hydraulic modeling will be used to assess the proposed bridge alternatives within the Chickamauga Creek floodplain, utilizing the latest site survey data supplemented with available LiDAR elevation data. The resulting alternative impacts will be documented within a hydraulic report and a bridge recommendation will be presented.

ENVIRONMENTAL

Jason Goffinet, REPA
Andrew James, PE
Paige Felts, CPESC



Firm employed by: Volkert, Inc.

Jason Goffinett, REPA

Environmental

Years of relevant experience with this employer

1

Years of relevant experience with other employer(s)

12

Degree(s) / Years / Specialization

BS / 2009 / Civil Engineering

Year registered

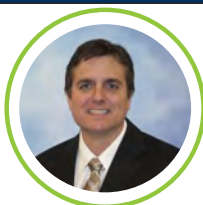
N/A

Active registration number / state / expiration date

N/A

Discipline

N/A



Contract role(s) / brief description of responsibilities:

Mr. Goffinett will provide Environmental services for the duration of this contract.

Experience dates
(mm/yy-mm/yy)

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

Mr. Goffinett has over 27 years of experience in preparing environmental documents including EISs, EAs, CEs, and corridor/feasibility studies for transportation projects in accordance with the National Environmental Policy Act of 1969 (NEPA) [42 U.S.C. 4321 et. seq.]. His experience encompasses all stages of project development beginning with the development of the concept, preparation of the need and purpose statement, justification of the termini and continuing through the agency coordination, community outreach and public involvement process, preparation of the NEPA document and subsequent re-evaluations and preparation of construction permits. He has written NEPA documents that address a multitude of complex issues including community, socio-economic and demographic impacts, impacts to resources protected under Section 4(f) (publicly owned parks, wildlife refuges, historical sites), Section 6(f) (lands acquired with Land and Water Conservation Act funds), Section 106 (historic resources), Section 7 (protected species), Section 404 (waters of the US including wetlands), EO 12898 (Environmental Justice), FHWA’s EJ Order 6640.23A, DOT’s EJ Order 5610.2(a), and EO 13166 (Limited English Proficiency). Mr. Goffinett has also written numerous technical reports including EJ community impact assessments and indirect and cumulative impact assessments and has performed air quality assessments and complex noise analyses using the latest models. He has served as a Senior Project Planner and Environmental Project Manager with responsibility for coordinating and preparing environmental documents for federal, state, municipal, and private sector projects. He has managed NEPA documents and provided community outreach/public involvement services in the multiple states. Mr. Goffinett’s certifications include:

- ▼ Registered Environmental Property Assessor (REPA) #6309 (2007)
- ▼ Florida Department of Transportation (FDOT) Traffic Noise Analysis Certificate #175
- ▼ FHWA/ALDOT, Applying Section 4(f): Putting Policy into Practice (NHI Course 142073), 2015
- ▼ GDOT/FHWA Environmental Impact Assessment, 2007; GDOT Plan Development Process Training, 2006
- ▼ FDOT Efficient Transportation Decision-making Training, 2005
- ▼ FHWA/NHI NEPA and Transportation Decision Making Course 14205, 1999; FHWA/ALDOT, Section 4(f) Workshop, 2004
- ▼ FHWA/EPA MOVES 2010 /CAL3HCR Hot-Spot Course, 2011
- ▼ Transportation Research Board Conference AI F04, Transportation-Related Noise and Vibration Conference, 2001
- ▼ TNM Software: FHWA Traffic Noise Model 1.0b (TNM) Course, 1999
- ▼ STAMINA Software: ALDOT, Highway Traffic Noise Analysis Training Course, 2000
- ▼ OPTIMA Software: ALDOT, Highway Traffic Noise Analysis Training Course, 2000
- ▼ TNM Software: FHWA Traffic Noise Model 2.0 (TNM) Course, 2002
- ▼ Traffic Noise Analysis, Course BT-19-0005, FDOT, Environmental Management Office, 2002

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 specified in the applicable MPR(s).

08/11 - 02/21

LA 406 for the New Orleans Regional Planning Commission and the LDO TD, Plaquemines and Orleans Parishes, Louisiana. Environmental Project Manager and NEPA Writer for widening LA 406 between LA 23 (Belle Chasse Hwy) and LA 407 (Gen. De Gaulle Blvd) in Plaquemines and Orleans Parishes, LA for NORPC, coordinated with LDO TD | The project involved a Stage 1 Environmental Assessment to document potential environmental concerns associated with the widening of LA 406 from two to four lanes between LA 23 (Belle Chasse Hwy) and LA 407 (Gen. De Gaulle Blvd). The study corridor for the project was approximately 3.8 miles. Volkert was responsible for completing the EA in accordance with NEPA. Volkert oversaw cultural resource surveys, environmental, drainage design, and topographic surveys and coordinated with LDO TD, FHWA, Plaquemines Parish, and the City of New Orleans to ensure all issues were addressed in the development of the project. Mr. Goffinet was responsible for the environmental analyses and wrote the EA. The EA was approved in 2015.

03/16 - 12/18

I-10/Loyola Drive Interchange Improvements, New Orleans, Jefferson Parish, Louisiana for LADOTD. Volkert prepared the noise and air studies for an EA/FONSI studying modifications to the existing I-10/Loyola Drive Interchange. The modifications are needed to accommodate the increased traffic associated with the relocation of the Louis Armstrong New Orleans International Airport (MSY) terminal. The interchange will become the primary entrance to the terminal and the addition of airport traffic is projected to worsen existing traffic conditions and result in congestion on mainline I-10 in the future. For this reason, the I-10/Loyola Drive Interchange was studied to determine if modifications are necessary to ensure acceptable operating conditions through the 2040 design year. Three (3) proposed build alternatives were evaluated in the NEPA document: a partial clover leaf, a multi-level “stack” interchange with at-grade and flyover ramps, and a diverging diamond interchange with at-grade and flyover ramps. Volkert was tasked to conduct the noise, air, socio-economic and environmental justice analyses for the project and assisted with public involvement activities. The noise analysis was performed using the Federal Highway Administration’s (FHWA) Traffic Noise Model (TNM) Version 2.5. The noise analysis included model validation measurements at 11 locations and highly complex noise modeling that included 1,138 receptor sites. The noise analysis also included the evaluation of several noise barriers including at-grade and structure mounted noise barriers. The draft EA was approved by the FHWA in October 15, 2018. The final EA was approved by the FHWA on December 20, 2018.

02/15 - 08/11

LA 1088, St. Tammany Parish, Louisiana for the LADOTD. Volkert prepared the noise and air studies for an EA/FONSI studying improvements to LA 1088 between LA 59 and the I-12 interchange westbound ramps. The purpose of the proposed improvements to LA 1088 was to reduce existing congestion and accommodate future traffic demands. Operational improvements were also needed due to existing and projected traffic volumes and the poor level of service at the intersections. The total length of the proposed project was approximately 3.5 miles. LA 1088 is a suburban highway which runs generally in a northeasterly direction from the intersection of LA 59 north of Mandeville to an intersection at LA 36 east of Abita Springs. LA 1088 is an undivided two-lane highway from LA 59 for approximately 2.7 miles where it transitions into a four-lane divided section running approximately 0.8 mile to an interchange at I-12. Past the I-12 interchange, LA 1088 continues as a two-lane undivided highway for approximately 7.5 miles to the intersection at LA 36. The entire LA 1088 corridor in St. Tammany Parish. The noise levels were analyzed for the Existing, and future 2033 No-Build and three (3) proposed build alternatives. The noise analysis was performed using the Federal Highway Administration’s (FHWA) Traffic Noise Model (TNM) Version 2.5. The noise barrier analyses were also performed using the TNM model. The final EA was approved by the FHWA in October 2019.

Firm employed by: Volkert, Inc.

Paige Felts, CPESC

Environmental Scientist

Years of relevant experience with this employer

19

Years of relevant experience with other employer(s)

0

Degree(s) / Years / Specialization

BS | 2002 | Civil Engineering
BS | 1998 | Environmental Science

Year registered

N/A

Active registration number / state / expiration date

N/A

Discipline

N/A



Contract role(s) / brief description of responsibilities:

Ms. Felts will provide Environmental services for the duration of this contract.

Experience dates
(mm/yy-mm/yy)

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

Ms. Felts has been with Volkert since 2003 and has 19 years of environmental experience. Her environmental project experience includes environmental permitting, coordination with state and federal regulatory agencies, identifying and delineating wetlands, defining alternatives for avoiding and minimizing impacts to wetland areas, wetland mitigation, submerged aquatic vegetation (SAV) surveys, Phase I Environmental Site assessments (ESA), developing Best Management Practices (BMP) Plans, and threatened and endangered species. Ms. Felts training and certifications include:

- ▼ Certified Erosion Prevention and Sediment Control #8687
- ▼ FDEP Stormwater Management Inspector #28594
- ▼ FEMA IS-00100.b Introduction to Incident Command System ICS-100
- ▼ FEMA IS-00101.a Deployment Basics
- ▼ FEMA IS-00230.a Fundamentals of Emergency Management
- ▼ FEMA IS-00393.a Introduction to Hazard Mitigation
- ▼ FEMA IS-00403 Introduction to Individual Assistance (IA) (DF-10)
- ▼ FEMA IS-00630 Introduction to the Public Assistance Process
- ▼ FEMA IS-00631 Public Assistance Operations I
- ▼ FEMA IS-00632 Intro to Debris Oper. in FEMA's Public Assis. Prg
- ▼ FEMA IS-00700.a National Incident Management System (NIMS), An Introduction
- ▼ Soils, stormwater, and watershed protection, South Alabama Regional Planning Commission (SARPC) and Auburn University
- ▼ Hydric Soils: Specialized Training for Wetland Scientists, Wade Hurt
- ▼ Introduction to Stream Restoration Using Natural Channel Design, Auburn University
- ▼ Phase II Stormwater Regulations and Compliance
- ▼ Phase II Stormwater Site Design
- ▼ Designing for Effective Sediment & Erosion Control on Construction Sites
- ▼ NHI Course # 142005- NEPA and the Transportation Decision Making Process
- ▼ CAL3QHC Version 2.0
- ▼ 24 hour Certification Occupational Safety and Health Administration (OSHA)
- ▼ Endangered Species Act Overview - Duncan & Duncan Wetland and Endangered Species Training

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 specified in the applicable MPR(s).
02/21 - 08/22	Environmental Project Manager for West Alabama Corridor Alternatives Analysis for ALDOT. Volkert is conducting a route study in order to develop alternative routes so that a preferred alignment can be selected by ALDOT prior to Corridor development for a suite of Design Build projects that would connect Thomasville to Tuscaloosa with a 2 to 4-lane widening over 85-miles. As part of the route study Volkert provided preliminary engineering and environmental screening studies and an alternatives analysis report. Volkert has also been selected for the preliminary design, environmental permitting and owner’s representative services for the Thomasville to Tuscaloosa route. (2021 – Fall 2022)
05/21 - 08/22	Environmental Project Manager for Linden Bypass for ALDOT. The scope of work for this project is to construct a new four-lane roadway facility from 1.14 miles south of the State Route (SR) 69/U.S. 43 Intersection on U.S. 43 to SR-69 1.5 miles north of US-43 east of Linden, in Marengo County, Alabama. This multi-purpose facility with typical 64 feet depressed grass median and turn lanes where applicable, will functionally serve as part of the eastern bypass of the City of Linden. As part of this project, SR-69 south of Linden will be extended to U.S. 43 to connect with the new proposed Linden Bypass and Shiloh Street would be realigned to tie in to the proposed bypass. Volkert provided engineering design and environmental studies in order to complete the required NEPA documentation and USACE Section 404 permitting for the project. This included wetland delineation, T&E surveys, and cultural resource studies. (2021 – Fall 2022)
03/16 - 01/18	Environmental Project Manager for Waterway East Boulevard Corridor Study, for the City of Gulf Shores, AL. The project consisted of a corridor study for the extension of Waterway East, from existing Waterway East Boulevard north to south of CR 8, on the Foley Beach Express. It included a preliminary corridor investigation, study alternative developments, environmental studies and public involvement efforts to determine the selected alternative. Volkert conducted engineering and environmental studies in order to complete the required NEPA documentation and permitting for the project. This included wetland delineation, T&E surveys, noise and air analysis, and cultural resource studies. (2016 – 2018)
12/11 - 1/15	Environmental Project Manager for Corridor Study for the Baldwin Beach Express extension in Baldwin County, AL for the Baldwin County Commission. The project consists of preparation of an Environmental Assessment (EA) and Finding of No Significant Impact (FONSI) for the Baldwin Beach Extension project, on CR 83 from I-10 to I-65 in Baldwin County, Alabama. The project begins at the CR 68 overpass over I-10 and terminates at I-65 for approximately 25 miles on both rural and urban roadways. The project also consists of interchange improvements at Bill Davidson Road, US 31, the future site of HK Motors, and I-65. The project also entailed an Interchange Justification Report (IJR) to justify the construction of a new interchange on I-65 between SR 287 interchange and Baldwin County Road 47 interchange. This new interchange is part of the northern termini of a new expressway (Baldwin Beach Express) that will serve to connect I-65 with south Baldwin County beaches. (2011 – 2015)

Firm employed by: Volkert, Inc.

Andrew James, PE

Environmental

Years of relevant experience with this employer

16

Years of relevant experience with other employer(s)

1

Degree(s) / Years / Specialization

MS | 2006 | Civil Engineering
BS | 20005 | 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. James will provide Environmental services for the duration of this contract.

Experience dates
(mm/yy-mm/yy)

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

Mr. James joined Volkert in 2006 and is responsible for a broad area of project design with 17 years of construction and design experience. Mr. James is experienced in feasibility studies, pavement modeling, hydraulic modeling, stormwater management, erosion and sediment control planning, natural stream design, and grants coordination. Mr. James' certifications include:

- ▼ AL PE #30853
- ▼ FL PE #76777
- ▼ GA PE #46663
- ▼ MS PE #20923
- ▼ NC PE #46641

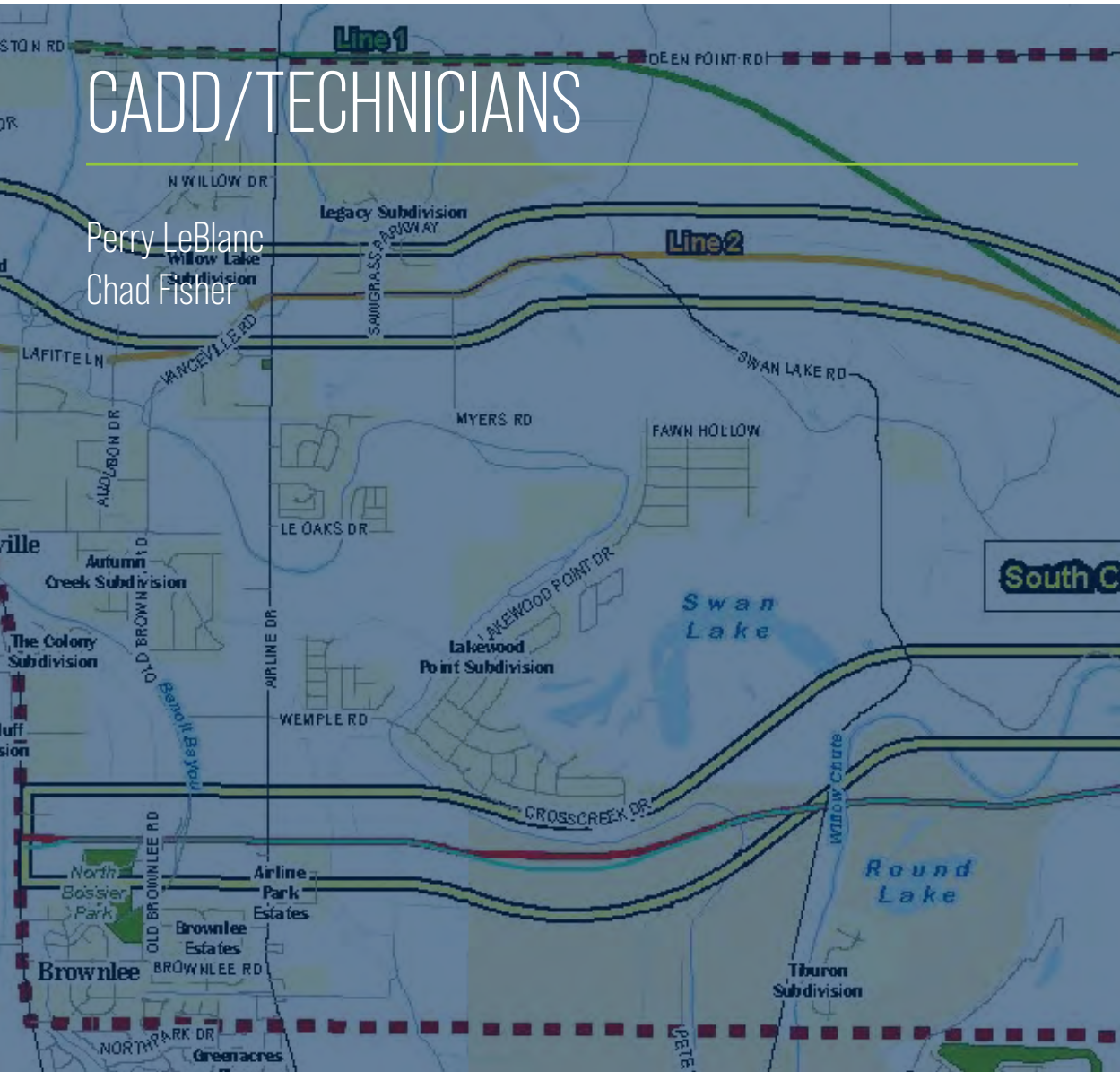
07/17 - 09/19

Project Manager for the Tiawasee Montclair Stream Restoration in for both the City of Daphne and Mobile Bay National Estuary Program in Daphne, Alabama. Highly erodible soils coupled with an urbanized watershed resulted in years of head-cutting of area waterways in Daphne, Alabama. This project sought to restore 1040 linear feet of perennial stream channel which had incised and detached from the adjacent floodplain. To add to the complication of the project the stream crossed nearly twenty different properties and had exposed a sanitary sewer main which services thousands of homes. The project was constructed in two phases through two clients due to funding limitations. The first phase, which was completed in Winter of 2019, was an NRCS funded emergency watershed protection project and restored approximately 300 linear feet of perennial stream channel and stabilized an adjacent stormwater conveyance that due to head-cutting had begun to fail. The second phase was funded in cooperation with Alabama department of Environmental Management Section 319 funds and National Fish and Wildlife Restore act funding. This phase restored 740 linear feet of perennial stream and the adjacent floodplain and was completed in Spring of 2020. The project was selected as the Partners for Environmental Progress Environmental Restoration Project of the Year due to its innovative design and complexity. Mr. James served as the Project Manager and technical lead for the stream design. He performed the geomorphic assessment of the project reach, coordinated the acquisition of nearly two dozen easements, performed 1-dimensional hydraulic analysis of the design, coordinated utility upgrades prior to stream restoration and performed the construction observation for the project.

Firm employed by: Volkert, Inc.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).
	This project won the Environmental Stewardship Award from the Partners for Environmental Progress (PEP) in 2020.
09/19 - 06/22	Project Manager for the Magnolia River Constructed Wetland Feasibility Study in Magnolia Springs, Alabama for the Baldwin County Soil Conservation Service. The Magnolia River is listed as an Outstanding Alabama Waterway and is a true asset to the community, however urbanization coupled with sea level rise represents a risk for increased flooding potential along the watershed. This project assessed various locations for both quantitative and qualitative improvements within the watershed. Specifically, the design reviewed the impact of constructed wetlands within regional stormwater detention facilities to decrease future flooding potential and improve water quality. Mr. James served as the project manager and technical lead for the project performing the geomorphic assessment of the existing reach, developing a water budget for the constructed wetlands and leading the design effort for the natural stream design and design of constructed stormwater wetlands.
12/18 - 12/20	Project Manager for the Bon Secour River Constructed Wetland project in Foley, Alabama for the City of Foley. The 93-acre project included the restoration of 1500 linear feet of perennial stream, invasive species removal and management of 20 acres of existing wetlands, creation of 15 acres of emergent wetlands, and the expansion of nearly a mile of floodplain. Design was completed in 2020 and awaiting funding through the National Fish and Wildlife Foundations Restore Act funding. Mr. James served as the project manager and technical lead for the project performing the geomorphic assessment of the existing reach, developing a water budget for the constructed wetlands and leading the design effort for the natural stream design and design of constructed stormwater wetlands.
10/17 - 07/20	Project Manager for the Stabilization of Rock Creek in Fairhope, Alabama for the City of Fairhope. The City selected Volkert to develop a plan that would result in permanent erosion protection measures for streams at bridge and utility crossings especially at the Rock Creek location. The plan provides a permanent improvement to the stream bed to minimize future erosion that could affect the integrity of the bridge piling and abutment, roadway approaches and other nearby infrastructure and utilities. Volkert is providing design services, hydraulic modeling, environmental permitting compliance, and survey services for this project. Hydraulic modeling is performed for 2, 5, 10, 25, and 100-year storm events.
09/17 - 09/19	Project Designer for the Jackson Creek Floodplain Restoration, Escambia County, Florida. The project involves the restoration of approximately 5 acres of wetlands and the stabilization of approximately 1,800 linear feet of stream along Jackson Creek. Volkert is providing planning, design, coordination, easement acquisition, and permitting services. This project is being funded through a grant from the National Fish and Wildlife Foundation (NFWF) Gulf Environmental Benefit Fund (GEBF). (2019)
04/15 - 01/19	Project Engineer for Ten Mile Creek Stream Stabilization, Escambia County, FL for the Escambia County Commission. The project consisted of stabilizing approximately 1,900 linear feet of Ten Mile Creek, located in the Eleven Mile Creek Drainage Basin and Perdido Bay Watershed, which was substantially damaged during the April 2014 rain event which severely impacted the stream along the Perdido Bay Watershed. Volkert provided professional engineering and environmental services including development of construction documents with specifications, watershed assessments, engineering analysis, environmental permitting, NRCS coordination and approval, stormwater design and modeling, and utility coordination.
03/10 - 01/12	Project Manager for the Restoration of the D'Olive Creek Tributary in Daphne, Alabama for the Mobile Bay National Estuary Program. The project consisted of 1,200 linear feet of restoration and stabilization of a stream bed which required excavation of a new and wider floodplain in combination with in-stream flood structures for increased flood retention, resulting in decreased in-channel flow/velocity that would also restore nearby wetlands and mitigate future wetland delineation efforts. Volkert provided engineering, environmental, and monitoring services. (Design 2016/Construction 2017) This project was awarded the 2018 Mobile Area Council of Engineering (MACE) Project of the Year.

CADD/TECHNICIANS

Perry LeBlanc
Chad Fisher



Firm employed by: Volkert, Inc.

Perry Leblanc

CADD Technician

Years of relevant experience with this employer 5

Years of relevant experience with other employer(s) 20

Degree(s) / Years / Specialization AS | 1998 | Drafting & Design Technology

Year registered N/A

Active registration number / state / expiration date N/A

Discipline CADD Technician



Contract role(s) / brief description of responsibilities:
Mr. Leblanc will perform CADD Technician services for the duration of this project.

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

Mr. Leblanc joined Volkert's Baton Rouge office in 2016, after a twenty-year career working in design and as a CADD instructor at a local technical college. He is responsible for the CADD design of engineering projects for airports and other engineering projects. He has extensive experience in generating 3D models of projects.

12/17 - 12/20 **Causeway Segmented Shoulder Bay Improvements on the Lake Pontchartrain Bridge in Louisiana, St. Tammany and Jefferson Parish, LA; (Greater New Orleans Expressway Commission).** Mr. Leblanc assisted with plan design and layout. Volkert has served as agent to the Greater New Orleans Expressway Commission for the Lake Pontchartrain Causeway Bridge Segmented Shoulder Bay permitting work. Volkert developed permit applications and extensive supporting information for several Joint Permit Applications with USACE/LDNR OCM related to the Bridge Segmented Shoulder Bays, test piles, and mooring piles. Work included Section 404/10 considerations, approval of work in the coastal zone and LDEQ Water Quality Certification. The Segmented Shoulder Bay work also required a U.S. Coast Guard Bridge permit. Volkert worked closely with the Eighth Coast Guard District to satisfy NEPA requirements, environmental agency coordination, and many other requirements of the Bridge Permit Application Guide.

05/18 - 05/19 **Plank Road Realignment East Baton Rouge Parish, LA (Baton Rouge Metropolitan Airport).** Mr. Leblanc assisted with plan design and layout. Volkert is providing design, environmental permitting, and ROW acquisition for the relocation of Plank Road on a new alignment. This project is to relocate Plank Road along a new alignment. The project includes ROW acquisition and all the design for a new 4 lane highway with J-turns. It also includes ROW acquisition and all the design for additional lanes along Harding and Hooper Road. It also includes a new lighting system and new signalized intersection.

01/20 - 01/21 **Roundabout at Highway 929 and Highway 930 Prairieville, LA, Ascension Parish, LA (DOTD).** Mr. Leblanc assisted with plan design and layout. As part of the Move Ascension program Volkert was assigned a task order to develop plans for a Roundabout Highway 929 and Highway 930, Prairieville, LA. The roundabout will replace the existing stop-controlled intersection and consists of a single lane asphalt roundabout. The roundabout will be designed through SIDRA, AASHTO, and Louisiana DOTD standards. The project required traffic analysis, development of construction plans, drainage improvements, lighting, topographic survey, ROW mapping, geotechnical services and SUE services.

Firm employed by: Volkert, Inc.

Chad Fisher

CADD Technician

Years of relevant experience with this employer 26

Years of relevant experience with other employer(s) 26

Degree(s) / Years / Specialization Certificate | 1995 | Drafting & Design Technology

Year registered N/A

Active registration number / state / expiration date N/A

Discipline CADD Technician



Contract role(s) / brief description of responsibilities:
Mr. Fisher will perform CADD Technician services for the duration of this project.

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

For 26 years, Mr. Fisher has been actively engaged in the field of civil design, cost estimates, manhour analysis, construction administration, construction inspection & drafting, especially as it relates to civil design projects. Mr. Fisher has used several Cad platforms and various design packages, such as Microstation V8i, Autocad 2018, Inroads V8i, Softdesk & Civil 3D. Mr. Fisher’s responsibilities include preparation of preliminary and final cost estimates, manhour analysis, construction inspection/supervision, design drawings including plan & profile sheets, typical sections, geometrics and special details, cross-sections, drainage maps, and right-of-maps. Mr. Fisher’s training includes:

- ▼ Applying Inroads Training Cert. – LSU Continuing Education Nov. 2007
- ▼ Advanced Inroads Training Cert. – LSU Continuing Education May 2010
- ▼ Advanced Inroads II Training Cert. – KSPE & ACEC Kentucky Dec. 2011

8/20 - 8/21 **Bossier Parish Proposed Street Improvements – Disaster Relief – 2016 Flood Event (Bossier Parish, LA).** Mr. Fisher worked directly with the Project Engineer to prepare preliminary and final drawings including plan & profile sheets, typical sections, using Microstation V8i, Autocad 2018 & Civil Packages. Prepared Preliminary & Final Cost estimates.

11/15 - 07/19 **La. 3249/Roundabout.** Work directly with the Project Engineer to prepare preliminary and final drawings including plan & profile sheets, typical sections, geometrics and special details, cross-sections, drainage maps, and right-of-maps using Microstation V8i & Civil Packages. Prepared Manhour Analysis, Preliminary & Final Cost estimates.

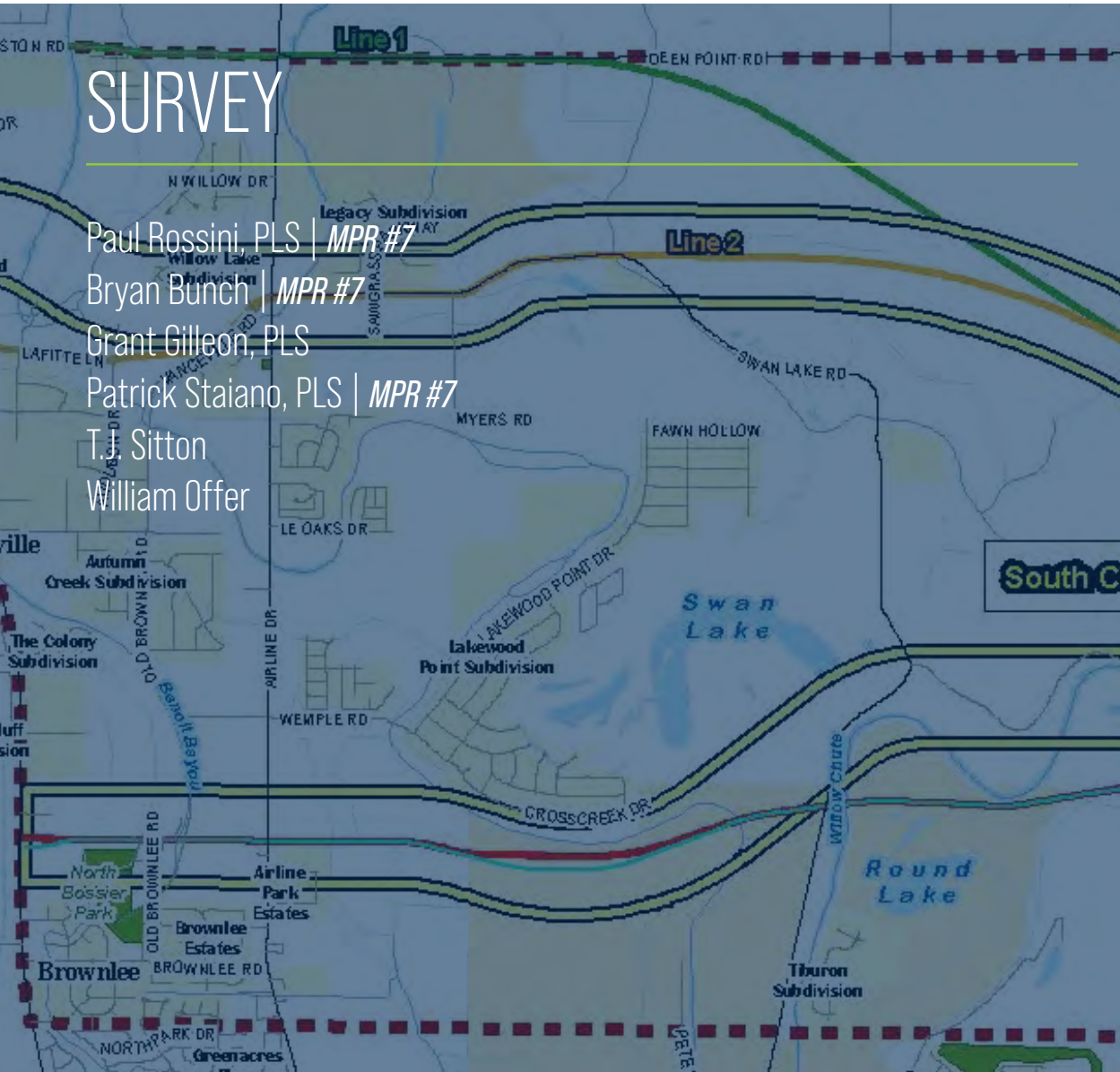
09/04 - 03/11 (20004)
07/16 - 05/18 (2016) **Bastrop City Streets – 2004, 2016.** Work directly with the Project Engineer to prepare preliminary and final drawings including plan & profile sheets, typical sections, geometrics and special details, cross-sections, drainage maps, sewer repair details and right-of-maps using Microstation J & V8i, Autocad & Civil Packages. Prepared Preliminary & Final Cost estimates. In charge of construction supervision and inspection for 2016 project.

03/01 - 04/16 **SPN 700-24-0087; FAP No. STPM-8456(002); Fink’s Hide A-Way Road (US 165 - Raymond Drive); Ouachita Parish.** Work directly with the Project Engineer and Inspectors to enter information into DOTD Site Manager Program. Produced final closeout documents.

Firm employed by: Volkert, Inc.	
Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).
05/99 - 07/10	Bridge Replacement (Winn Parish, LA). Mr. Fisher worked directly with the Project Engineer to prepare preliminary and final drawings including plan & profile sheets, typical sections, geometrics and special details, cross-sections, drainage maps, and right-of-maps using Autocad R12 & Civil Packages.
12/98 - 08/07	SPN 700-31-0110; Jct. US 80 - Jct. LA 150; Routes LA 818 & LA 150; Lincoln Parish. Work directly with the Project Engineer to prepare preliminary and final drawings including plan & profile sheets, typical sections, geometrics and special details, cross-sections, drainage maps, and right-of-maps using Microstation 95, Autocad R12 & Civil Packages.
02/99 - 09/10	SPN 700-64-0102; FAP No. STP-591-1(008); Jct. US 84 - Jct. LA 126; Route LA 34; Winn Parish. Work directly with the Project Engineer to prepare preliminary and final drawings including plan & profile sheets, typical sections, geometrics and special details, cross-sections, drainage maps, and right-of-maps using Microstation 95, Autocad R12 & Civil Packages.
01/04 - 11/09	US. 167 - Dubach to Bernice. Work directly with the Project Engineer to prepare preliminary and final drawings including plan & profile sheets, typical sections, geometrics and special details, cross-sections, drainage maps, and right-of-maps using Microstation J & Civil Packages.
12/98 - 08/07	Jct. US 80 - Jct. LA 150; Routes LA 818 & LA 150 (Lincoln Parish, LA). Mr. Fisher worked directly with the Project Engineer to prepare metric preliminary and final drawings including plan & profile sheets, typical sections, geometrics and special details, cross-sections, drainage maps, and right-of-maps using Microstation 95, Autocad R12 & Civil Packages. Revised all plans to English measurement with Microstation J, Autocad 2000 & Civil Packages.
03/04 - 12/05	Morehouse Memorial Airport - Taxiway Stubs for Hangars and Land Acquisition for Runway Extension (Bastrop, LA). Mr. Fisher worked directly with the Project Engineer to prepare preliminary and final drawings including plan & profile sheets, typical sections, geometrics and special details, cross-sections, drainage maps, using Microstation J, Autocad & Civil Packages.

SURVEY

Paul Rossini, PLS | *MPR #7*
Bryan Bunch | *MPR #7*
Grant Gilleon, PLS
Patrick Staiano, PLS | *MPR #7*
T.J. Sitton
William Offer



Firm employed by: NTB Associates, Inc.

Paul Rossini, PLS

Survey

Years of relevant experience with this employer 36.5

Years of relevant experience with other employer(s) 7

Degree(s) / Years / Specialization High School Diploma, 1980

Year registered 1994

Active registration number / state / expiration date 4731 / Louisiana / 09/30/2024

Discipline Survey

Contract role(s) / brief description of responsibilities:

Mr. Paul Rossini, PLS will serve as NTBA Contract Administrator/ Principal-in-Charge during this contract. He will sign all contracts and assist in staffing, logistics, and QA/QC for all LaDOTD services. Paul satisfies MPR No. 7 for topographic and property surveys and right-of-way map preparation per the advertisement.

Experience dates
(mm/yy-mm/yy)

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

01/23 - 08/23

Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) Principal-in-Charge of contract administration, fee negotiations, scope of work, staffing, coordination, and QA/QC for Static GPS Control, topographic surveys, property surveys, right-of-way mapping, QL A, B, C, & D utility designating/locating, and utility coordination services for the design-build project to replace the Jimmy Davis Bridge across the Red River.

05/15 - 08/23

City of Bossier, Walter O. Bigby Carriageway (N. Pkwy Ext.) Bossier Parish, LA (City Proj. No. 8-15) Principal-in-Charge of contract administration, fee negotiations, scope of work, staffing, coordination, and QA/QC for topographic surveys, Static GPS Control, property surveys, hydrographic surveying services, QL A, B, C, and D subsurface utility designation/locating. Currently, in the construction management support phase and addressing RFI's as needed.

08/21 - 08/23

LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) Principal-in-Charge of contract administration, staffing, coordination, and QA/QC for Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, property surveys, right-of-way mapping, and QL C & D subsurface utility services for 34 bridge and culvert replacements as a sub-consultant to BKL.

04/21 - 08/23

LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) Principal-in-Charge of contract administration, staffing, logistics, and QA/QC for Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, property surveys, right-of-way mapping, and QL C & D subsurface utility services for 21 bridge and culvert replacements as a sub-consultant to Sigma.

12/17 - 07/20

LaDOTD I-10: LA 415 to Essen Lane on I-10 and I-12, West & East Baton Rouge Parishes, LA (H.004100.5) Principal-in-Charge of contract administration, staffing, coordination, and QA/QC for topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL B, C, and D subsurface utility designating, and surveys in support of QL B, C, and D subsurface utility designating for approximately 13 miles of roadway.

Firm employed by: NTB Associates, Inc.

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).
11/15 – 05/17	Bossier Parish Police Jury, Winfield Road Extension, East/West (LA 3 to Airline Highway) Bossier Parish, LA (DEC 15-11-03) Principal-in-Charge of fee negotiations, scope of work, staffing, logistics, and QC/QA for control surveys, topographic surveys, property surveys, right-of-way mapping, QL D subsurface utility services, and drainage map preparation as a sub to Denmon (Volkert). This Bossier Parish Roadway Design Project was the first mile of the exact same route as advertised for this LaDOTD advertisement.
07/16 – 03/17	LaDOTD Bayou Fountain, Route LA 327 Spur (Gardere Lane) East Baton Rouge Parish, LA (4400006527 & H.002337.5) Principal-in-Charge of fee negotiations, scope of work, staffing, logistics, and QC/QA for topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, surveys in support of QL B, C, and D subsurface utility designating, and drainage map preparation for roadway rehabilitation.
04/15 – 02/16	LaDOTD I-20 (Airline Drive to I-220) Route I-20, Bossier Parish, LA (4400005532 & H.011319.5) Principal-in-Charge of contract administration, staffing, coordination, and QA/QC for topographic surveying services and surveys in support of QL B, C, and D subsurface utility designating.
05/13 – 10/15	Bossier Parish Police Jury, Kingston Road Improvements and Development, Bossier Parish, LA (Agency Proj. No. Unknown) Principal-in-Charge of fee negotiations, scope of work, staffing, logistics, and QC/QA for topographic surveys, property surveys, final right-of-way mapping, and drainage map preparation for the use in engineering plan and specifications.
04/15 – 09/15	LaDOTD LA 3094: Hearne Ave. Bridge Rehab, Route LA 3094, Caddo Parish, LA (4400001798 & H.011094.5) Principal-in-Charge of fee negotiations, scope of work, staffing, logistics, and QC/QA for topographic surveying services, HDS 3D Terrestrial Laser Scanning, drainage map preparation, and QL B subsurface utility designating for bridge rehabilitation.
03/08 – 05/15	Bossier Parish Police Jury, Hamilton Road Improvements (I-20 to Benton Road) Bossier Parish, LA (H.003849 & 700-08-0123) Principal-in-Charge of fee negotiations, scope of work, staffing, logistics, and QC/QA for topographic surveys, property surveys, and final right-of-way mapping for roadway rehabilitation.
03/12 – 08/13	Bossier Parish Police Jury, Sligo Road Extension, Bossier Parish, LA (Agency Proj. No. Unknown) Principal-in-Charge of fee negotiations, scope of work, staffing, logistics, and QC/QA for topographic surveys, DTM Modeling, and point file generation for the extension design covering 5.5 miles of roadway as a sub to Denmon (Volkert). Utility information was also gathered along the route from One Call ticket information and contact with utility companies.
01/07 – 07/12	Bossier Parish Police Jury, Bellevue Road Improvements (US 80 to Winfield Road) Bossier Parish, LA (BPPJ 2010-277) Principal-in-Charge of contract administration, staffing, coordination, and QA/QC for topographic surveys, property surveys, and right-of-way mapping including preliminary/ final plans for the widening and possible realignment of Bellevue Road.
02/11 – 08/11	LaDOTD I-20 Rehabilitation Westerfield Avenue to Industrial Drive, District 04, Bossier Parish, LA (H.003860.5 & 700-99-0525) Principal-in-Charge of contract administration, staffing, coordination, and QA/QC for topographic surveying services for interstate rehabilitation.

Firm employed by: NTB Associates, Inc.

Bryan Bunch, PLS

Survey

Years of relevant experience with this employer 14.5

Years of relevant experience with other employer(s) 15

Degree(s) / Years / Specialization B.S. / 1988 / Survey and Land Information Systems, University of Arkansas

Year registered 2009

Active registration number / state / expiration date 5014 / Louisiana / 03/31/2024

Discipline Survey

Contract role(s) / brief description of responsibilities:

Mr. Bryan Bunch, PLS will serve as NTBA Survey Project Manager for topographic surveys during this contract. Bryan will manage survey crews, processing, drafting, and submittals. . Bryan satisfies MPR No. 7 for topographic and property surveys and right-of-way map preparation per the advertisement.

Experience dates
(mm/yy-mm/yy)

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

01/23 - 08/23

Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) Survey Project Manager directing field crews, file processing, drafting, and submittals for Static GPS Control, topographic surveys, property surveys, right-of-way mapping, QL A, B, C, & D utility designating/locating, and utility coordination services for the design-build project to replace the Jimmy Davis Bridge across the Red River.

08/21 - 08/23

LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) Survey Project Manager directing field crews, file processing, drafting, and submittals for Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, property surveys, right-of-way mapping, and QL C & D subsurface utility services for 34 bridge and culvert replacements as a sub-consultant to BKI.

04/21 - 08/23

LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) Survey Project Manager directing field crews, file processing, drafting, and submittals for Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, property surveys, right-of-way mapping, and QL C & D subsurface utility services for 21 bridge and culvert replacements as a sub-consultant to Sigma.

04/22 - 04/23

LaDOTD Monkhouse to I-49, Caddo Parish, LA (4400017713) Survey Project Manager directing field crews, file processing, drafting, and submittals for Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL C & D subsurface utility services, drainage map preparation, and Mobile Laser Scanning for interstate rehabilitation.

12/20 - 03/22

LaDOTD LA 47 IWGO Bridge Rehabilitation, Historic Bridge Improvement (HBI), Orleans Parish, LA (4400017713) Survey Project Manager directed field crews, file processing, drafting, and submittals for topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection and surveys in support of QL C & D subsurface utility services.

03/21 - 03/22

City-Parish Ward Creek at Siegen Lane, East Baton Rouge Parish, LA (22-DR-US-0013) Survey Project Manager managed field crews and technicians for control, topographic, and property surveys along with QL B, C, and D subsurface utility designating services for approximately 1,500 feet of Ward Creek.

Firm employed by: NTB Associates, Inc.

Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).
05/15 – 12/20	City of Bossier, Walter O. Bigby Carriageway (N. Pkwy Ext.) Bossier Parish, LA (City Proj. No. 8-15) Quality Control Surveyor supervised south LA field crews and technicians for topographic, Static GPS Control, property, and hydrographic surveying services, and QL A, B, C, and D subsurface utility designation/locating.
03/19 – 10/19	LaDOTD US 167, LA 2: Middle Slough & Creek Bridges, Union Parish, LA (4400009385 & H. 012037.5) Project Manager directed field crews, file processing, drafting, and submittals for topographic surveying services for bridge rehabilitation/design for two separate bridge site locations.
06/18 – 10/18	LaDOTD I-10: Williams Blvd. to Veterans Blvd., Jefferson Parish, LA (H.003074.5 & H.009087.5) Survey Project Manager directed field crews, file processing, drafting, and submittals for topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL B, C, and D subsurface utility designating, and surveys in support of QL A, B, C, and D subsurface utility designating/locating.
05/16 – 06/18	LaDOTD LA 675 & LA 87 Improvements in New Iberia, Iberia Parish, LA (4400002562 & 4400006814) Survey Project Manager directed field crews, file processing, drafting, and submittals for topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, and surveys in support of QL A, B, C, and D subsurface utility designating/locating for drainage rehabilitation.
11/15 – 05/17	Bossier Parish Police Jury, Winfield Road Extension, East/West (LA 3 to Airline Highway) Bossier Parish, LA (DEC 15-11-03) Quality Control Surveyor assisted in staffing, coordination, and QA/QC for control surveys, topographic surveys, property surveys, right-of-way mapping, QL D subsurface utility services, and drainage map preparation as a sub to Denmon (Volkert). This Bossier Parish Roadway Design Project was the first mile of the exact same route as advertised for this LaDOTD advertisement.
07/16 – 03/17	LaDOTD Bayou Fountain, Route LA 327 Spur (Gardere Lane) East Baton Rouge Parish, LA (4400006527 & H.002337.5) Survey Project Manager directed field crews, file processing, drafting, and submittals for topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, surveys in support of QL B, C, and D subsurface utility designating, and drainage map preparation for roadway rehabilitation.
05/13 – 10/15	Bossier Parish Police Jury, Kingston Road Improvements and Development, Bossier Parish, LA (Agency Proj. No. Unknown) Quality Control Surveyor assisted in staffing, coordination, and QA/QC for topographic surveys, property surveys, final right-of-way mapping, and drainage map preparation for the use in engineering plan and specifications.
03/12 – 08/13	Bossier Parish Police Jury, Sligo Road Extension, Bossier Parish, LA (Agency Proj. No. Unknown) Quality Control Surveyor assisted in staffing, coordination, and QA/QC for topographic surveys, DTM Modeling, and point file generation for the extension design covering 5.5 miles of roadway as a sub to Denmon (Volkert).
07/10 – 10/12	LaDOTD LA 42 Widening and Improvements District 61, Ascension Parish, LA (700-03-0125 & 701-65-1538) Project Surveyor directed topographic and property surveys and title work to locate all existing structures within 50 feet of proposed right-of-way. Bryan also managed the preparation of base and final right-of-way acquisition maps.

Firm employed by: NTB Associates, Inc.

Patrick Staiano, PLS

Survey

Years of relevant experience with this employer 3

Years of relevant experience with other employer(s) 9

Degree(s) / Years / Specialization B.S. / 2008 / Construction Management, Louisiana State University

Year registered 2015

Active registration number / state / expiration date 5130 / Louisiana / 09/30/2023

Discipline Survey

Contract role(s) / brief description of responsibilities:

Mr. Patrick Staiano, PLS will serve as NTBA Assistant Project Manager during this contract. He will assist in the supervision of field crews and technicians for topographic surveys, property surveys, title research, calculations, and reviewing/certifying right-of-way maps and property surveys. Patrick satisfies MPR No. 7 for property surveys and right-of-way map preparation per the advertisement.

**Experience dates
(mm/yy-mm/yy)**

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

01/23 - 08/23

Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) Assistant Project Manager assisting in the management of field crews and technicians for Static GPS control surveys, property surveying service, title takeoffs, legal description preparation, and right-of-way mapping for the design-build project to replace the Jimmy Davis Bridge across the Red River as a sub-consultant to James Construction.

09/22 - 08/23

LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) Assistant Project Manager assisting in the management of field crews and technicians for Static GPS control surveys, property surveying services, title takeoffs, legal description preparations, and right-of-way mapping for 34 bridge and culvert replacements including surveying all sub-surface drainage structures as a sub-consultant to BKL.

09/22 - 08/23

LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) Assistant Project Manager assisting in the management of field crews and technicians for Static GPS control surveys, property surveying services, title takeoffs, legal description preparations, and right-of-way mapping for 21 bridge and culvert replacements including surveying all sub-surface drainage structures as a sub-consultant to Sigma.

09/22 - 08/23

CenterPoint Surveying Services, Various Parishes, LA (Agency Proj. Nos. Unknown) Assistant Project Manager assisting in the management of field crews and technicians for property surveys and topographic surveys, title takeoffs, boundary and right-of-way calculations, and reviews CADD drawings and plats.

03/18 - 02/21
09/22 - 08/23

Apache Corporation, Infrastructure Improvements, Permian Basin, Reeves Counties, TX (Agency Proj. Nos. Unknown) Project Manager managing property surveying services and right-of-way acquisition mapping for approximately 84 miles of infrastructure improvements.

03/18 - 02/21
09/22 - 08/23

Targa Pipeline, Natural Gas Gathering System, Howard and Martin Counties, TX (Agency Proj. Nos. Unknown) Quality Control Surveyor reviewing drafting and property acquisition plats as well as assisting with management of property surveying services.

Firm employed by: NTB Associates, Inc.

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).
04/22 – 04/23	LaDOTD Monkhouse to I-49, Caddo Parish, LA (4400017713) Quality Control Surveyor reviewing data and deliverables for Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL C & D subsurface utility services, drainage map preparation, and Mobile Laser Scanning for interstate rehabilitation.
03/21 – 08/22	MOVEBR Jefferson Hwy. at Bluebonnet Intersection Improvements, LA (City Parish No. 20+CP-HC-0046) Project Manager managing field crews and technicians for topographic surveys, property surveys, and right-of-way mapping.
03/18 – 07/20	LaDOTD I-10: LA 415 to Essen Lane on I-10 and I-12, West & East Baton Rouge Parishes, LA (H.004100.5) Quality Control Surveyor reviewed field data, processing, and drafting for topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL B, C, and D subsurface utility designating, and surveys in support of QL B, C, and D subsurface utility designating for approximately 13 miles of roadway.
09/19 – 02/20	DCP Midstream, MaBee Ranch Line Locates, Martin and Andrews Counties, TX (19-056-001) Project Surveyor directed topographic surveying services and surveys in support of QL A, B, C, and D subsurface utility designating/locating for locating 32 individual pipelines totaling approximately 22 miles in support of property acquisition services.
06/18 – 10/18	LaDOTD I-10: Williams Blvd. to Veterans Blvd., Jefferson Parish, LA (H.003074.5 & H.009087.5) Quality Control Surveyor reviewed field data, processing, and drafting for topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL B, C, and D subsurface utility designating, and surveys in support of QL A, B, C, and D subsurface utility designating/locating for approximately 2 miles.
03/18 – 10/18	Rogillio Resubdivision, East Baton Rouge & East Feliciana Parishes, LA (Agency Proj. No. Unknown) Assistant Project Manager performing title takeoffs, boundary, and right-of-way calculations, and reviewing CADD drawings and plats for resubdivision services for 93 acres.
04/18 – 06/18	LaDOTD LA 675 & LA 87 Improvements in New Iberia, Iberia Parish, LA (4400002562 & 4400006814) Quality Control Surveyor reviewed field data, processing, and drafting for topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, and surveys in support of QL A, B, C, and D subsurface utility designating/locating.
09/17 – 01/18	LaDOTD LA 1026: Roundabout at Buddy Ellis Road, Livingston Parish, LA (H.011824) Project Surveyor performed property surveys and prepared title work and right-of-way maps.
05/17 – 09/17	LaDOTD LA 59: Roundabout @ Lonesome Road, Tangipahoa Parish, LA (H.011030) Project Surveyor performed property surveys and prepared title work and right-of-way maps.
03/16 – 08/17	LaDOTD LA 59: Curve Realign and Tunnel at Tammany Trace, St. Tammany Parish, LA (H.010184) Project Surveyor performed property surveys and prepared title work and right-of-way maps.

Firm employed by: NTB Associates, Inc.

Grant Gilleon, PLS

Survey

Years of relevant experience with this employer 15

Years of relevant experience with other employer(s) 20

Degree(s) / Years / Specialization B.S. / 1987 / Construction Engineering Technology, University of Southern Mississippi

Year registered 2007

Active registration number / state / expiration date 4976 / Louisiana / 03/31/2024

Discipline Survey

Contract role(s) / brief description of responsibilities:

Mr. Grant Gilleon, PLS will serve as NTBA Quality Control Surveyor during this contract. He will assist in the management of field crews, processing, and drafting.

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

01/23 - 08/23	Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) Quality Control Surveyor assisting in staffing and coordination for Static GPS control surveys, property surveying service, title takeoffs, legal description preparation, and right-of-way mapping for the design-build project to replace the Jimmy Davis Bridge across the Red River as a sub-consultant to James Construction.
08/22 - 08/23	CenterPoint Surveying Services, Various Parishes, LA (Agency Proj. Nos. Unknown) Project Manager directing field crews and technicians for property surveys and topographic surveys, title takeoffs, boundary and right-of-way calculations, CADD drawings, and plats.
04/21 - 08/23	LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) Quality Control Surveyor assisting in staffing and coordination for Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, property surveys, right-of-way mapping, and QL C & D subsurface utility services for 21 bridge and culvert replacements as a sub-consultant to Sigma.
05/15 - 08/23	City of Bossier, Walter O. Bigby Carriageway (N. Pkwy Ext.) Bossier Parish, LA (City Proj. No. 8-15) Project Manager directing field crews, file processing, drafting, and submittals for topographic, Static GPS Control, property, hydrographic surveying services, and QL A, B, C, and D subsurface utility designation/locating for a parkway facility design featuring new roads, additional lanes, roundabouts, and a bridge. Currently, in the construction management support phase and addressing RFI's as needed.
09/14 - 08/23	USDA/NRCS Property Surveying Services, LA (AG-7217-C-14-0010, AG-2B46-S-16-0004, & 12FPC319D0016) Project Manager directing field crews, file processing, drafting, and submittals for property surveying services and map and plat preparation for over 9,000 acres.
04/22 - 04/23	LaDOTD Monkhouse to I-49, Caddo Parish, LA (4400017713) Quality Control Surveyor reviewing data and deliverables for Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL C & D subsurface utility services, drainage map preparation, and Mobile Laser Scanning for interstate rehabilitation.
12/20 - 03/22	LaDOTD LA 47 IWGO Bridge Rehabilitation, Historic Bridge Improvement (HBI), Orleans Parish, LA (4400017713) Quality Control Surveyor assisted in the management of field crews and technicians for topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, Static GPS Control, hydrographic surveys, and QL C & D subsurface utility services for bridge repair/rehabilitation.

Firm employed by: NTB Associates, Inc.

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).
05/21 – 12/21	Bossier Parish Police Jury, Linton Road Cutoff Intersection Redesign, Bossier Parish, LA (BPPJ 2021-126) Project Manager directed field crews for control surveys, topographic surveys, and property surveys in support of an evaluation to improve the intersection and produce a preliminary layout for a new intersection design.
12/17 – 07/20	LaDOTD I-10: LA 415 to Essen Lane on I-10 and I-12, West & East Baton Rouge Parishes, LA (H.004100.5) Assistant Project Manager assisted in staffing and coordination for topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL B, C, and D subsurface utility designating, and surveys in support of QL B, C, and D subsurface utility designating for approximately 13 miles of roadway.
11/15 – 05/17	Bossier Parish Police Jury, Winfield Road Extension, East/West (LA 3 to Airline Highway) Bossier Parish, LA (DEC 15-11-03) Project Manager directed field crews, file processing, drafting, and submittals for control surveys, topographic surveys, property surveys, right-of-way mapping, QL D subsurface utility services, and drainage map preparation as a sub to Denmon (Volkert). This Bossier Parish Roadway Design Project was the first mile of the exact same route as advertised for this LaDOTD advertisement.
04/15 – 02/16	LaDOTD I-20 (Airline Drive to I-220) Route I-20, Bossier Parish, LA (4400005532 & H.011319.5) Project Manager directed field crews, file processing, drafting, and submittals for topographic surveying services and surveys in support of QL B, C, and D subsurface utility designating for interstate rehabilitation.
05/13 – 10/15	Bossier Parish Police Jury, Kingston Road Improvements and Development, Bossier Parish, LA (Agency Proj. No. Unknown) Project Manager directed field crews, file processing, drafting, and submittals for topographic surveys, property surveys, final right-of-way mapping, and drainage map preparation for the use in engineering plan and specifications.
04/15 – 09/15	LaDOTD LA 3094: Hearne Ave. Bridge Rehab, Route LA 3094, Caddo Parish, LA (4400001798 & H.011094.5) Project Manager directed field crews, file processing, drafting, and submittals for topographic surveying services, HDS 3D Terrestrial Laser Scanning, drainage map preparation, and QL B subsurface utility designating for bridge rehabilitation.
03/08 – 05/15	Bossier Parish Police Jury, Hamilton Road Improvements (I-20 to Benton Road) Bossier Parish, LA (H.003849 & 700-08-0123) Project Manager directed field crews, file processing, drafting, and submittals for topographic surveys, property surveys, and final right-of-way mapping for roadway rehabilitation.
03/12 – 08/13	Bossier Parish Police Jury, Sligo Road Extension, Bossier Parish, LA (Agency Proj. No. Unknown) Project Manager directed field crews, file processing, drafting, and submittals for topographic surveys, DTM Modeling, and point file generation for the extension design covering 5.5 miles of roadway as a sub to Denmon (Volkert). Utility information was also gathered along the route from One Call ticket information and contact with utility companies.
06/13 – 06/13	LaDOTD Westerfield at I-20 Locating Utilities, Bossier Parish, LA (H.003263) Project Manager directed field crews, file processing, drafting, and submittals for topographic surveying services and surveys in support of QL A subsurface utility locating for interstate rehabilitation.
12/12 – 12/12	LaDOTD I-49 Survey Subsurface Utilities, Caddo Parish, LA (H.00388.5) Project Manager directed field crews, file processing, drafting, and submittals for topographic surveying services and surveys in support of QL A subsurface utility locating for interstate rehabilitation.

Firm employed by: NTB Associates, Inc.

T.J. Sitton

Survey

Years of relevant experience with this employer 13

Years of relevant experience with other employer(s) 3

Degree(s) / Years / Specialization A.S. / 2005 / Drafting and Design Technology, Louisiana Technical College
Leica's LIDAR Scanning Courses and Cyclone Software Courses, 2013

Year registered n/a

Active registration number / state / expiration date n/a

Discipline n/a

Contract role(s) / brief description of responsibilities:

Ms. T.J. Sitton will serve as an NTBA Technician during this contract. She will process data for topographic survey property surveys, surveys in support of subsurface utility designating, and draft base and final right-of-way maps.

Experience dates
(mm/yy-mm/yy)

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

01/23 - 08/23

Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) Technician processing data and drafting files for Static GPS Control, topographic surveys, property surveys, right-of-way mapping, QL A, B, C, & D utility designating/locating, and utility coordination services for the design-build project to replace the Jimmy Davis Bridge across the Red River.

08/21 - 08/23

LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) Technician processing data and drafting files for Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, property surveys, right-of-way mapping, and QL C & D subsurface utility services for 34 bridge and culvert replacements as a sub-consultant to BKL.

04/21 - 08/23

LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) Technician processing data and drafting files for Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, property surveys, right-of-way mapping, and QL C & D subsurface utility services for 21 bridge and culvert replacements as a sub-consultant to Sigma.

02/23 - 08/23

I-10/ I-110 SUE Services, East Baton Rouge Parish, LA (Task Order No. 4) (4400014660) Technician processing field data for topographic surveys and QL B subsurface utility services for additional areas around and below the I-10 and I-110 flyover interchange including plan preparation

04/22 - 04/23

LaDOTD Monkhouse to I-49, Caddo Parish, LA (4400017713) Technician processing data and drafting files for Static GPS Control, topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL C & D subsurface utility services, drainage map preparation, and Mobile Laser Scanning for interstate rehabilitation.

08/21 - 08/21

Bossier Parish Police Jury, Linton Road Cutoff Intersection Redesign, Bossier Parish, LA (BPPJ 2021-126) Technician processed data for control surveys, topographic surveys, property surveys, and QL C subsurface utility services to produce the preliminary design for a new intersection.

05/15 - 12/20

City of Bossier, Walter O. Bigby Carriageway (N. Pkwy Ext.) Bossier Parish, LA (City Proj. No. 8-15) Technician processed field data for topographic and property surveys along with surveys in support of QL B, C, and D subsurface utility designating.

Firm employed by: NTB Associates, Inc.

Experience dates (mm/yy-mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the time specified in the applicable MPR(s).
12/17 – 07/20	LaDOTD I-10: LA 415 to Essen Lane on I-10 and I-12, West & East Baton Rouge Parishes, LA (H.004100.5) Technician processed field data for topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, QL B, C, and D subsurface utility designating, and surveys in support of QL B, C, and D subsurface utility designating for approximately 13 miles of roadway.
07/16 – 03/17	LaDOTD Bayou Fountain, Route LA 327 Spur (Gardere Lane) East Baton Rouge Parish, LA (4400006527 & H.002337.5) Technician processed data and drafted files for topographic surveys utilizing HDS 3D Terrestrial Laser Scanning methods of data collection, surveys in support of QL B, C, and D subsurface utility designating, and drainage map preparation for roadway rehabilitation.
10/15 – 07/16	LaDOTD MacArthur Interchange Completion (Phase II) Route US 90-Z, Jefferson Parish, LA (4400005142 & H.011309.5) Technician processed data for topographic surveys and surveys in support of QL A, B, C, & D subsurface utility designating/locating as a sub-consultant to SDR Engineering.
04/15 – 02/16	LaDOTD I-20 (Airline Drive to I-220) Route I-20, Bossier Parish, LA (4400005532 & H.011319.5) Technician processed field data for topographic surveys and surveys in support of QL B, C, and D subsurface utility designating along the I-20 corridor as marked in the field by SUE contractor.
05/13 – 10/15	Bossier Parish Police Jury, Kingston Road Improvements and Development, Bossier Parish, LA (Agency Proj. No. Unknown) Technician processed data and drafted files for topographic surveys, property surveys, final right-of-way mapping, and drainage map preparation for the use in engineering plan and specifications.
04/15 – 09/15	LaDOTD LA 3094: Hearne Ave. Bridge Rehab, Route LA 3094, Caddo Parish, LA (4400001798 & H.011094.5) Project Manager directed field crews, file processing, drafting, and submittals for topographic surveying services, HDS 3D Terrestrial Laser Scanning, drainage map preparation, and QL B subsurface utility designating for bridge rehabilitation.
03/12 – 08/13	Bossier Parish Police Jury, Sligo Road Extension, Bossier Parish, LA (Agency Proj. No. Unknown) Technician processed data for topographic surveys, DTM Modeling, and point file generation for the extension design covering 5.5 miles of roadway as a sub to Denmon (Volkert). Utility information was also gathered along the route from One Call ticket information and contact with utility companies.
07/10 – 10/12	LaDOTD LA 42 Widening and Improvements, District 61, Ascension Parish, LA (700-03-0125 & 701-65-1538) Technician processed field data for property surveys and performed calculations for the preparation of base and final right-of-way maps.
02/11 – 08/11	LaDOTD I-20 Rehabilitation Westerfield Avenue to Industrial Drive, District 04, Bossier Parish, LA (H.003860.5 & 700-99-0525) Technician processed field data for topographic surveys, HDS 3D Terrestrial Laser Scanning, and surveys in support of QL B, C, and D subsurface utility designating.

Firm employed by: NTB Associates, Inc.

William Offer

Survey

Years of relevant experience with this employer

7

Years of relevant experience with other employer(s)

6

Degree(s) / Years / Specialization

A.S. / Science in Surveying / Great Basin College of Nevada

Year registered

2022

Active registration number / state / expiration date

1110631 / TX / 05/09/2023

Discipline

SIT

Contract role(s) / brief description of responsibilities:

Mr. William Offer will serve as an NTBA Survey Party Chief during this contract. He will oversee field crews and download and process data for topographic surveys, property surveys, and surveys in support of SUE 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 specified in the applicable MPR(s).

01/21 - 08/23

Jimmie Davis Bridge (LA 511) Design-Build, Bossier & Caddo Parishes, LA (H.001779) Survey Party Chief overseeing field crews and processing data for Static GPS Control, topographic surveys, property surveys, and surveys in support of QL A, B, C & D subsurface utility designating/ locating for the design-build project to replace the Jimmy Davis Bridge across the Red River.

01/23 - 08/23

CenterPoint Energy Surveying Services, LA (Various CP Proj. Nos.) Survey Party Chief overseeing a field crew and processing data for topographic surveys, property surveys, and right-of-way surveys for multiple project locations as a sub to JW Porter then as the prime to CenterPoint.

08/21 - 08/23

LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (4400019337) Survey Party Chief overseeing a field crew and processing data for topographic surveys, property surveys, and surveys in support of QL C & D subsurface utility services for 34 bridge and culvert replacements as a sub-consultant to BKI.

04/21 - 08/23

LaDOTD Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (4400019338) Survey Party Chief overseeing a field crew and processing data for topographic surveys, property surveys, and surveys in support of QL C & D subsurface utility services for 21 bridge and culvert replacements as a sub-consultant to Sigma.

02/23 - 08/23

LaDOTD Watershed Initiative (LWI) Modeling Contract - Region 1 (4400017067) Survey Party Chief overseeing a field crew and processing data for topographic surveys for drainage basin modeling as a sub-consultant to Atkins.

02/17 - 07/23

USDA/NRCS Property Surveying Services, LA (AG-7217-C-14-0010, AG-2B46-S-16-0004, & 12FPC319D0016) Survey Party Chief ran a field crew and downloaded data for property surveying services and map and plat preparation for over 9,000 acres.

04/22 - 04/23

LaDOTD Monkhouse to I-49, Caddo Parish, LA (4400017713) Survey Party Chief ran a field crew and downloaded data for topographic surveys and surveys in support of QL C & D subsurface utility services and drainage map preparation for interstate rehabilitation.

10/21 - 02/22

LaDOTD LA 47 IWGO Bridge Rehabilitation, Historic Bridge Improvement (HBI), Orleans Parish, LA (4400017713) Survey Party Chief ran a field crew and downloaded data for topographic surveys and surveys in support of QL C & D subsurface utility services for bridge repair/rehabilitation.

05/21 - 09/21

Bossier Parish Police Jury, Linton Road Cutoff Intersection Redesign, Bossier Parish, LA (BPPJ 2021-126) Survey Party Chief ran a field crew and downloaded data for control surveys, topographic surveys, and property surveys in support of an evaluation to improve the intersection and produce a preliminary layout for a new intersection design.

Firm employed by: NTB Associates, Inc.

Experience dates
(mm/yy–mm/yy)

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

04/21 – 04/21	I-10/ I-110 SUE Services, East Baton Rouge Parish, LA (Task Order No. 1) [4400014660] Survey Party Chief ran a field crew and downloaded data for topographic surveys and surveys in support of QL B subsurface utility designating for additional areas around and below the I-10 and I-110 flyover interchange including plan preparation
08/20 – 08/20	Enterprise Products, Rosedale Place Subdivision Survey, Bossier Parish, LA (Agency Proj. No. Unknown) Survey Party Chief ran a field crew and downloaded data for property surveying services to determine the location of a section line and its relationship to an existing pipeline. Section corners were searched for recovered and located as well as an existing pipeline.
03/17 – 12/20	City of Bossier, Walter O. Bigby Carriageway (N. Pkwy Ext.) Bossier Parish, LA (City Proj. No. 8-15) Survey Party Chief ran a field crew and downloaded data for control surveys, topographic surveys, property surveys, and surveys in support of QL C & D subsurface utility services for a parkway facility design featuring new roads, additional lanes, roundabouts, and a bridge.
12/17 – 07/20	LaDOTD I-10: LA 415 to Essen Lane on I-10 and I-12, West & East Baton Rouge Parishes, LA (H.004100.5) Survey Party Chief overseeing a field crew and downloaded data for topographic surveys and surveys in support of QL C & D subsurface utility services for interstate rehabilitation.
02/17 – 08/19	City of Shreveport, CD 1-105-108 Sewer Rehab, Caddo Parish, LA (Agency Proj. No. Unknown) Survey Party Chief ran a field crew and downloaded data for topographic surveys for sewer rehabilitation.
12/17 – 05/19	City of Shreveport, CD 1-121 Sewer Rehab, Caddo Parish, LA (Agency Proj. No. Unknown) Survey Party Chief ran a field crew and downloaded data for topographic surveys for sewer rehabilitation.
12/17 – 10/18	City of Shreveport, CD 126 Sewer Rehab, Caddo Parish, LA (Agency Proj. No. Unknown) Survey Part Chief ran a field crew and downloaded data for topographic surveys for sewer rehabilitation.
10/17 – 02/18	City of Shreveport, CD 1-103 Canal and Valley View Rehab, Caddo Parish, LA (Agency Proj. No. Unknown) Survey Party Chief ran a field crew and downloaded data for topographic surveys for sewer rehabilitation.
08/17 – 12/17	City of Shreveport, CD 142 Rehab Wallace & W. 62nd, Caddo Parish, LA (Agency Proj. No. Unknown) Survey Party Chief ran a field crew and downloaded data for topographic surveys for sewer rehabilitation.

GEOTECHNICAL

Lynne Roussel McMillan, PE | *MPR #6*

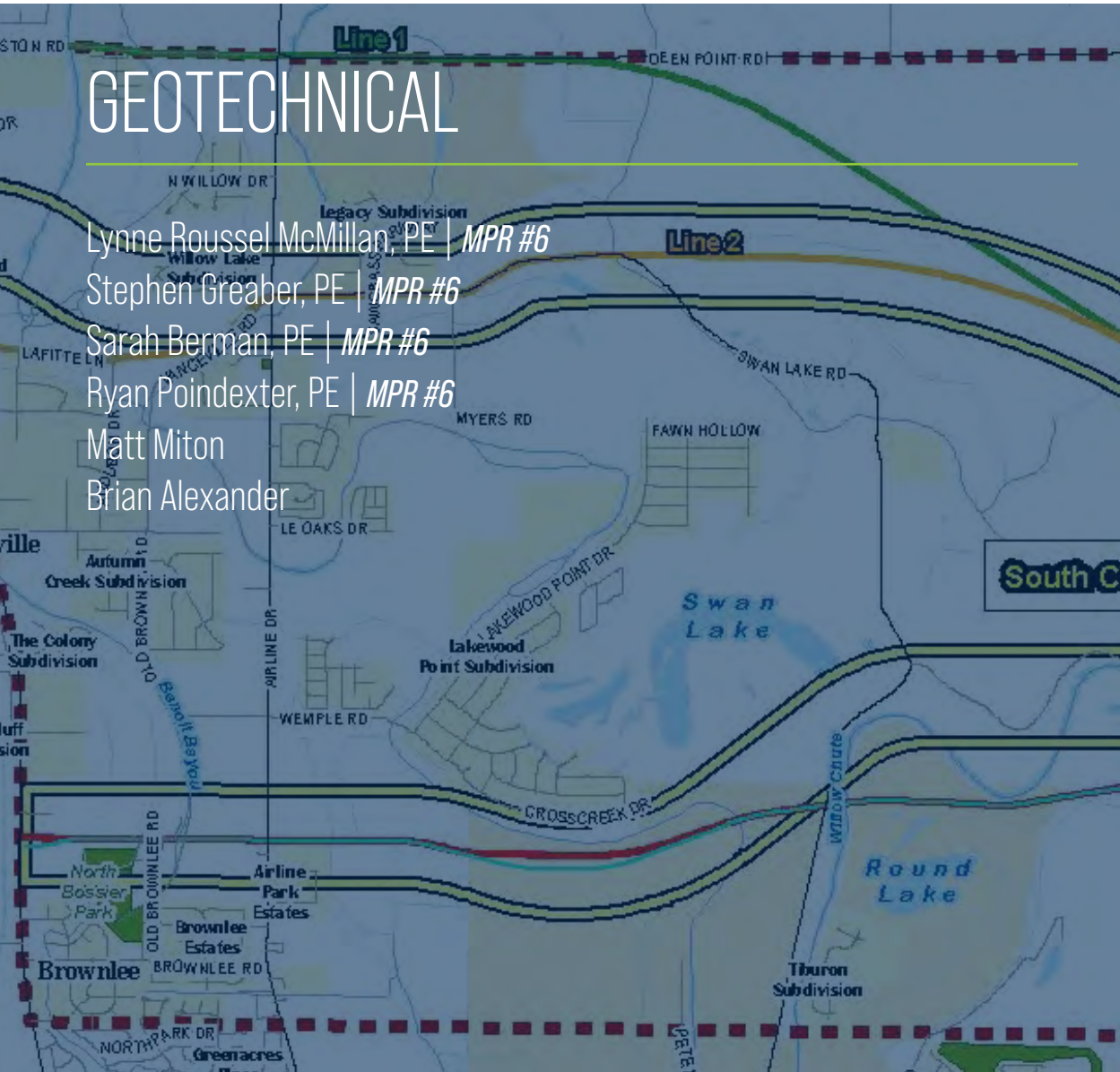
Stephen Greaber, PE | *MPR #6*

Sarah Berman, PE | *MPR #6*

Ryan Poindexter, PE | *MPR #6*

Matt Miton

Brian Alexander



Firm employed by: Terracon Consultants, Inc.

Lynne E. Roussel McMillen, PE

Geotechnical Engineer

Years of relevant experience with this employer

17

Years of relevant experience with other employer(s)

0

Degree(s) / Years / Specialization

MS | 2005 | Geotechnical Engineering
BS | 2003 | Civil Engineering

Year registered

2009

Active registration number / state / expiration date

35152 | LA | 3/31/2024

Discipline

N/A



Contract role(s) / brief description of responsibilities:

Ms. McMillen meets the MPR of # 6 with 17 years of experience in geotechnical engineering working with the soils of Louisiana.

Experience dates
(mm/yy-mm/yy)

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

Ms. McMillen has managed geotechnical projects for 17 years. She has performed engineering analyses using in-house computer resources as well as commercial software used for settlement analysis, deep foundations analysis, pavement design, slope stability analysis, and lateral loading of deep foundations. Ms. McMillen also performed analyses for the USACE for limiting pressure analyses for Horizontal Directional Drilling (HDD) projects, seepage analyses and Method of Planes slope stability. Her software experience includes the following software: PCSTABL6, GEOSLOPE, LPILE, DRIVEN, SHAFT, Shoring Suite, and APILE.

07/21 - 12/21

H.003931 I-10 Lake Charles, Lake Charles, LA, DOTD. Project Reviewer. Performed quality review on engineering analyses and reporting.

12/20 - Ongoing

IDIQ Contracts for Professional Geotechnical Services Statewide Contract No. 4400019014. Contract Manager and Project Reviewer. Managed the retainer contract for services to perform geotechnical exploration and engineering. The contract value is \$2.5 Million.

07/16 - 07/21

Louisiana Department of Transportation Geotechnical Retainer Contract No. 4400006191, LA, DOTD. Contract Manager and Project Reviewer. Managed the retainer contract for services to perform geotechnical exploration and engineering. The contract value is \$4 Million.

05/18 - 02/22

H.011235.5: I-49 South @ Verot School Road US 90, Lafayette, LA, DOTD. Project Manager. Oversaw design of the substructure of two bridges and global stability and settlement for several MSE walls to be constructed as part of this design build project. Terracon developed nominal capacity and resistance factors for pile foundations for the bridge substructures and developed driving criteria using WEAP analysis for the proposed pile driving equipment.

05/18 - 11/20

H.005967: Nelson Road Extension and Bridge, Lake Charles, LA, DOTD. Project Manager. Managed the subsurface evaluation and geotechnical engineering design for the Nelson Road Extension and Bridge Project. Terracon completed the subsurface exploration including water borings in Contraband Bayou and provided 90% design of the substructure for the bridge over Contraband Bayou. Terracon performed settlement analysis for the planned embankment approaches. The scope also included design support for impact dolphins to be constructed in front of the bridge in the Bayou to protect the bridge superstructure from impact of possible runaway ocean-going ships from the nearby Port of Lake Charles facility.

Firm employed by: Terracon Consultants, 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 specified in the applicable MPR(s).
06/19 - 03/20	H.000133 US 80 Overpass at KCS RR, Simsboro, LA. Project Manager. Managed the subsurface evaluation and lab testing. All testing was performed in accordance with LADOTD sampling and guidelines.
07/18 - 12/18	H.009481 LA 20 Bayou Chevreuil Bridge, St. James Parish, LA, DOTD. Project Manager in the subsurface evaluation and lab testing.
10/16 - 01/18	H.002238 Robinson Canal Bridge, Terrebonne Parish, LA, DOTD. Project Manager. Provided geotechnical engineering services for the project that included field exploration, laboratory testing and geotechnical engineering for the bridge. Pile capacities were developed for the bridge bents.
01/12 - 01/13	H.009187.5 - 23rd Street Bridge over Canal No. 17, Jefferson Parish, LA, DOTD. Project Engineer. Provided geotechnical engineering for the subsurface evaluation and engineering design of this DOTD Off System Bridge project. The bridge at 23rd Street over Canal No. 17 was replaced. DOTD boring logs and LRFD Pile Calculations were provided to the design engineer.
01/10 - 03/12	H.0051.21 - LA-1 to I-10 Connector, Port Allen, LA, DOTD. Project Manager. Managed the design of a new connector between LA 1 and I-10 near the Intracoastal Canal in West Baton Rouge Parish, Louisiana. The project consisted of a bridge over the Intracoastal Canal, a flyover connector to LA 1 and associated roadway. Soil borings and Cone Penetrometer Test (CPT) probes associated with the bridges and roadway were completed. All calculations were consistent with DOTD pavement design standards. Settlement analysis was performed for the approach embankments. Pile capacities were also provided for the elevated structure.
2011	713-64-0108/H.006372- Carter Crossing over Dugdemona River - Winn Parish, LA. Project Manager. Performed the subsurface evaluation and engineering design of this DOTD Off System Bridge project. The bridge at Carter Crossing over Dugdemona River was replaced. DOTD boring logs and LRFD Pile Calculations were provided to the design engineer.
09/08 - 11/08	Interstate 12 Widening - East Baton Rouge and Livingston Parishes, LA. Project Manager. Managed the interstate highway improvement. Terracon performed drilling and laboratory activities for the project. The project consisted of the widening of Interstate 12 to six lanes from O'Neal Lane eastward in both East Baton Rouge and Livingston Parishes. The project needed to be performed under a compressed time schedule of 30 days for DOTD to release a Design-Build procurement package. She worked with the Terracon team to make sure the schedule was met by using multiple drill rigs to complete the field work. The work completed by Terracon has received high marks from the design-build team.
12/05- 07/12	Louisiana DOTD Off-System Bridge Program - Statewide in LA. Project Manager. Managed multiple off-system bridge projects. Terracon provided geotechnical drilling, laboratory testing, and engineering support for several bridges designated for replacement under the Louisiana Department of Transportation and Development Off-System Bridge Program. For each bridge, Terracon served as a sub-consultant for a civil engineering firm selected by Louisiana DOTD to design the new bridge. In each case, the project civil engineer provided all additional engineering and land surveying required to perform topographic surveys and hydraulic studies and prepared the preliminary and final roadway and bridge plans. Terracon completed geotechnical investigations for bridges throughout Louisiana and in a variety of geologic settings.

Firm employed by: Terracon Consultants, Inc.

Stephen Greaber, PE

Geotechnical Engineer

Years of relevant experience with this employer

22

Years of relevant experience with other employer(s)

11

Degree(s) / Years / Specialization

BS | 1989 | Civil Engineering

Year registered

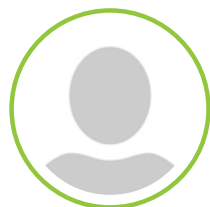
1995

Active registration number / state / expiration date

26107 | LA | 9/30/2023

Discipline

Civil



Contract role(s) / brief description of responsibilities:

Mr. Greaber meets the criteria for MPR # 6 with more than 5 years of geotechnical experience with Louisiana soils.

Experience dates
(mm/yy-mm/yy)

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

Mr. Greaber has 33 years of experience working on a wide range of geotechnical projects. He has worked extensively on City-Parish projects as well as for commercial, industrial, transportation, and institutional clients. He is well versed in all aspects of geotechnical engineering and materials quality aspects of construction including earthwork, concrete, masonry, asphalt, and structural steel. Mr. Greaber has extensive experience in deep foundation analysis, implementation/interpretation of load testing, site modification and improvement techniques including but not limited to dynamic compaction, geotextile reinforced slopes, and wick drains for improvement of consolidation.

07/18 – 10/21

H.011235.5: I-49 South @ Verot School Road US 90, Lafayette, LA, DOTD. Lead Design Engineer for the subsurface evaluation and geotechnical engineering design for the US 90 (I-49 South) Design Build Project. Terracon provided the design of the substructure of two bridges and global stability and settlement for several MSE walls to be constructed as part of this design build project. Terracon developed nominal capacity and resistance factors for pile foundations for the bridge substructures and developed driving criteria using WEAP analysis for the proposed pile driving equipment. Dynamic Pile Testing was performed during construction to verify pile capacities. Terracon reviewed the CAPWAP results and provided recommendations for adjustment of the resistance factors to accommodate slight variations in nominal capacity obtained at each bent.

05/18 – 01/21

H.005967: Nelson Road Extension and Bridge, Lake Charles, LA, DOTD. Senior Geotechnical Engineer. Reviewed the subsurface evaluation and geotechnical engineering design for the Nelson Road Extension and Bridge Project. Terracon completed the subsurface exploration that included water borings in Contraband Bayou and has provided 90% design of the substructure for the bridge over Contraband Bayou and performed settlement analysis for the planned embankment approaches. The scope also included design support for impact dolphins to be constructed in front of the bridge in the Bayou to protect the bridge superstructure from impact of possible runaway ocean-going ships from the nearby Port of Lake Charles facility.

06/17 – 10/18

H.010006: Bayou Petit Caillou Bridge Improvements, Chauvin, LA, DOTD. Senior Geotechnical Engineer. Provided senior review the subsurface evaluation and substructure design for upgrades to the existing bridge. The services were performed for Huval and Associates through their Bridge Preservation Contract and included providing pile recommendations for support of a new bridge lift operators building and supports for traffic barriers and fender replacements.

Firm employed by: Terracon Consultants, 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 specified in the applicable MPR(s).

02/14 – 02/17

H.010620: US 90 (I-49 South) Design Build, Lafayette Parish, LA, C.H. Fenstermaker. Senior Geotechnical Engineer. Provided senior review for the subsurface evaluation and geotechnical engineering design for the US 90 (I-49 South) Design Build Project. Terracon provided the design of the substructure of two bridges and global stability and settlement for several MSE walls to be constructed as part of this design build project. Terracon developed nominal capacity and resistance factors for pile foundations for the bridge substructures and developed driving criteria using WEAP analysis for the proposed pile driving equipment. Dynamic Pile Testing was performed during construction to verify pile capacities. Terracon reviewed the CAPWAP results and provided recommendations for adjustment of the resistance factors to accommodate slight variations in nominal capacity obtained at each bent.

01/15 – 02/16

H.010719: US 90 Ramp Improvement, Orleans Parish, LA, DOTD. Senior Geotechnical Engineer. Provided senior review of the subsurface evaluation and substructure design of this new bridge and ramp improvement project at US 90 and South Claiborne Ave. The entrance ramp to US 90 was elevated to improve traffic flow. DOTD boring logs and LRFD Pile Resistance Calculations were provided to the design engineer.

2010 – 2013

H.002238 Robinson Canal Bridge, Terrebonne Parish, LA, DOTD. Project Manager. Managed the widening of I-10 from two lanes in each direction to three lanes in each direction. Dual existing bridges over Wards Creek Diversion will be widened, and the existing 850-foot-long dual bridges over the Kansas City Railroad and La Crete Drive were completely replaced with new three lane bridges with 12-foot shoulders and increased clearances to allow the railroad to add a parallel track in the future.

2012 – 2013

SP No. 450-10-0108- Interstate 10 Widening, I-12 to Siegen Lane - Baton Rouge, LA. Project Manager. Managed the widening of I-10 from three lanes in each direction to four lanes in each direction starting at Siegen Lane and ending at the I-12 interchange. A bridge and overpass sections were replaced. The project consists of the widening of Interstate 12 to six lanes from O’Neal Lane eastward in both East Baton Rouge and Livingston Parishes. DOTD contracted with Terracon to obtain deep and shallow soil borings and perform sampling and testing services for the roadway improvement along I-12 for Project No. 454-01-0047. The project needed to be performed under a compressed time schedule for DOTD to release a Design-Build procurement package. Terracon mobilized additional crews from the Jackson and Chattanooga Terracon offices in order to meet the demanding schedule. The work completed by Terracon has received high marks from the design-build team.

11/10 – 08/12

LA-1 to I-10 Connector 30% Design - Port Allen, LA, Volkert/DOTD. Supervising Geotechnical Engineer. Supervised 30% design plans for a proposed new connector between I-10 and LA-1 in West Baton Rouge Parish. The extension included two bridges and two miles of new roadway. Bridges over an existing railroad and the Intracoastal Canal were included. An evaluation of a possible retained earth embankment was included.

09/08 – 11/08

Interstate 12 Widening - East Baton Rouge and Livingston Parishes, LA. Senior Engineer. Provided senior oversight for this major Interstate highway improvement. Terracon performed drilling and laboratory activities for the project. The project consisted of the widening of Interstate 12 to six lanes from O’Neal Lane eastward in both East Baton Rouge and Livingston Parishes. The project needed to be performed under a compressed time schedule of 30 days for DOTD to release a Design-Build procurement package. The work completed by Terracon has received high marks from the design-build team.

12/07 – 07/12

Louisiana DOTD Off-System Bridge Program - Statewide in LA. Engineering Support. Provided engineering support for multiple off-system bridge projects. Terracon provided geotechnical drilling, laboratory testing, and engineering support for several bridges designated for replacement under the Louisiana Department of Transportation and Development Off-System Bridge Program. For each bridge, Terracon served as a sub-consultant for a civil engineering firm selected by Louisiana DOTD to design the new bridge. In each case, the project civil engineer provided all additional engineering and land surveying required to perform topographic surveys and hydraulic studies and prepared the preliminary and final roadway and bridge plans. Terracon completed geotechnical investigations for bridges throughout Louisiana and in a variety of geologic settings.

Firm employed by: Terracon Consultants, Inc.

Sarah Berman, PE

Geotechnical Engineer

Years of relevant experience with this employer

3

Years of relevant experience with other employer(s)

6

Degree(s) / Years / Specialization

BS | 1989 | Civil Engineering

Year registered

2019

Active registration number / state / expiration date

43630 | LA | 3/31/2024

Discipline

Civil



Contract role(s) / brief description of responsibilities:

Ms. Berman meets the criteria for MPR # 6 with more than 5 years of geotechnical experience with Louisiana soils.

Experience dates
(mm/yy-mm/yy)

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

Ms. Berman worked on a number of LA DOTD roadway projects as an Assistant Project Engineer. She was assigned several tasks on these projects, some of which included analyzing consolidation testing results, compiling, and reviewing soil boring logs, and assisting with running some of the soil laboratory tests including Atterberg Limits, Unconsolidated Undrained Triaxial Compression Tests, and Unconfined Compression Tests. She also worked on AutoCAD drafting, drilling coordination, and performed driven pile analysis.

11/21 - Present

Ham Reid Road Extension, Calcasieu Parish, LA, CH Fenstermaker. Project Manager. Managed project that included geotechnical engineering services.

10/21 - 12/21

H.003931 I-10 Lake Charles, Lake Charles, LA, DOTD. Senior Staff Engineer. Reviewed logs, samples, and data.

10/20 - 02/22

Lee Drive (Highland Road – Perkins Rd) Capacity and Turning Movements, Baton Rouge, LA, City of Baton Rouge. Project Manager. Reviewed logs, samples, and data. She performed analysis/design. Provided supervision and prepared the report.

09/20 - Present

Alphonse Forbes Road Bridge Replacement, Central, LA, ARCADIS. Project Manager. Reviewed logs, samples, and data. Performed analysis/design, provided supervision, and prepared the report.

08/20 - 09/20

H.005967.5: Nelson Rd. Extension and Bridges - Calcasieu Parish, LA, DOTD. Senior Staff Engineer. Performed engineering analyses and design. She also prepared the report. The project consisted of providing a site characterization report for the new road and bridge, pile design, and pavement design recommendation. The geotechnical field exploration consisted of soil borings adjacent to the existing roadway, borings in undeveloped land adjacent to the Port of Lake Charles, and borings in Bayou Contraband. Field exploration was completed safely over the course of multiple weeks with up to four land and water drill crews on site at once. Laboratory testing included consolidation testing, compressive strength testing, and testing for classifying of soil samples collected in accordance with LADOTD standards. Terracon provided recommendations for precast concrete piles, pavement design, and site preparation.

10/19 - 02/22

H.011235.5: I-49 South @ Verot School Road US 90 - Lafayette, LA, DOTD. Senior Staff Engineer. Reviewed logs, samples, and data. She performed analysis/design, provided supervision, and prepared the report.

Firm employed by: Terracon Consultants, 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 specified in the applicable MPR(s).
03/19 (Previous employer)	Dogwood South Subdivision Unit No. 20 Roadway – Bossier City, LA. Geotechnical Project Manager. Reviewed logs and data. Performed analysis/design and prepared the geotechnical report. Project consisted of preparing an AASHTO pavement analysis for a new road.
03/18 – 04/18 (Previous employer)	Roadway Rehabilitations (Besson Ln/Jake Ln/Ravier Ln) – St. Gabriel, LA. Geotechnical Project Manager. Coordinated drilling efforts, reviewed samples, prepared boring logs, performed analysis, and prepared the geotechnical report. This project consisted of either mill and overlay or full depth reconstruction of the three roadways.
11/16 – 03/17 (Previous employer)	Cook Road Roundabout – Livingston Parish, LA. Project Manager. Coordinated drilling efforts, reviewed samples, prepared boring logs, performed analysis, and prepared the geotechnical report. This project consisted of the design and construction of a new roundabout intersection at Cook Road and LA Hwy 16.
07/16 – 09/16 (Previous employer)	Cook Road Improvements – Livingston Parish, LA. Project Manager. Coordinated drilling efforts, reviewed samples, prepared boring logs, performed analysis, and prepared the geotechnical report. This project consisted of the widening and expansion of the existing Cook Road, the design and installation of a new 6-cell box culvert, and the construction of a new, 180-ft concrete bridge with 10 pile bents.
05/16 – 11/16 (Previous employer)	Buddy Ellis Road Improvements – Livingston Parish, LA. Project Manager. Coordinated drilling efforts, reviewed samples, prepared boring logs, performed analysis, and prepared the geotechnical report. This project consisted of an overlay to the existing asphalt surface of Buddy Ellis Road and the replacement of the Taylor Creek Bridge with a short-span reinforced concrete slab on abutments.
Estimated 12/13 – 03/16 (Previous employer)	SP No. H.002260.5, Goose Bayou Bridge, Geotechnical Investigation Goose Bayou Bridge Route LA 45, Jefferson Parish, LA, DOTD. Assistant Project Manager. Coordinated drilling efforts.
Estimated 12/13 – 03/16 (Previous employer)	SP No. H.004435, I-12 to Bush-Segment 2, LA 3241 (LA 36 – LA 435), St. Tammany Parish, LA, DOTD. Assistant Project Manager. Performed driven pile analysis and soil boring analysis.
Estimated 12/13 – 03/16 (Previous employer)	SP No. H.010612.5, I-20 MS River Bridge Soil and Scour Stabilization, Madison Parish, LA @ Vicksburg, MS, DOTD. Assistant Project Manager. Prepared AutoCAD renderings, Coordinated monitoring and drilling.
Estimated 12/13 – 03/16 (Previous employer)	SP No. H.010601, I-10 LA 328 to LA 347, St. Martin Parish, LA, DOTD. Assistant Project Manager. Performed soil boring analysis.
Estimated 12/13 – 03/16 (Previous employer)	SP No. H.003003, I-10E JCT I-49 – LA 328, Lafayette Parish and St. Martin Parish, LA, DOTD. Assistant Project Manager. Soil Boring analysis.

Firm employed by: Terracon Consultants, Inc.

Ryan Poindexter, PE

Geotechnical Engineer

Years of relevant experience with this employer

6

Years of relevant experience with other employer(s)

0

Degree(s) / Years / Specialization

BS | 2013 | Engineering

Year registered

2021

Active registration number / state / expiration date

46285 | LA | 3/31/2024

Discipline

Civil



Contract role(s) / brief description of responsibilities:

Mr. Poindexter will provide Geotechnical Engineering services for the duration of this contract.

Experience dates
(mm/yy-mm/yy)

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

Mr. Poindexter has over six years of geotechnical engineering experience since graduating with a bachelor’s degree in civil engineering. His experience includes field and office tasks such as drill crew supervision, soil laboratory testing, data quality control, engineering calculations, geotechnical report preparation and project management. Mr. Poindexter began at Terracon as a field technician, working to monitor, test, and document ongoing construction operations under the supervision of senior project managers and engineers. Mr. Poindexter transferred to the geotechnical department, where he worked under the supervision of senior engineers, assisting with project management and project execution.

07/21 - 12/21

H.003931 I-10 Lake Charles, Lake Charles, LA, DOTD. Project Manager. Coordinated field work and access, including private land owners and government agencies. Coordinated lab testing and QC checked data. Prepared project deliverables and coordinated engineering review prior to final submittal.

05/20 - 01/21

H.005121 LA-1 and LA-415 Connector, Port Allen, LA, DOTD. Project Manager. Coordinated field work, access, and initial lab testing prior to project being suspended.

07/18 - 10/21

H.011235.5: I-49 South @ Verot School Road US 90 - Lafayette, LA, DOTD. Staff Engineer. Reviewed field logs, samples, and data. Assisted in coordinating lab testing.

06/18 - 06/21

H.005967.5: Nelson Rd. Extension and Bridges - Calcasieu Parish, LA, DOTD. Assistant to project manager. The project consisted of providing a site characterization report for the new road and bridge, pile design, and pavement design recommendation. The geotechnical field exploration consisted of soil borings adjacent to the existing roadway, borings in undeveloped land adjacent to the Port of Lake Charles, and borings in Bayou Contraband. Field exploration was completed safely over the course of multiple weeks with up to four land and water drill crews on site at once. Laboratory testing included consolidation testing, compressive strength testing, and testing for classifying of soil samples collected in accordance with LADOTD standards. Terracon provided recommendations for precast concrete piles, pavement design, and site preparation.

10/18-01/19

H.000133 US 80 Overpass at KCS RR, Simsboro, LA. Engineering Intern. Assisted with subsurface evaluation and lab testing. All testing was performed in accordance with LADOTD sampling and guidelines. He worked on boring logs and reporting.

Firm employed by: Terracon Consultants, 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 specified in the applicable MPR(s).

06/19 – 04/20

H.004100, I-10- Widening East Baton Rouge Parish – Baton Rouge, LA. Project Manager. The project consisted of providing a site characterization report for future improvements of the existing roadway. The geotechnical field exploration consisted of soil borings adjacent to the existing roadway. Field exploration was completed safely over the course of multiple weeks with up to four land drill crews on site at once. Laboratory testing included consolidation testing, compressive strength testing, and testing for classifying of soil samples collected in accordance with LADOTD standards.

07/18 – 12/18

H.009481, LA 20 Bayou Chevreuil Bridge - St. James Parish, LA. Assistant to project manager. Coordinated field activities and lab testing for this geotechnical characterization for a replacement bridge. The project consisted of soil borings and CPT soundings along the proposed alignment of the replacement. The geotechnical field exploration required extensive use of water boring equipment. Before field operations began, site visits were conducted to determine the safest and most efficient access for drilling equipment around and along. Field exploration was completed safely over the course of multiple days utilizing land, pontoon, and barge mounted drilling equipment. Laboratory testing included compressive strength testing and testing for classifying soil samples collected in accordance with LADOTD standards.

10/17 – 04/18

Roddy Road Improvements – Gonzales, LA, Ascension Parish Government. Engineering Intern. Assisted with subsurface evaluation and lab testing. All testing was performed in accordance with LADOTD sampling and guidelines. He worked on boring logs and reporting.

08/17 - 03/18

H.002980, I-10 over US-165 & MP RR – Iowa, LA. Engineering Intern. Assisted with subsurface evaluation and lab testing. All testing was performed in accordance with LADOTD sampling and guidelines. He worked on boring logs and reporting.

08/17 – 09/17

H.002238 Robinson Canal Bridge, Terrebonne Parish, LA, DOTD. Engineering Intern. Reviewed logs, samples and data for the project that included field exploration, laboratory testing and geotechnical engineering for the bridge.

Firm employed by: Terracon Consultants, Inc.

Matt Minton

Department Manager – Laboratory Services

Years of relevant experience with this employer

20

Years of relevant experience with other employer(s)

0

Degree(s) / Years / Specialization

AA | 2001 | Design Drafting Technology

Year registered

N/A

Active registration number / state / expiration date

N/A

Discipline

N/A



Contract role(s) / brief description of responsibilities:

Mr. Minton will oversee laboratory testing for the duration of this contract.

Experience dates
(mm/yy–mm/yy)

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

Mr. Minton has 20 years of experience in laboratory testing and construction QA/QC testing for geotechnical projects, civil construction, and landfill construction. Mr. Minton currently serves as the Laboratory Manager of Terracon’s Baton Rouge full-service geotechnical and construction materials laboratory. Mr. Minton has worked diligently to implement a complete QA process for all the laboratory tests conducted in our laboratory. Under his supervision, the Baton Rouge laboratory has maintained its LDEQ LELAP, USACE, and AASHTO (AMRL and CCRL) certifications.

07/21 – 12/21

H.003931 I-10 Lake Charles, Lake Charles, LA, DOTD. Served as lab manager on this project.

06/20 – 01/21

H.005121 LA-1 and LA-415 Connector, Port Allen, LA, DOTD. Served as lab manager on this project.

06/19 – 01/20

H.004100: I-10- Widening East Baton Rouge Parish, LA, DOTD. Served as lab manager on this project.

07/18 – 11/18

H.011235.5: I-49 South @ Verot School Road US 90 - Lafayette, LA, DOTD. Served as lab manager on this project.

06/18 – 08/18

H.005967.5: Nelson Rd. Extension and Bridges - Calcasieu Parish, LA, DOTD. Served as lab manager on this project.

06/17 – 02/18

H.002980.5: I-10 Overpass US 165 & MPRR, Project - Iowa, LA, DOTD. Served as lab manager on this project.

09/17 – 11/17

US 165/I-10 Project; Iowa, LA, DOTD. Served as lab manager on this project.

03/17 – 04/17

H.001140 LA 124: Hooter Creek Bridge - Jena, LA, DOTD. Served as lab manager on this project.

01/17 – 03/17

H009233: Bayou Flagon Bridges - Ball, LA, DOTD. Served as lab manager on this project.

09/14 – 08/15

Highway 167 Widening, DOTD. Served as lab manager on this project.

11/10 – 11/11

LA 1/Interstate 10 Connector – 30% Design, Port Allen, LA, Volkert/DOTD. Served as lab manager on this project.

05/08 – 03/09

I-12 Widening – East Baton Rouge and Livingston Parishes, LA, DOTD. Served as lab manager on this project.

11/04 – 07/12

Off System Bridges throughout LA, DOTD. Served as lab manager on this project.

Firm employed by: Terracon Consultants, Inc.

Brian Alexander

Department Manager – Laboratory Services

Years of relevant experience with this employer 16

Years of relevant experience with other employer(s) 0

Degree(s) / Years / Specialization MS | 1999 | Physical Therapy

Year registered N/A

Active registration number / state / expiration date N/A

Discipline N/A



Contract role(s) / brief description of responsibilities:

Mr. Alexander will oversee field services for the contract and oversee traffic control services for the duration of this contract.

Experience dates
(mm/yy-mm/yy)

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

With 16 years of experience in field exploration, Mr. Alexander manages the geotechnical drilling operations for Louisiana and Mississippi. He has worked extensively on commercial, industrial, DOTD and institutional projects. These assignments have provided him with extensive experience in Shelby Tube and Split Spoon sampling, Macro-core, Geoprobe and Electronic Cone Penetrometer Testing (CPT) and mud rotary drilling. He coordinates logistics/scheduling of projects between the six offices in both states and assists neighboring states in project coordination when it is needed. His approach to increased field safety has earned him safety awards at the division and national level. Mr. Alexander's certifications include:

- ▼ ATSSA Traffic Control Supervisor
- ▼ ATSSA Certified Flagger

01/22- 01/22	H.012033 Cross Bayou and Caney Bayou Bridges – Ouachita Parish, LA, DOTD. Supervised drill crews for this project.
01/22- 01/22	H. 002794.5 LA 308 – Canal Bridges Near Larose – Larose, LA, DOTD. Supervised drill crews for this project.
07/21 – 10/21	H.003931 I-10 Lake Charles, Lake Charles, LA, DOTD. Supervised drill crews during field exploration.
05/20 -01/21	H.005121 LA-1 and LA-415 Connector, Port Allen, LA, DOTD. Supervised drill crews for this project.
10/18 – 07/19	H.010620: US 90 (I-49 South) Design Build, Lafayette Parish, LA, C.H. Fenstermaker. Supervised drill crews and worked in the field as a logger on several of these projects.
06/19 – 11/19	H.004100: I-10- Widening East Baton Rouge Parish, LA, DOTD. Supervised drill crews and worked in the field as a logger.
07/18 – 10/18	H.011235.5: I-49 South @ Verot School Road US 90, Lafayette, LA, DOTD. Supervised drill crews.
05/18 – 06/18	H.005967.5: Nelson Rd. Extension and Bridges, Calcasieu Parish, LA, DOTD. Supervised drill crews and worked in field as a logger for water borings.
05/17 – 08/17	H.002980.5: I-10 Overpass US 165 & MPRR Project; Iowa, LA, DOTD. Served as field supervisor for this project.
01/17 – 01/17	H.001140 LA 124: Hooter Creek Bridge; Jena, LA, DOTD. Served as field supervisor for this project.

Firm employed by: Terracon Consultants, 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 specified in the applicable MPR(s).

09/14 - 08/15

Highway 167 Widening, DOTD. Supervised drill crews and worked in the field as a logger on several of these projects.

11/04 - 07/12

Off System Bridges throughout LA, DOTD. Supervised drill crews and worked in the field as a logger on several of these projects.

05/08 - 07/12

Off System Bridges throughout Louisiana, DOTD. Supervised drill crews and worked in the field as a logger on several of these projects.

11/04 - 07/12

I-12 Widening - East Baton Rouge and Livingston Parishes, LA, DOTD. Served as field supervisor for this contract.

SECTION 17

FIRM EXPERIENCE



17. Firm Experience:

Identify the team's project experience most relevant to the scope in the advertisement. The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated. Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm name	Volkert, Inc.	Past Performance Evaluation Discipline(s)*	CE&I/OV, Survey
Project name	Surveying and Engineering Services, Bossier Parish East\ West (La. 3 To Airline Highway) Winfield Road Extension	Firm responsibility (prime or sub?)	Prime
Project number	n/a	Owner's name	Bossier Parish Police Jury
Project location	Bossier Parish, LA	Owner's Project Manager	Eric Hudson
Owner's address, phone, email	P.O. Box 70, Benton, LA 71005 (ehudson@bossierparishla.gov)		
Services commenced by this firm (mm/yy)	12/15	Total consultant contract cost (\$1,000's)	\$232.6
Services completed by this firm (mm/yy)	09/17	Cost of consultant services provided by this firm (\$1,000's)	\$232.6

The project consisted of providing all necessary administration, planning, engineering, and land surveying required for developing the Project to construct a new roadway from Benton Road to Airline Drive along alignment selected by Environmental Study accomplished by Bossier Parish Police Jury. The services for this project were divided into seven (7) phases, which Volkert was responsible for, as follows:

- Phase I - Topographic Surveys & Drainage Map
- Phase II - ROW Surveys & Maps
- Phase III - Preliminary Plans sufficient to establish ROW
- Phase IV - Finalize Preliminary Plans
- Phase V - Final Plans
- Phase VI - Bid & Award
- Phase VII - Construction Supervision

Staff to be used in this proposal:

- ▼ Randy Denmon, PE, PLS
- ▼ Steven Lengefeld
- ▼ Bryan Ardoin
- ▼ Benny Fox

Work included Topographic Surveys, ROW Surveys & Maps and Preliminary Plans sufficient to set ROW for a new roadway from Benton Road to Airline Drive following the alignment established in the East/West Alignment Study. This new roadway is approximately 5,300 feet in length. This work constitutes a portion of the current advertisement for Bossier Congestion Relief Winfield Road.

Firm name	Volkert, Inc.	Past Performance Evaluation Discipline(s)*	CE&I/OV
Project name	North-South Corridor	Firm responsibility (prime or sub?)	Prime
Project number	n/a	Owner's name	Bossier Parish Police Jury
Project location	Bossier Parish, LA	Owner's Project Manager	Eric Hudson
Owner's address, phone, email	P.O. Box 70, Benton, LA 71005 (ehudson@bossierparishla.gov)		
Services commenced by this firm (mm/yy)	09/23	Total consultant contract cost (\$1,000's)	\$355,000
Services completed by this firm (mm/yy)	09/24	Cost of consultant services provided by this firm (\$1,000's)	\$355,000

The project shall consist of providing all necessary administration, planning, engineering, and land surveying required for developing the Project to construct a new roadway from Benton Road to Airline Drive along alignment selected by Environmental Study accomplished by Bossier Parish Police Jury. The services for this project were divided into seven (7) phases, which Volkert was responsible for, as follows:

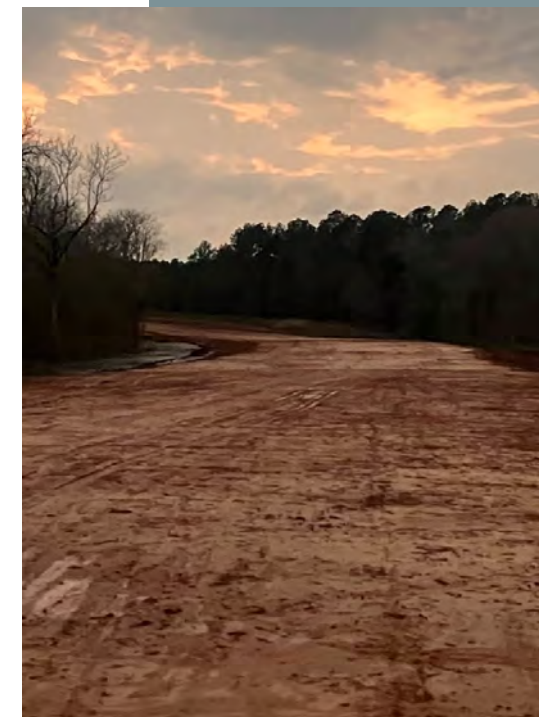
- Phase I - Topographic Surveys & Drainage Map
- Phase II - ROW Surveys & Maps
- Phase III - Preliminary Plans sufficient to establish ROW
- Phase IV - Finalize Preliminary Plans
- Phase V - Final Plans
- Phase VI - Bid & Award
- Phase VII - Construction Supervision

Volkert was responsible for the construction management of subconsultants and inspectors and testing laboratories for the construction of the North/South corridor. This project was for the construction of a \$21 M road project.

Volkert was responsible for the successful construction of this project by overseeing the contractor, inspectors, and testing services for all key aspects of this project.

Staff to be used in this proposal:

▼ Chris Patrick



Firm name	Volkert, Inc.	Past Performance Evaluation Discipline(s)*	CEEI/OV, Survey, Environmental
Project name	Sligo Rd. Extension Imp. – ART Overlay	Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Bossier Parish Police Jury
Project location	Bossier Parish, LA	Owner's Project Manager	Eric Hudson
Owner's address, phone, email	P.O. Box 70, Benton, LA 71005 (ehudson@bossierparishla.gov)		
Services commenced by this firm (mm/yy)	07/2023	Total consultant contract cost (\$1,000's)	\$159,397
Services completed by this firm (mm/yy)	N/A	Cost of consultant services provided by this firm (\$1,000's)	\$159,397

Volkert has been involved in several projects for the Sligo Road Extension. Currently under contract is Phase II which is from Sligo Road to HWY 527 and Phase III Hwy 527 to Hwy 154. Services include Surveying, as needed, Alignment Studies, Environmental Analysis and Permitting,

Based on existing GIS data and Property Ownership maps, Volkert identified a minimum of two preliminary alignments for the extension of Arthur Ray Teague Parkway south from Sligo Road to Hwy 527. Volkert also developed typical sections for both alignments. All work was in accordance with LADOTD design procedures. Traffic Study was completed and submitted in June of 2023 and recommendations included:

Access management should be considered for the southern driveway of the existing Exxon gas station. This driveway should be relocated to the new connection on Caplis Sligo Rd to Arthur Ray Teague Pkwy rather than directly accessing US 71. This change would provide the gas station with direct access to the new roadway while removing conflict points along US 71. Once the two alignments have been approved a Detailed Environmental Analysis of a 500' corridor centered on the alternate routes will be performed. Detailed Environmental Analysis will include a detailed wetland delineation and USACE Jurisdiction Determination of Wetlands, cultural resource assessment, and wildlife assessment. Detailed Environmental Analysis will only be performed on the Alternatives from Sligo Road to HWY 527.

Upon completion of the environmental assessment, Volkert will perform preliminary line and grade engineering and quantity calculations to produce cost estimates for both alternatives.

Southbound Left turn Lane at Arthur Ray Teague Pkwy at Curtis Sligo Rd

- Approximate Transition Length for Asymmetrical Shift = 430'
- Deceleration Length = 335'
- Storage Length = 100' minimum

Northbound Left turn Lane at US 71 at Caplis Sligo Rd

- Taper length = 180'
- Deceleration Length = 505'
- Storage Length = 100' minimum

Northbound Right turn Lane at US 71 at Caplis Sligo Rd

- Taper length = 180'

- Deceleration Length = 505'
- Storage Length = 100' minimum

Southbound Left turn Lane at US 71 at Caplis Sligo Rd

- Taper length = 180'
- Deceleration Length = 505'
- Storage Length = 100' minimum

Northbound Left turn Lane at US 71 at Mercer Rd/new connection

- Taper length = 180'
- Deceleration Length = 505'
- Storage Length = 100' minimum

Staff to be used in this proposal:

- ▼ Chris Patrick
- ▼ Ashley Beckendorf
- ▼ Jonathan Gambino
- ▼ Alyssa Bienes
- ▼ Perry Leblanc

Firm name	Volkert, Inc.	Past Performance Evaluation Discipline(s)*	Bridge
Project name	District 04 IJA Off-System Bridge Program	Firm responsibility (prime or sub?)	Prime
Project number	Contract no. 4400025024	Owner's name	LADOTD
Project location	Statewide, LA	Owner's Project Manager	Valerie Tourres
Owner's address, phone, email	1201 Capitol Access Rd., 602D, Baton Rouge, LA 70802, (225) 379-1894 valerie.tourres@la.gov		
Services commenced by this firm (mm/yy)	09/22	Total consultant contract cost (\$1,000's)	\$50 (est.)
Services completed by this firm (mm/yy)	09/27 (est.)	Cost of consultant services provided by this firm (\$1,000's)	\$50 (est.)

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. Armstrong is the Engineer assisting in the Phase 1 preliminary screening matrix and bridge selection process based on a set budget provided; ultimately moving the selected bridges to construction while coordinating with the DOTD and local stakeholders.

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

Volkert coordinated with each Parish to develop a selected structures list and program brides for the five years of funding for the IIJA funding stream.

Volkert will be performing Survey, Environmental Permitting, Hydraulic Analysis and Bridge Design services in the next phases of this contract..

Staff to be used in this proposal:

- ▼ Jan Evans, PE, MBA
- ▼ Randy Denmon, PE, PLS
- ▼ Hossein Ghara, PE, MBA
- ▼ Steven Armstrong, PE
- ▼ Chad Fisher



Firm name	Volkert, Inc.	Past Performance Evaluation Discipline(s)*	Road, Survey, CE&I/OV
Project name	Fink's Hide-A-Way Road	Firm responsibility (prime or sub?)	Prime
Project number	700-24-0087	Owner's name	LADOTD
Project location	Ouachita Parish, LA	Owner's Project Manager	Fred Borne
Owner's address, phone, email	P.O. Box 94245 Baton Rouge, LA 70804-9245, (225) 379-1401, fred.borne@la.gov		
Services commenced by this firm (mm/yy)	04/99	Total consultant contract cost (\$1,000's)	\$2,100
Services completed by this firm (mm/yy)	06/17	Cost of consultant services provided by this firm (\$1,000's)	\$2,100


Right of way, Surveying, Design and CE&I of widening approximately 2 miles of Finks Hide-A-Way road in Ouachita Parish to three/five lane undivided roadway with underground drainage. DEC was the Prime Engineer in charge of roadway design for the entire project. Project included and concrete roadway, curb and gutter, and underground drainage. Work included: drainage design, geometric design, typical sections, preliminary and final plans, quantity calculations and cost estimates.



Staff to be used in this proposal:

- ▼ Randy Denmon, PE, PLS

**FINK'S HIDE-A-WAY
WIDENING**
S.P. NO. H.007065.6
COMPLETED 2016
Ouachita Parish Police Jury

DISTRICT A - MR. SCOTTY ROBINSON
DISTRICT B - MR. JACK CLAMPT
DISTRICT C - MR. WALTER M. CALDWELL, IV
DISTRICT D - DR. OLLIBETH REDDIX
DISTRICT E - MR. SHANE SMILEY
DISTRICT F - MS. PAT MOORE



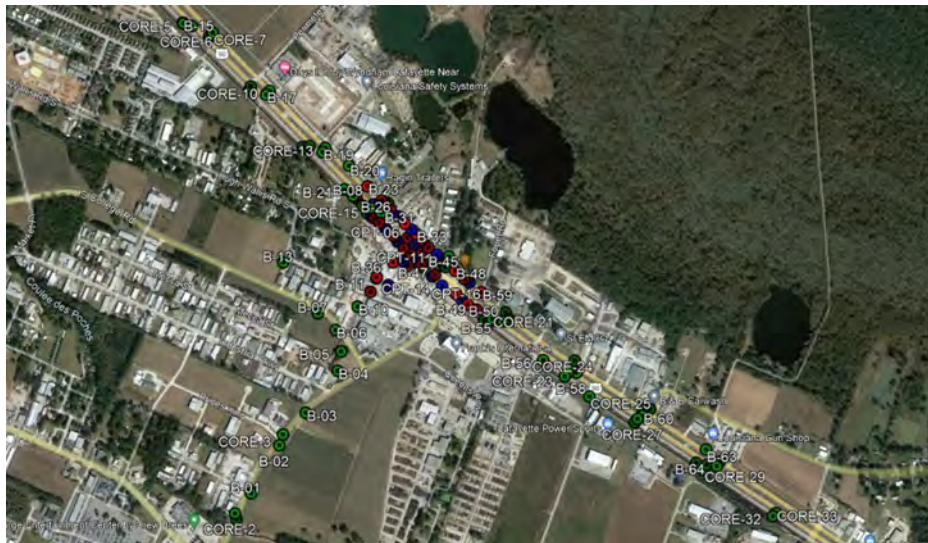



Firm name	Terracon Consultants, Inc.	Past Performance Evaluation Discipline(s)*	Geotech
Project name	I-49 South at Verot School Road	Firm responsibility (prime or sub?)	Sub
Project number	H.011235	Owner's name	Louisiana Department of Transportation and Development
Project location	Daphne, AL	Owner's Project Manager	Corey Landry, PE
Owner's address, phone, email	1201 Capitol Access Rd, Baton Rouge, LA 70802; (225) 379-1387; corey.landry@la.gov		
Services commenced by this firm (mm/yy)	06/18	Total consultant contract cost (\$1,000's)	\$442
Services completed by this firm (mm/yy)	02/22	Cost of consultant services provided by this firm (\$1,000's)	\$442

Terracon was the geotechnical subconsultant to Huval and Associates. Terracon performed 30 deep borings, 67 shallow borings, including 33 located within the existing roadways, 15 CPT soundings, lab testing, installed and monitored piezometer, and prepared soil surveys and boring logs for planned new bridges, roadway widening, and retaining wall structures.

Prior to mobilizing exploration equipment, Terracon's drilling manager and drilling personnel conducted extensive site visits to mark boring locations, meet with private landowners and utility locators, and verify boring access and site conditions. Terracon coordinated field activities with DOTD district personnel, including the required traffic control. Traffic control, including shoulder and both daytime and overnight lane closures were required to complete several

borings. Terracon mobilized multiple pieces of exploration equipment to complete all field work in a timely and provided regular updates to team members about the project.



Staff to be used in this proposal:

- ▼ Lynne Roussel McMillen
- ▼ Steve Greaber
- ▼ Sarah Berman
- ▼ Ryan Poindexter
- ▼ Matthew Minton
- ▼ Brian Alexander

After completing the field exploration and lab testing programs, Terracon prepared pile nominal resistance calculations for the planned bridge substructures in accordance with DOTD standards. Terracon additionally performed stability and settlement analyses for the MSE Walls. Terracon communicated with the design team and updated the analyses and recommendations throughout the design process, as necessitated by changes in the design.

Firm name	Terracon Consultants, Inc.	Past Performance Evaluation Discipline(s)*	Geotech
Project name	US 90 (I-49 South) Albertsons Parkway Design Build	Firm responsibility (prime or sub?)	Sub
Project number	H.010620	Owner's name	Louisiana Department of Transportation and Development
Project location	Broussard, LA	Owner's Project Manager	Peggy Jo Paine, PE
Owner's address, phone, email	1201 Capitol Access Rd, Baton Rouge, LA 70802; (337)475-4287; Peggy.Paine@la.gov		
Services commenced by this firm (mm/yy)	02/15	Total consultant contract cost (\$1,000's)	\$350
Services completed by this firm (mm/yy)	12/18	Cost of consultant services provided by this firm (\$1,000's)	\$350

Terracon provided geotechnical design of the substructure of two bridges and global stability and settlement analysis for several MSE walls to be constructed as part of this design build project. Terracon developed nominal capacity and resistance factors for pile foundations for the bridge substructures and developed driving criteria using WEAP analysis for the proposed pile driving equipment. Dynamic Pile Testing was performed during construction to verify pile capacities. Terracon reviewed the CAPWAP results and provided recommendations for adjustment of the resistance factors or pile order lengths to accommodate slight variations in nominal capacity obtained at each bent. Terracon also provided construction phase support to the design build contractor in evaluating of settlement monitoring data for the MSE walls for compliance with the contract requirements, pile bent acceptance, resolving NCRs, and supporting evaluation of RFIs.

Staff to be used in this proposal:

- ▼ Lynne Roussel McMillen
- ▼ Steve Greaber
- ▼ Ryan Poindexter
- ▼ Matthew Minton
- ▼ Brian Alexander



Firm name	Terracon Consultants, Inc.	Past Performance Evaluation Discipline(s)*	Geotech
Project name	Nelson Road Extension and Bridge	Firm responsibility (prime or sub?)	Prime
Project number	H.009481	Owner's name	Louisiana Department of Transportation and Development
Project location	Lake Charles, LA	Owner's Project Manager	Kristy Smith, PE
Owner's address, phone, email	1201 Capitol Access Rd, Baton Rouge, LA 70802; (225) 379-1387; Kristy.Smith2@la.gov		
Services commenced by this firm (mm/yy)	07/18	Total consultant contract cost (\$1,000's)	\$364
Services completed by this firm (mm/yy)	12/18	Cost of consultant services provided by this firm (\$1,000's)	\$364

Terracon provided soil borings, lab testing, boring logs, and engineering for a planned roadway extension and bridge. Provided pile nominal capacity calculations and recommendations for resistance factors for design. Provided design support for impact dolphins to be placed in front of bridge to protect superstructure from impact by large ships from adjacent Port of Lake Charles.

Staff to be used in this proposal:

- ▼ Lynne Roussel McMillen
- ▼ Steve Greaber
- ▼ Ryan Poindexter
- ▼ Matthew Minton
- ▼ Brian Alexander



Firm name	EJES, Inc.	Past Performance Evaluation Discipline(s)*	Road
Project name	Desoto Parish Road Rehabilitation (2009)	Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Desoto Parish Police Jury
Project location	Mansfield, LA	Owner's Project Manager	Steve Brown, PE
Owner's address, phone, email	101 Franklin St, Mansfield, LA 71052 (P) 318.872.0738; sbrown@desotoppj.com		
Services commenced by this firm (mm/yy)	02/09	Total consultant contract cost (\$1,000's)	\$7.5M
Services completed by this firm (mm/yy)	07/10	Cost of consultant services provided by this firm (\$1,000's)	\$750

Developed a roadway rehabilitation plan to improve substandard paving at various locations throughout the Parish network. Desoto Parish's initial plan was to rehabilitate 32 miles of substandard roadway at various locations throughout their system. A massive amount of oil and gas activities were underway at the time of the project, and the heavy drilling equipment and associated material trucks were causing a considerable amount of unforeseen roadway failures. Initial rehabilitation concepts varied from mill/overlay plans to complete reconstruction. In addition, the Parish was interested in widening the existing pavement to meet current traffic capacity demands. The original construction budget allocated for this project was \$14.6 million. EJES was tasked with developing an improvement plan that would meet the Parish's goals where feasible while making the best possible use of the allocated construction budget. EJES reviewed the highest need locations for possible construction solutions, as well as analyzed the cost/benefit for multiple construction options. Eventually, cost-savings measures became more critical, as the construction budget was reduced \$7.5 million. In an effort to help the Parish meet its goal, EJES analyzed and implemented several cost-savings measures, such as investigation and analysis of existing crossdrain structures for salvage instead of replacement. Another proposed concept was to vary the typical section thickness and width depending on the horizontal and vertical curvature of the road. For example, the proposed pavement width for straight sections was 20 feet, while the width was increased to 24 feet for horizontal curves. These innovative measures allowed the Parish to reconstruct the desired roadways within the allotted budget. Additionally, the Parish had a scheduling constraint requiring the projects to be designed and advertised for bids within 60 days. EJES managed the process by utilizing three survey crews and geotechnical services concurrently while designing the project. Using this aggressive, expedited approach, EJES was able to develop plans and specifications that met construction requirements while meeting the client's scheduling needs.

Staff to be used in this proposal:

- ▼ Tanita Gilbert-Baker, PE
- ▼ Shirley Wilson, EI

BENEFIT: BRING INNOVATIVE IDEAS TO MEET BUDGET AND SCHEDULING CONSTRAINTS.



Firm name	EJES, Inc.	Past Performance Evaluation Discipline(s)*	Road
Project name	Desoto Parish Police Jury 2019 Road Improvements	Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Desoto Parish Police Jury
Project location	Mansfield, LA	Owner's Project Manager	Steve Brown, PE
Owner's address, phone, email	101 Franklin St, Mansfield, LA 71052 (P) 318.872.0738; sbrown@desotoppj.com		
Services commenced by this firm (mm/yy)	03/19	Total consultant contract cost (\$1,000's)	\$208
Services completed by this firm (mm/yy)	11/19	Cost of consultant services provided by this firm (\$1,000's)	\$208

EJES developed a roadway repair strategy to improve 20 miles of inadequate asphalt at various places around the Parish network. EJES also provided support during the design phase, the bidding and negotiating process, the construction phase, and the post-construction phase. The standard configuration for a road segment was an overlay of two-lane roadways with lane widths ranging from nine to eleven feet wide.

Staff to be used in this proposal:

- ▼ Tanita Gilbert-Baker, PE
- ▼ Shirley Wilson, EI

Firm name	EJES, Inc.	Past Performance Evaluation Discipline(s)*	Road
Project name	Doug Attaway Extension	Firm responsibility (prime or sub?)	Subconsultant
Project number	N/A	Owner's name	Caddo Bossier Port Commission
Project location	Caddo-Bossier, LA	Owner's Project Manager	Bob Basinger, PE, PLS
Owner's address, phone, email	Forte & Tablada (Prime); (P) 318.798.3344		
Services commenced by this firm (mm/yy)	02/12	Total consultant contract cost (\$1,000's)	N/A
Services completed by this firm (mm/yy)	05/14	Cost of consultant services provided by this firm (\$1,000's)	\$136

EJES (Subconsultant) in the project which involved the development of construction documents for the extension of Doug Attaway to provide access to the new Benteler Steel Plan to be constructed at the Caddo Bossier Port.

EJES was responsible for the development of the following: Roadway Design, Traffic Control Design, Typical Sections, Summary of Estimate Quantities, General Construction/SWPPP Notes, Geometric Layout, Geometric Details, Pavement Marking and Signing, Std. Plans, Erosion Control Plans & Details, Bid Documents/Specifications.

Staff to be used in this proposal:

- ▼ Tanita Gilbert-Baker, PE
- ▼ Shirley Wilson, EI



Firm name	NTB Associates, Inc.	Past Performance Evaluation Discipline(s)*	**Survey, Other (SUE), Right-of-Way
Project name	Jimmie Davis Bridge [LA 511] Design-Build	Firm responsibility (prime or sub?)	Sub
Project number	H.001779	Owner's name	LaDOTD Baton Rouge/ James Construction/ Huval & Associates, Inc.
Project location	Bossier & Caddo Parishes, LA	Owner's Project Manager	Mr. Aaron Dupont
Owner's address, phone, email	18484 E. Petroleum Drive, Baton Rouge, LA 70809 (225) 442-6362 adupont@prim.com		
Services commenced by this firm (mm/yy)	01/23	Total consultant contract cost (\$1,000's)	\$1,140
Services completed by this firm (mm/yy)	On-going	Cost of consultant services provided by this firm (\$1,000's)	\$1,140

NTBA is performing static GPS control, topographic and property surveying services, title takeoffs, title research reports, ROW mapping, traffic control, utility coordination services, QL A, B, C, & D utility designating/locating for the design-build project to replace the Jimmy Davis Bridge across the Red River. The scope of this project consists of constructing a new four lane structure carrying LA 511 across the Red River, repurposing the existing Jimmie Davis Bridge as a Linear Park to provide bicycle and pedestrian facilities, converting LA 511 (Jimmie Davis Hwy) into a four-lane, median-divided highway on the east side of bridge; as well as providing full access interchanges between LA 511 and Clyde Fant Memorial Parkway and Arthur Ray Teague Parkway. NTBA designed and implemented a Traffic Control Plan for the project's bridge closure which was completed during night shifts to ensure safety and avoid travel disruptions.

NTBA verified the horizontal and vertical control set by LaDOTD during the original survey and verified the vertical control for both sides by running digital levels across the bridge, which was not performed in the original survey. For property surveys, title take-offs were attained for all properties adjacent to the route and a property survey submittal prepared with apparent ROW shown. Title Reports are also being prepared by our subconsultant for the known areas of taking. Right-of-Way maps will be prepared once the final alignment is established so the takings can be confirmed. NTBA is identifying all utilities in conflict with the construction and coordinating any required utility adjustments with the utility owner. NTBA is utilizing the Louisiana Department of Transportation Survey and Design guidelines as well as CI/ASCE Standard 38-02.

Staff to be used in this proposal:

- ▼ P. Rossini
- ▼ A. Schulze
- ▼ W. Offer
- ▼ B. Bunch
- ▼ G. Gilleon
- ▼ P. Staiano
- ▼ T. Sitton

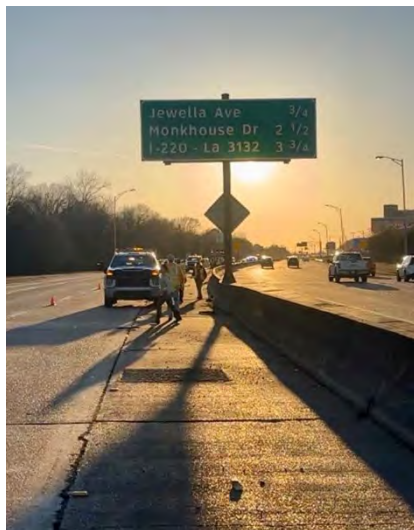


Firm name	NTB Associates, Inc.	Past Performance Evaluation Discipline(s)*	**Survey & Other (SUE)
Project name	I-20: Monkhouse to I-49, Route I-20	Firm responsibility (prime or sub?)	Prime
Project number	4400017713/ H.010468.5	Owner's name	LaDOTD
Project location	Caddo Parish, LA	Owner's Project Manager	Mr. Barrett Smith, PLS
Owner's address, phone, email	1201 Capitol Access Road, Baton Rouge, LA 70802 (225) 379-1133 barrett.smith@la.gov		
Services commenced by this firm (mm/yy)	04/22	Total consultant contract cost (\$1,000's)	\$1,355
Services completed by this firm (mm/yy)	04/23	Cost of consultant services provided by this firm (\$1,000's)	\$1,355

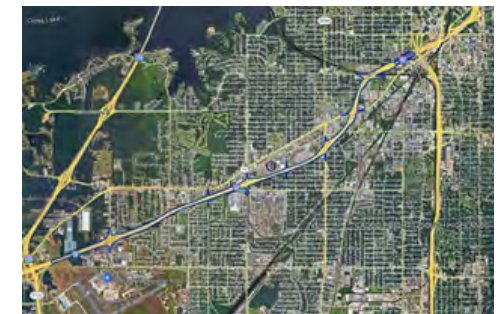
NTBA performed Static GPS Control, topographic surveying services utilizing RTK and conventional surveying and HDS 3D Terrestrial Laser Scanning, Traffic Control, and QL C & D subsurface utility investigation for interstate rehabilitation. NTBA also prepared a drainage map. This project was one of the largest topographic surveys NTBA has ever been a part of. It consisted of 4.89 miles of interstate, 2.35 miles of side streets, and a drainage area of approximately 990 acres. Surveys and utility investigations were performed along I-20 beginning approximately 4,200 ft. southwest of the intersection of Monkhouse Dr. and I-20 and proceed in a northeasterly direction along I-20 ending at the westerly end of the I-20/I-49 interchange. Areas included Monkhouse Drive, Jewella Avenue, Hearne Avenue, Greenwood Road, Texas Avenue, and Lakeshore Drive.

Staff to be used in this proposal:

- ▼ P. Rossini
- ▼ A. Schulze
- ▼ W. Offer
- ▼ B. Bunch
- ▼ G. Gilleon
- ▼ P. Staiano
- ▼ T. Sitton



NTBA managed our sub-consultant, E.S.P. Associates, P.A., for Mobile Laser Scanning Services of hard surfaces along the route. NTBA performed data extraction of mobile scan data for incorporation into Inroads and for Point Cloud delivery. LaDOTD's project schedule had an allowable duration of 365 days, but NTBA completed in 359 days with one minor comment. This effort took 3,999 field crew hours, 3,448 CADD hours, and 2,250 PLS hours. There were over 70,000 points for the topographic survey and over 1,500 drainage structures surveyed for the drainage map. The areas included major thoroughfares, surface streets, railroad rights-of-way, and drainage canals. MicroStation files were the deliverable for the project. All services completed in accordance with the Location and Survey Manual and all currently accepted Location and Survey Automated procedures.



Firm name	NTB Associates, Inc.	Past Performance Evaluation Discipline(s)*	Survey
Project name	Winfield Road Extension, East/West (LA 3 to Airline Dive)	Firm responsibility (prime or sub?)	Sub to Volkert, Inc.
Project number	DEC 15-11-03	Owner's name	Bossier Parish Police Jury
Project location	Bossier Parish, LA	Owner's Project Manager	Randy Denmon, PE, PLS
Owner's address, phone, email	114 Venable Lane, Monroe, LA 71203 (318) 388-1422 randy.denmon@volkert.com		
Services commenced by this firm (mm/yy)	11/15	Total consultant contract cost (\$1,000's)	\$82.9
Services completed by this firm (mm/yy)	05/17	Cost of consultant services provided by this firm (\$1,000's)	\$82.9

This Bossier Parish Roadway Design Project was the first mile of the exact same route as advertised for this LaDOTD advertisement. It began at LA Hwy 3 (Benton Road) and went eastward 5,600 feet to a point just east of LA Hwy 3105 (Airline Road) Included in this survey was 1,000 feet of LA 3 and 1,000 feet of Airline Drive. The project was placed on hold in 2016. As a subcontractor to Denmon Engineering (now Volkert), NTBA completed all surveying tasks: control surveys, topographic surveys, and property surveys. NTBA also located all utilities and produced a drainage map as well as a preliminary right-of-way map for the Bossier Parish Policed Jury to acquire the right-of way from.

For control surveys, NTBA established horizontal and vertical control based on GPS observations tied to the Bossier Parish Control Monument network, densified control throughout the project, and ran digital levels through all points. For topographic surveys, NTBA performed a topographic survey 200 feet wide for the length of the route. A Digital Terrain Model (DTM) was produced from that survey in .DGN format. All utilities were Quality Level D (QLD) located from existing records and a Louisiana One Call. For property surveys, title take-offs were attained for all properties adjacent to the route. A search file was created for field crews to look for corners.

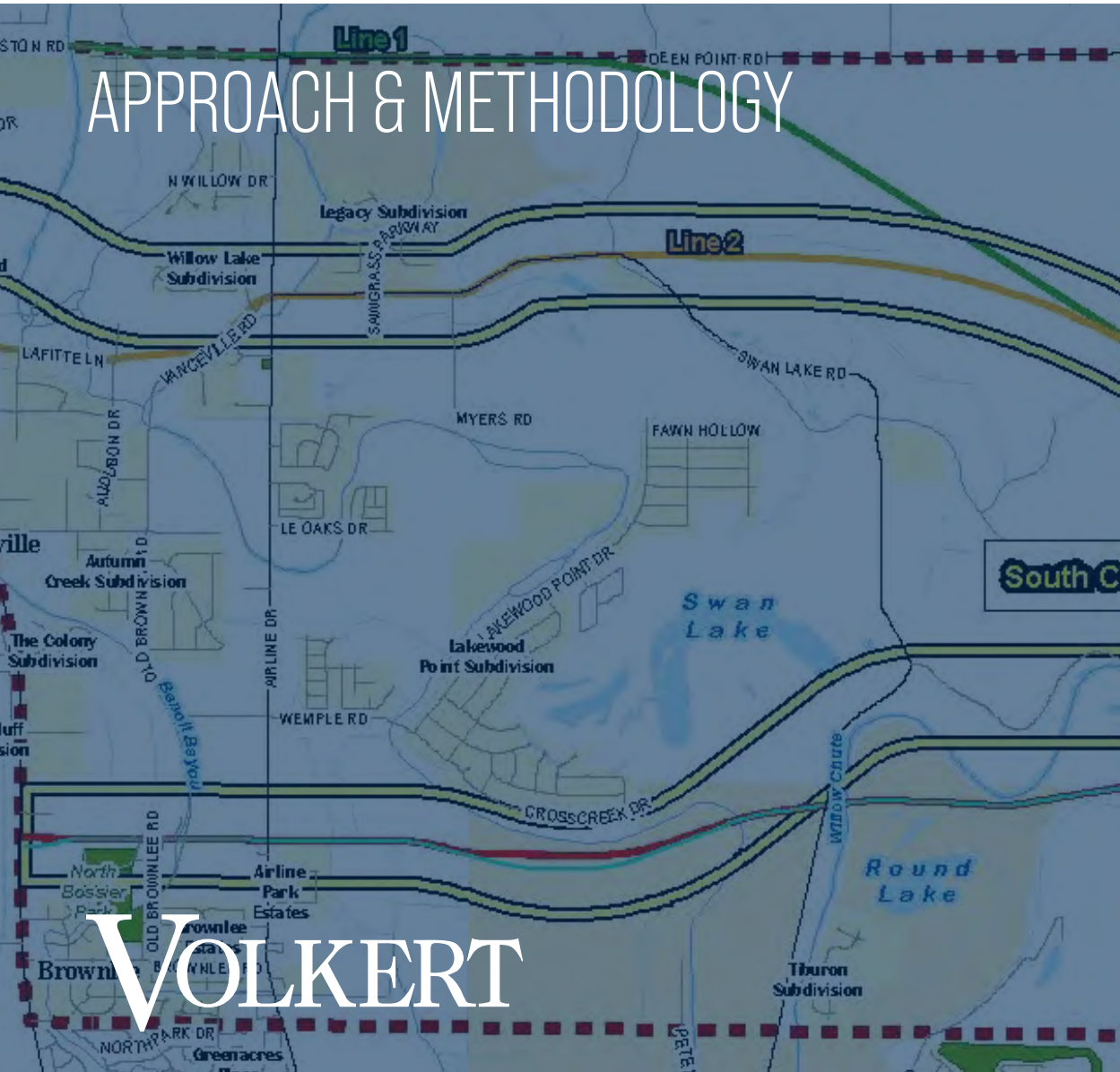
From that map, the property survey was produced, and a file with property lines was transmitted to Denmon. The drainage map produced by NTBA included all drainage structures within one half mile of the project. In addition to all structures, the drainage map depicted the ridge lines, flow arrows, drainage areas, buildings, roads, etc. A preliminary draft of a right-of-way map was submitted to the Parish, but the project was put on hold prior to its completion. All services completed in accordance with the Location and Survey Manual, and all currently accepted Location and Survey Automated procedures.

Staff to be used in this proposal:

- ▼ P. Rossini
- ▼ B. Bunch
- ▼ G. Gilleon

SECTION 18

APPROACH & METHODOLOGY



VOLKERT

18. Approach and Methodology:

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

Project Background | WHY CHOOSE VOLKERT

The Bossier Parish East – West Corridor has been a major project in the works for the Parish for over fifteen years. Volkert, our Monroe staff (previously Denmon Engineering, Inc), has been involved on this project since the inception. First, with the Line and Grade Study and then with the Environmental Document, and then preliminary plans for the western 5500' of the project. Our Surveying sub, NTB Associates, Inc. (NTBA), is also located in the project area, and was involved in the Preliminary Plans for the project. This proposal has been developed to showcase both our DOTD experience and our local Bossier Parish experience which will help ensure a successful project completion. We are prepared to provide plans in accordance with DOTD's Software and Deliverable Standards for Electronic Plans and engineering services in accordance with current Design Guidelines.

The Project was proposed to initially construct a two-lane facility with right-of-way clearance for future widening to a five-lane facility, (four thru-lanes with dedicated left-turn lanes) on a new alignment between LA 3 (Benton Road), the western terminus, and Winfield Road at Bellevue Road. The proposed project will improve area-wide vehicular mobility and safety by providing an additional east-west roadway within the central portion of Bossier Parish. The proposed roadway would be approximately eight (8) miles in length through Bossier Parish. We understand that the current scope now calls for a two (2) lane section with right-of-way clearance sufficient for future widening to a four (4) lane divided highway with turn lanes where needed. This project has five bridges to be designed.

Volkert provides a depth of staff including Surveying, Road Design, Bridge Design, Traffic Analysis, Real Estate Acquisition and Environmental staff available to work on this project as needed. We have local staff in Northern Louisiana. With our limited design backlog, we feel that this project would be a perfect fit for our staff. We also have a very good working relationship with th Parish. Their familiarity with Volkert creates a unique working relationship which we believe will provide comfort to them during this process.

Project Scope of Work | WHAT WE DO

Project Kick Off Meeting: The Volkert Team will propose a Kickoff Meeting with DOTD and stakeholders as the first order of business once a NTP is issued. The goal will be to ensure that all project design criteria and features are understood and agreed to by all. It is understood that some items may have changed from the environmental document, such as typical sections and alignment. Agenda items will include discussions of any additional traffic data or analysis needed, pavement design preferences or alternatives, future build out considerations and other additional items deemed necessary by any of the parties in attendance. Our staff has already been to the project site.

Design Criteria submittal: The Volkert team will submit all design criteria for approval, including but not limited to roadway, bridge, and hydraulics.

This project will follow the standard DOTD plan development guidelines as presented in the Road Design Manual. All plans will be developed utilizing the current DOTD electronic standards for plans and will be in MicroStation and InRoads format and have CAD Conform seals and be accompanied by a Control Cad report. Preliminary Roadway Design We anticipate beginning Preliminary Roadway design to verify initial line and grade and typical sections. Typical Sections will be developed for both the proposed and the future.

Hydrologic and Hydraulic Studies: Drainage studies are a commitment in the EA/FONSI. Our local knowledge will aid in defining the detailed drainage information which will be requested to be picked up in the survey. We will reach out to Louisiana Water Initiative to evaluate if any data gathered to date is useful for this evaluation. Local Volkert staff will be performing the Roadway Design and Survey services which will enable constant communication. Bridge hydraulic data will be developed at this point along with each bridge scour analysis. We expect that this portion will be completed when geotechnical information is received.

Preliminary Bridge Design: There are currently five (5) bridges on this project. They are presented as slab spans; however, one is longer and maybe evaluated for a bulb tee type span arrangement. We also are not sure if any will need to be skewed to the roadway.. If deemed feasible this will be communicated to Terracon so bridge borings and CPT soundings may be taken to ensure maximization of Resistance Factors in the LRFD design. We do not anticipate the use of drill shafts on this project. Preliminary plans will include type size and location with appropriate information.

Traffic Data/Traffic Engineering (if needed) The Volkert team will begin gathering traffic data which might be required to model the intermittent left turn lanes and queuing distances. Our in-house PTOE's have met all training requirements of the DOTD traffic Section (certifications included in Section 20).

Surveying Services: NTB Associates, Inc. (NTBA) NTBA will provide surveying on the project. Their staff completed survey work for the initial route survey and preliminary design. NTBA has a strong commitment to quality service and client satisfaction as demonstrated in all our current and previous projects, several of which have been with the Bossier Parish Police Jury (BPPJ). Once selected, we will coordinate with the prime consultants' personnel immediately upon receiving the project award to schedule the Project Kick-off meeting to discuss timelines associated with the project, any route considerations already explored, and/or any necessary revisions. NTBA performed control, topographic, and property surveys as well as located all utilities, developed a drainage map, and produced preliminary right-of-way maps for the Winfield Road Extension, East/West (LA 3 to Airline Drive) for the BPPJ in 2016 & 2017 which is Phase 1 of this project allowing us to start the project with previous knowledge of the first portion of the project. NTBA will be able to begin field work on the project immediately upon Notice to Proceed.

Geotechnical Investigation and Design Services: Terracon, a subconsultant to Volkert, will provide all geotechnical investigation and design as needed for the project. Bridge borings and scour information will be coordinated during the preliminary stage and boring location will be information will be picked up by the survey crew and shown in the topographic survey. Volkert's structural engineers will be in communication with the Terracon staff to coordinate any additional design criteria which may require geotechnical information. Terracon will develop and submit for approval a Geotechnical Investigation Plan, a Geotechnical Data

Report, and a Geotechnical Interpretation Report. All reports will be reviewed by the Volkert team prior to submittal to the DOTD.

Environmental Services (if needed): We will work with the DOTD environmental section to determine if an updated EA/FONSI is needed. In addition, Volkert can either work with the DOTD environmental staff or provide the following which are commitments/permits/mitigations currently required in the EA/FONSI:

- ✓ Relocation Mitigation (if needed).
- ✓ Access will be maintained to properties and all residences and businesses adjacent to the Project. (if needed).
- ✓ A qualified petroleum engineer, (if needed) will conduct a feasibility study for each impacted oil or gas well, located within the acquired right-of-way, to determine the estimated reserves.
- ✓ Wetland Mitigation – Per 404 permit requirements.
- ✓ Section 401 Water Quality Certification.
- ✓ Levee Crossing Permit, Bossier Levee District.
- ✓ Section 402 NPDES / LPDES including Stormwater Pollution Prevention Plan (SWPPP), covered by DOTD construction documents.
- ✓ Section 404 Permit.
- ✓ Detailed hydrologic and hydraulic studies would be performed during final design, and drainage structures sized, and additional floodwater storage created to ensure there no adverse floodplain and floodway impacts. Hydraulic design and construction practices would be in accordance with current DOTD and FHWA design policies and standards as well as Bossier Parish Flood Ordinances. The Bossier Parish Police Jury (BPPJ) will ensure that development permits meeting all Federal, State, and local regulations are issued prior to construction. This will be covered in the Preliminary Roadway design phase.
- ✓ Minimization of traffic delays due to construction will be achieved through the development of signing plans to inform the public of work zones, road closures, detours, and other temporary changes.

- ✓ Minimization of temporary construction impacts through including erosion control, and dust control which are covered by DOTD standard construction documents.

Plan in Hand Meeting: The Volkert team will meet with all DOTD headquarters and District Staff, and Parish Staff to review the preliminary plans and look at the site. This important step will be attended in person by the Staff knowledgeable to discuss the project and the decisions made to reach the current project configuration. Comments received will be addressed to the satisfaction of all prior to the completion of the Preliminary Plans.

Final Plans: The Volkert team will provide final plans upon the approval of the Preliminary Plan submittal. All tasks will be included such as

- ✓ Final Road and Bridge plans including Calculations.
- ✓ As designed Bridge Ratings.
- ✓ Construction Cost Estimates.
- ✓ Final Road and Bridge Quantities.
- ✓ Any Special Provisions (if required).

Consultant Submittals: The Volkert Team is prepared to provide the following submittals both electronically on project wise and if needed by hard copies to the Parish.

Design Criteria

- ✓ 30%, 60%, 90%, 100% Preliminary Plans
- ✓ 30%, 60%, 95%, 100% Final Plans
- ✓ Special Provisions and NS Pay Items
- ✓ Construction Cost Estimate
- ✓ Design Calculations
- ✓ As-Designed Bridge Rating Reports
- ✓ QC/QA Certification (with all signatures)

DBE Participation:

The Volkert team has selected EJES, Inc. as a DBE for this project. We are currently working with them on two Shreveport projects and on the District 04 IJA Bridges. It is anticipated EJES can provide support to the project team with tasks such as computing the summary of estimated quantities, development of drainage area maps, development of suggest sequence of construction plans, temporary erosion control, geometric details, striping details, cost estimating or QA/QC of roadway plans. The Volkert team should meet or exceed the DBE goals of this project.



Conclusion:

The following preliminary schedule lays out our anticipated work plan as described above. We feel that our knowledge of the client and the area, and the tasks to be performed by our staff, that Bossier Parish knows and is comfortable working with Volkert. This project would be a great fit for Volkert and we look forward to continuing our great relationship with both Bossier Parish and the DOTD.

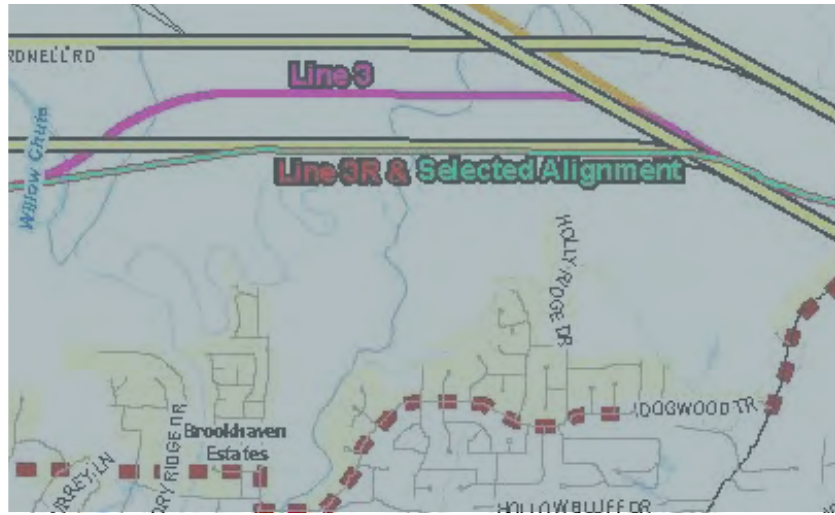
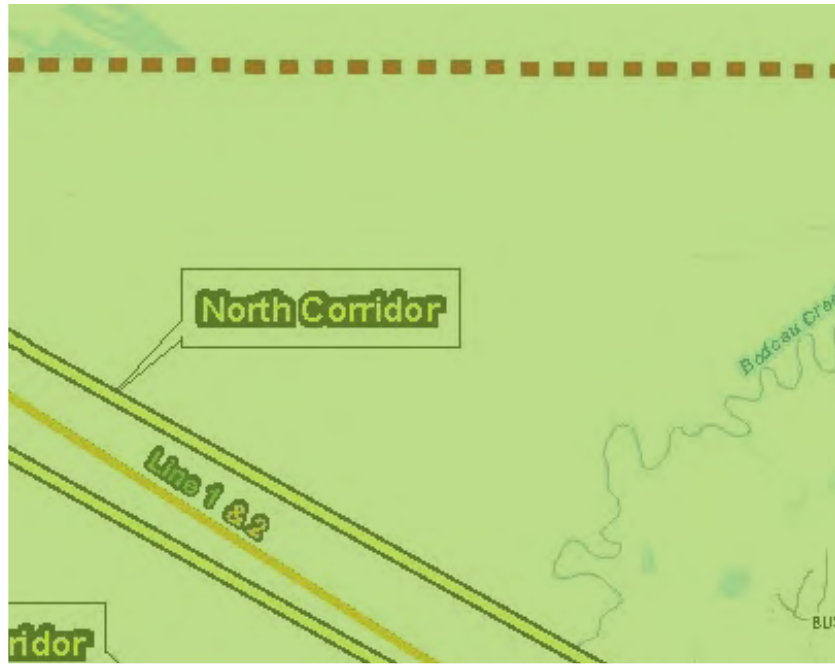
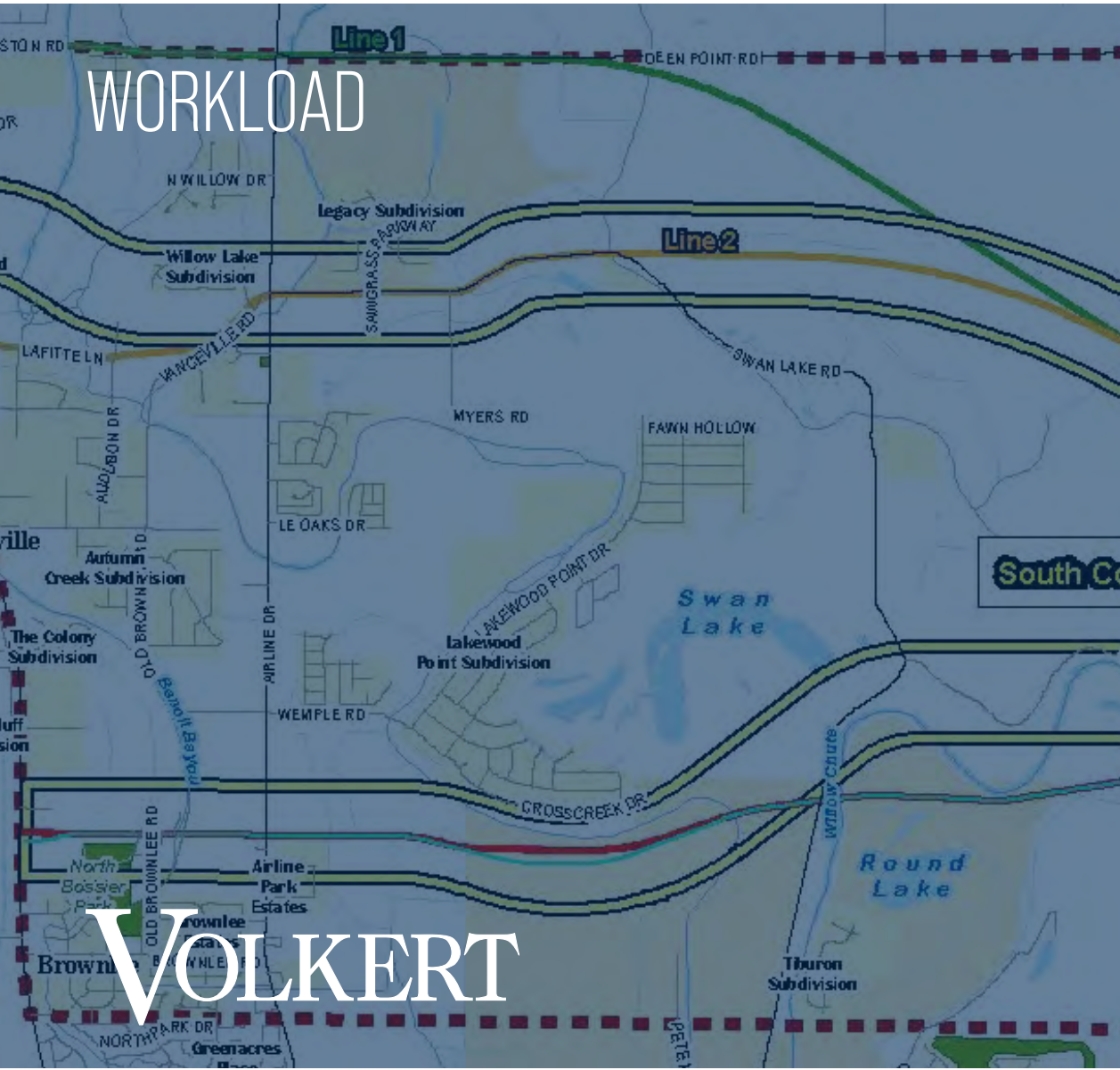
PRELIMINARY WORK SCHEDULE

STATE PROJECT NO. H.003855.5
 F.A.P. NO. H003855
 BOSSIER PARISH

Task Name	Duration	October O	November N	December D	January J	February F	March M	April A	May M	June J	July J	August A	September S	October O	November N	December D	January J	February F	March M	April A
NTP	1 day	█																		
Kick-Off Meeting	1 day	█																		
Design Criteria	3 wks	█																		
Preliminary Roadway Design	4 mons		█	█	█															
Hydrologic and Hydraulic Studies	4 mons		█	█	█	█														
Preliminary Bridge Design	6 mons		█	█	█	█	█													
Traffic Data/Traffic Engineering	4 mons		█	█	█	█														
Topographic Survey	3 mons					█	█	█												
Title Work	2 mons								█	█										
Property Survey	3 mons							█	█	█										
R/W maps	2 mons										█	█								
Geotechnical Investigation and Design Service	6 mons											█	█	█	█	█				
Environmental Services	7 mons														█	█	█	█	█	█
Plan in Hand	1 mon																			█
Preliminary Plan Completion	1 day																			█

SECTION 19

WORKLOAD



19. Workload:

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

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

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

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
Volkert, Inc.	Road	Contract No.44-5267 S.P. No. H.003074 & H.009087	Route I-10: Williams Blvd. to Veterans Blvd. & Loyola Drive to Williams Blvd. – Sub-consultant, Jefferson Parish, LA	\$1,736.00
Volkert, Inc.	Road	Contract No. 44-5142 S.P. No. H.001309.5	MacArthur Blvd. Phase II Final Plans – Sub-Consultant, Jefferson Parish, LA	\$77,678.00 (Project on Hold)
Volkert, Inc.	Bridge	Contract No. 44-4726 S.P. No. H.004113	I-12 to Bush LA 3241 (LA 435 to LA 40 / LA 41), - Sub Consultant, St. Tammany Parish, LA	\$41,796.00
Volkert, Inc.	Bridge	Contract No.44-8113 S.P. No. H.011152.5	I-12 Widening (US 190 to LA 59) Route I-12 – Sub Consultant, St. Tammany Parish, LA	\$20,052.00
Volkert, Inc.	Bridge	Contract No. 44-25024 S. P. No. H. Varies	IJA Off-System Bridge Program District 04	\$2,000,000.00
Volkert, Inc.	Traffic	Contract No. 44-4787 S.P. No. H.009250	IMR I-10 Highland Road to LA 73, East Baton Rouge and Ascension Parishes, LA	\$1,215,644.30
Volkert, Inc.	Survey	Contract No. 44-17068	Louisiana Watershed Initiative (LWI) Modeling Contract Region 3, Sub Consultant, Task Order 2 and Task Order 3	\$139,109.00
Volkert, Inc.	Survey	Contract No. 44-17069	IDIQ Contract for Louisiana Watershed Initiative (LWI) Modeling Contract Region 2, Sub Consultant, Task Order 2 and 3	\$213,815.00
Volkert, Inc.	Survey	Contract No. 44-17764 S.P. No. H.013284	IDIQ Contract for Engineering and Inspection Services of State Regulated Dams with Majority of Work in Districts 04,05,08 and 58, Statewide, Task Order 4 (Task Orders 5 & 6 are all subconsultant work)	\$93,545.00

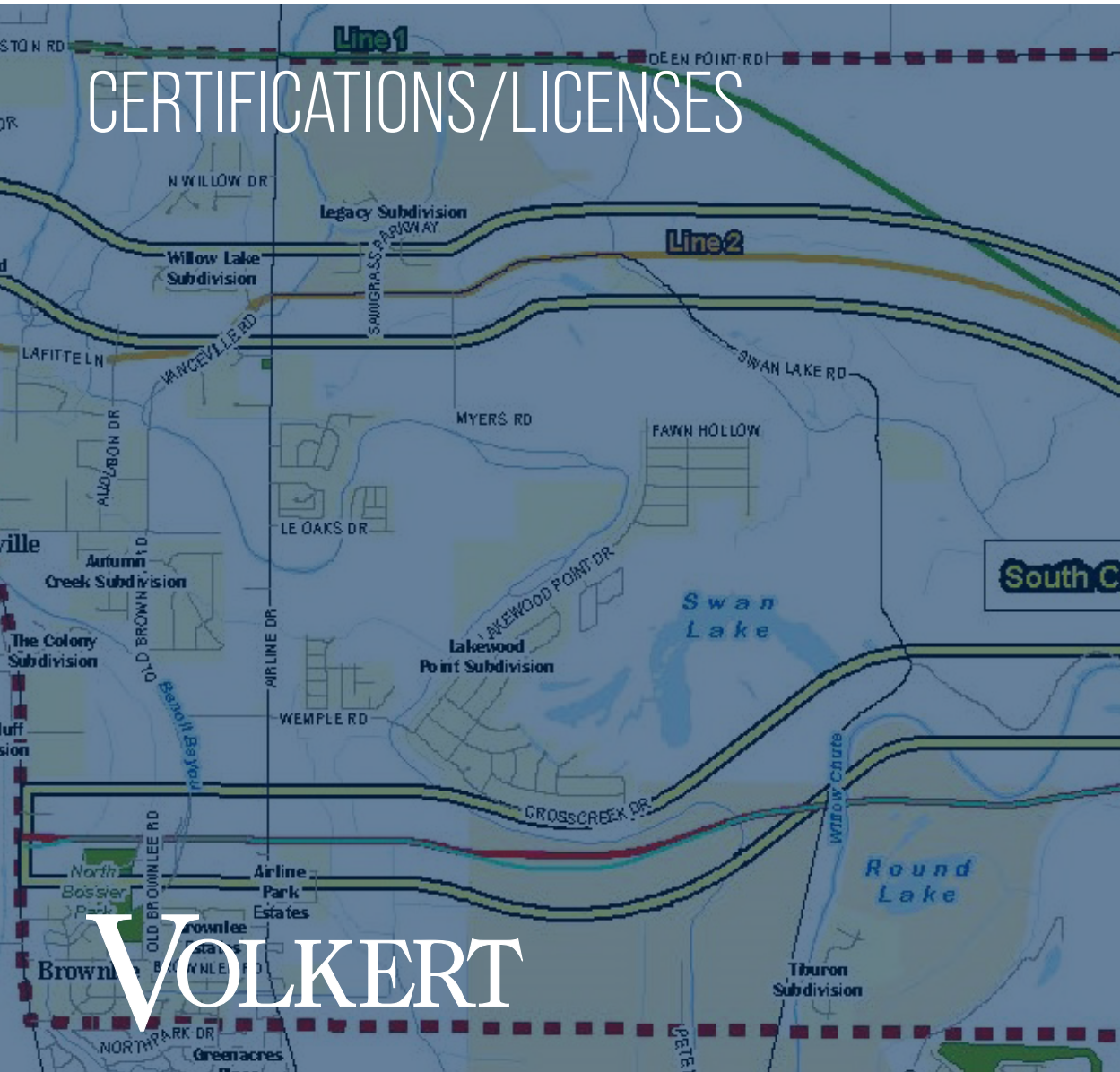
Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
Volkert, Inc.	Survey	Contact No. 44-19871	IDIQ Contract for Design of Safety Projects, Statewide with Majority of Work I Districts 04,05, and 58.Sub-Consultant	No Open Task Orders
Volkert, Inc.	Other - Procurement Services	Contract No. 44-17328, S.P. No. H.015372	IDIQ Contract for Innovative Procurement Support Services, Statewide - Task 2 (Future I-49) US 167 Interchange @ Wilow Street Procurement Services	No Open Task Orders
Volkert, Inc.	CEGI/OV	Contract No. 44-16173 S.P. No. H.003370	I-220/I-20 Interchange Improvements & Barksdale AFB Access, Bossier Parish, LA	\$388,970.00
Volkert, Inc.	CEGI/OV	H.004791	LA 23: Belle Chasse Bridge and Tunnel Replacement (HBI) Plaquemines Parish, LA	\$5,552,951.00
Volkert, Inc.	CEGI/OV	Contract No. 44-16980 H.013897	College Drive Flyover Ramp. I-10/I-12 West & East Baton Rouge Parish, LA	\$523,625.00
Volkert, Inc.	CEGI/OV	Contract No. 44-21740 H.004100.6	Phase I W. of Washington Street to Essen Lane (CEGI) Phase I Segment 01. W. of Washington Street to Acadian Thruway, Route I-18. East & West Baton Rouge Parishes, LA	\$8,068,216.00
Volkert, Inc.	CEGI/OV	H.001234.6	LA 1 Port Allen Canal Bridge Replacement (Phase 1) (HBI), West Baton Rouge Parish, LA. - Sub Consultant	\$458,917.00
Volkert, Inc.	CEGI/OV	Contract No. 44-17088 H.007811.6, H.000710.6, H.002273.6, and H.001352.6	Comite Diversion Canal CEGI and Utility Relocation, Routes US 61, LA 964, LA 19, and LA 67, East Baton Rouge Parish, LA - Sub Consultant	\$414,475.00
Volkert, Inc.	CEGI/OV	Contract No. 44-19950, H.003003.6-2	Retainer Contract 44-19950 IDIQ Contract for Construction Engineering and Inspection Services (CEGI) Statewide with Majority in District 03 Acadia, Lafayette, Evangeline, Iberia, St. Landry, St. Mart, St. Mary, and Vermilion Parishes - Subconsultant	\$38,584.00
Volkert, Inc.	CEGI/OV	Contract No. 44-19950, H.002151.6	Retainer Contract 44-19950 IDIQ Contract for Construction Engineering and Inspection Services (CEGI) Statewide with Majority in District 03 Acadia, Lafayette, Evangeline, Iberia, St. Landry, St. Mart, St. Mary, and Vermilion Parishes - Task Order 2 - Bayou Parc Perdue and Creek Bridges, Lafayette Parish - Subconsultant	\$459,466.00
Volkert, Inc.	CEGI/OV	Contract No. 44-19950 H.002868.6	Retainer Contract 44-19950 IDIQ Contract for Construction Engineering and Inspection Services (CEGI) Statewide with Majority in District 03 Acadia, Lafayette, Evangeline, Iberia, St. Landry, St. Mart, St. Mary, and Vermilion Parishes - Task Order 4 - I-49 S Ambassador Caffery/US 90 Interchange, Lafayette Parish - Subconsultant	\$180,804.00
Volkert, Inc.	CEGI/OV	Contract No. 44-21680, H.008145.6	LA 1: Leeville to Golden Meadow, Phase 2 (CEGI) - Subconsultant	\$7,226,226.00

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
Volkert, Inc.	CEGI/OV	Contract No. 44-23897, H.011965.6	LA 47: IWGO Bridge Replacement (HBI) (CEGI), Orleans Parish -Subconsultant	\$340,000.00
Volkert, Inc.	CEGI/OV	H.009498.6	Retainer Contract 44-26334 IDIQ Contract for Precast Prestress Concrete Fabrication Inspection, Task Order 1 LA 121 Calcasieu River Bridge Fabrication, Rapides Parish	\$20,495.00
Terracon Consultants, Inc.	Geotechnical	H.003931.5-2	I-10: Calcasieu River Bridge Additional Borings	\$262,823
Terracon Consultants, Inc.	Geotechnical	H.972249	I-49 Frontage Road Bridges PDA Testing	\$216,959
Terracon Consultants, Inc.	Geotechnical	H.012033	Cross Bayou and Caney Bayou	\$20,420
Terracon Consultants, Inc.	Geotechnical	H. 002794.5	LA 308 - Canal Bridges Near Larose	\$676
Terracon Consultants, Inc.	Geotechnical	H.012569	Little Sugar Creek Bridge	\$5,419
Terracon Consultants, Inc.	Geotechnical	H.000385.5	US190: LA415 & RR Overpass	\$213,763
Terracon Consultants, Inc.	Geotechnical	H.005121	LA-1 and LA-415 Connector	\$227,265
Terracon Consultants, Inc.	Environmental	H.004273.5	Lafayette Urban Section (I-49 Lafayette Connector) Phase II ESA, Lafayette Parish	\$8,473
Terracon Consultants, Inc.	Geotechnical	H.005967	Nelson Road Extension and Bridge	\$52,533
Terracon Consultants, Inc.	Geotechnical	H.011670	Loyola Interchange Design-Build	\$187,093
EJES, Inc.	N/A	N/A	N/A	N/A

Firm(s)	Past Performance Evaluation Discipline(s) *	State project number	Project name	Remaining Unpaid Balance**
NTB Associates, Inc.	Survey	4400019338 Multiple SP Nos. per bridge	Contract for Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (Sub to Sigma)	0
NTB Associates, Inc.	Right-of-Way	4400019338 Multiple SP Nos. per bridge	Contract for Rural Bridge Replacement Initiative Phase II, Districts 05, 08, & 58 (Sub to Sigma)	\$109,864
NTB Associates, Inc.	Survey	4400019337 Multiple SP Nos. per bridge	Contract for Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (Sub to BKI)	0
NTB Associates, Inc.	Right-of-Way	4400019337 Multiple SP Nos. per bridge	Contract for Rural Bridge Replacement Initiative Phase II, Districts 02, 03, 07, 61, & 62 (Sub to BKI)	\$114,652
NTB Associates, Inc.	Survey	4400017067 LWI Task Order 3	Louisiana Watershed Initiative (LWI) Modeling Contract – Region 1 (Sub to Atkins)	\$40,440
NTB Associates, Inc.	Survey	4400019715/H.008768.5	IDIQ Contract for Hydrographic Surveying Services – Task Order No. 8 – Summer Bridges	\$19,799
NTB Associates, Inc.	Survey	4400019715/H.008768.5	IDIQ Contract for Hydrographic Surveying Services – Task Order No. 9 – Fall Bridges	\$154,000
NTB Associates, Inc.	Survey	4400026587/H.001779	Jimmie Davis Bridge (LA 511) (HBI) Design Build Project, Bossier Parish (Sub to James Construction/ Huvall & Associates, Inc.)	\$156,900
NTB Associates, Inc.	Other (SUE)	4400026587/H.001779	Jimmie Davis Bridge (LA 511) (HBI) Design Build Project, Bossier Parish (Sub to James Construction/ Huvall & Associates, Inc.)	\$253,750
NTB Associates, Inc.	Right-of-Way	4400026587H.001779	Jimmie Davis Bridge (LA 511) (HBI) Design Build Project, Bossier Parish (Sub to James Construction/ Huvall & Associates, Inc.)	\$62,100

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.

See attached.

Janet Evans, PE, MBA



LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Ms. Janet Leigh Evans

License/Certificate Type - Number	Expiration Date
PE.0021307	09/30/2024
Status: Active	



This is to affirm that

JANET EVANS

has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date	6/26/2023	Instructor Name	Debbie Purcella
Exp. Date	6/26/2027	Instructor Signature	<i>Debbie Purcella</i>
State Issued	LA		

V0000215338
Verify at Flagger.com



LOUISIANA ASSOCIATED GENERAL CONTRACTORS, INC.
666 North Street – Baton Rouge, LA 70802
Phone: 225/344-0432 * Fax: 225/344-0458
www.lagc.org

June 17, 2023

To Whom It May Concern,

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

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

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


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

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

Best Regards,

Ken Naquin – LAGC Chief Executive Officer

Randy Denmon, PE, PLS



LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Randy Alan Denmon

License/Certificate Type - Number Expiration Date
PE.0029390 **03/31/2025**

Status: **Active**



LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Randy Alan Denmon

License/Certificate Type - Number Expiration Date
PLS.0004798 **03/31/2025**

Status: **Active**



ATSSA American Traffic Safety
Services Association
SAFER. ROADS. SAVE LIVES.

This is to affirm that

RANDY DENMON
has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 4/8/2022 Debbie Purcella
Instructor Name

Exp. Date 4/8/2026

State Issued LA Debbie Purcella
Instructor Signature

V0000047216 Verify at Flagger.com

CERTIFICATE IS AWARDED TO

RANDY DENMON

Has successfully completed a flagger training course meeting the
requirement of the

**LOUISIANA DEPARTMENT OF TRANSPORTATION
& DEVELOPMENT**

on the following date
APR 08, 2022

Valid for 4 years from completion date.
Expires **APR 08, 2026**

This temporary/backup certificate is valid with a government issued photo ID.
Verify this certificate against the information online use the code below to view or print duplicate
certificates

123-57-73837

Enter the code to verify this certificate is an original at
<https://process.onlineflagger.com/duplicate>

Ashley Beckendorf, PE



LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)

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

Ms. Ashley Nicole Beckendorf

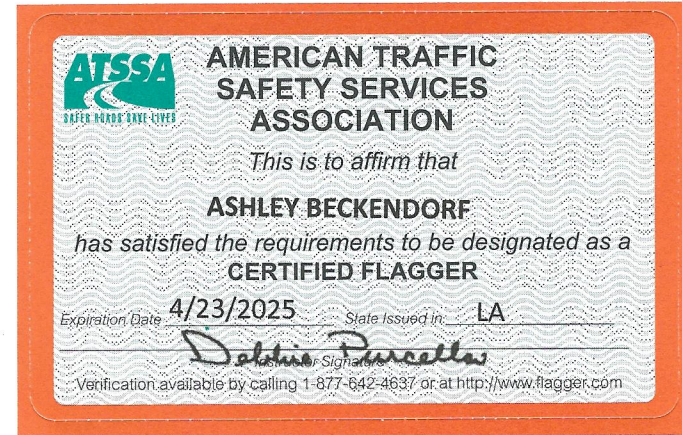
License/Certificate Type - Number

PE.0037334

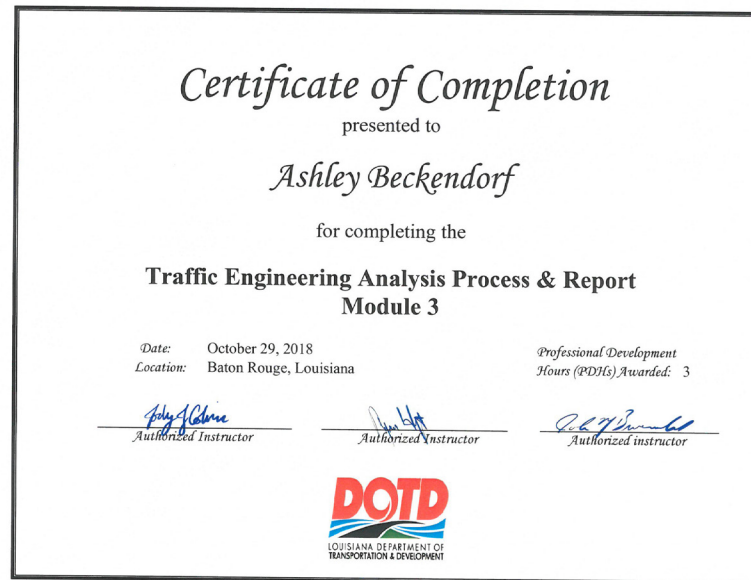
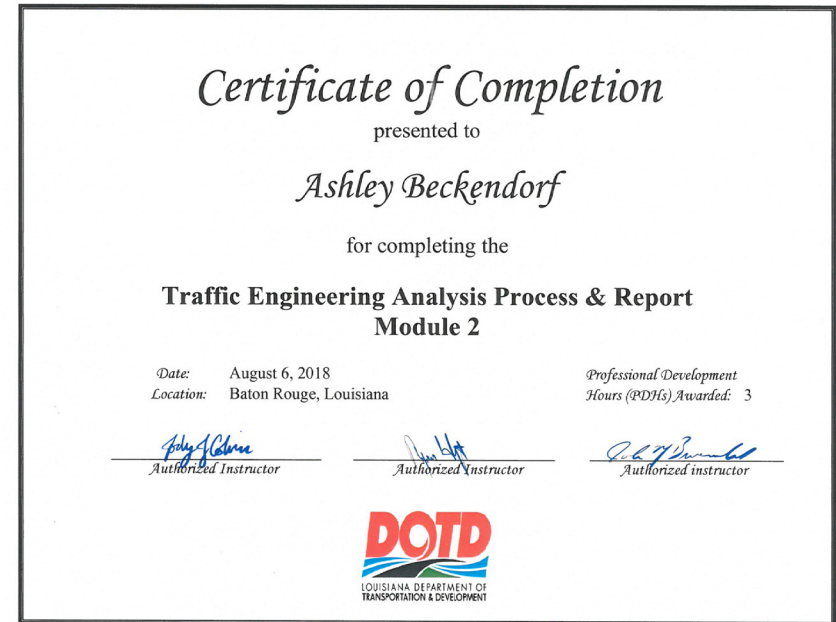
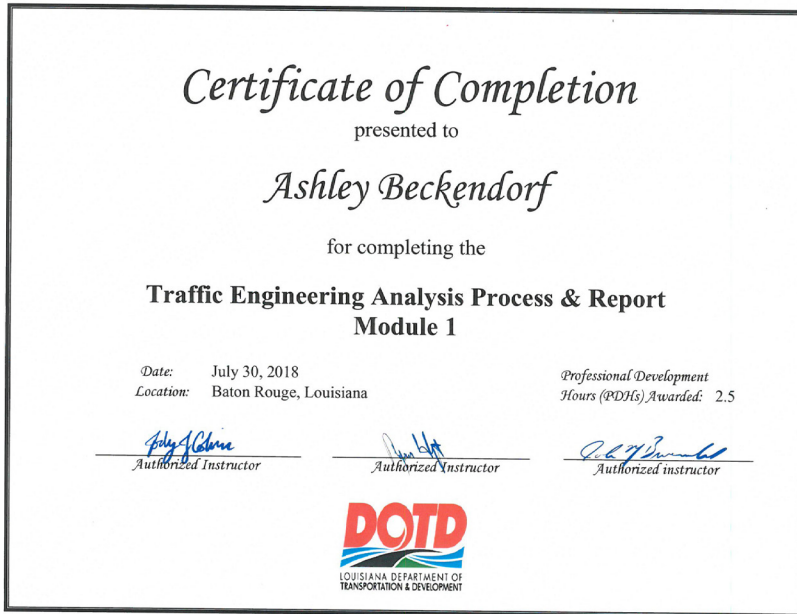
Expiration Date

03/31/2025


Status: **Active**



Ashley Beckendorf, PE



Ryan Ordeneaux, PE

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com
Mr. Ryan Paul Ordeneaux	
License/Certificate Type - Number	Expiration Date
PE.0039476	09/30/2023
Status:	Active

Certificate of Training

this certifies that

Ryan Ordeneaux

*has successfully completed the training
program requirements for*

National Flagger Certification Training Course

Awarded on this **8th** day of **August 2023**

This certificate is valid for 30 days from the date awarded.



Jonathan Gambino, PE, PTOE, RSP1



Jonathan Gambino, PE, PTOE, RSP1

Transportation Professional Certification Board, Inc.

certifies that

Jonathan Michael Gambino

*has met all of the requirements established by the Certification Board
to use the title of*

Professional Traffic Operations Engineer

*unless withdrawn by the Certification Board and subject to the provisions for renewal.
Certificate number 4433 issued in Washington, DC, USA*

3/18/18


Michael H. Park
Chair




Jeffrey F. Panati
Executive Director

Transportation Professional Certification Board, Inc.

certifies that

Jonathan M. Gambino

*has met all of the requirements established by the Certification Board
to use the title of*

Road Safety Professional

*unless withdrawn by the Certification Board and subject to the provisions for renewal.
Certificate number 587 issued in Washington, DC, USA*

4/5/2021


Deborah Snyder
Chair




Jeffrey F. Panati
Executive Director

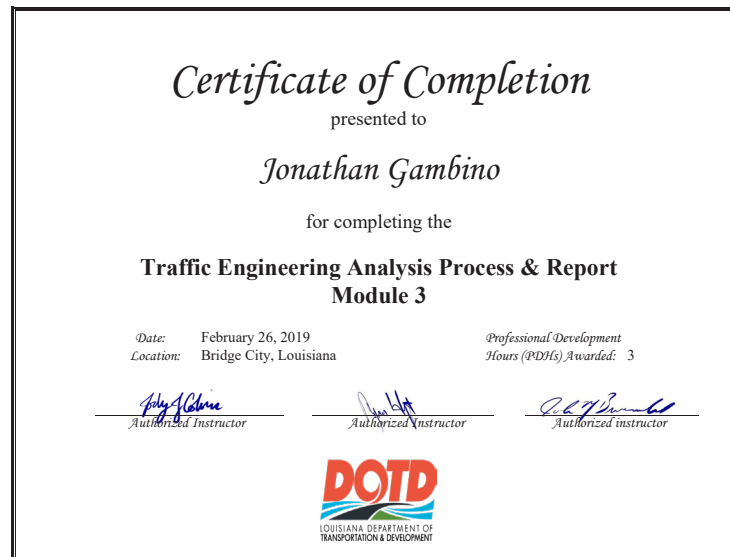
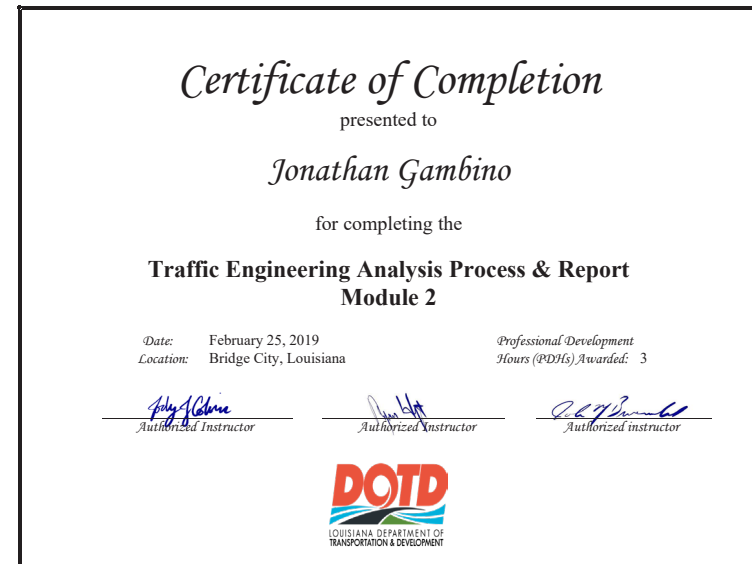
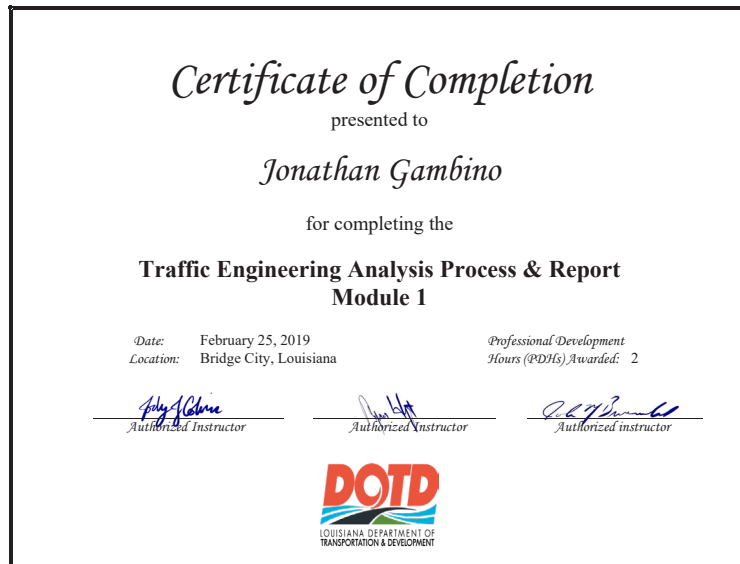
Mr. Jonathan M. Gambino, P.E., RSP1PTOEMPRIT

**Traffic Engineer
Volkert**


**Business Address (Preferred Mailing Address)
4141 Bienville St
Suite 102
New Orleans LA 70119
USA**

T: (504) 488-8002 F:

Jonathan Gambino, PE, PTOE, RSP1



Alyssa Bienes, PE



**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LPELS)**
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Ms. Alyssa Maria Bienes

License/Certificate Type - Number Expiration Date
PE.0045767 **03/31/2024**

Status: **Active**




**American Traffic Safety
Services Association**

This is to affirm that

ALYSSA BIENES
has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Issue Date 3/25/2022 Instructor Name Debbie Purcella
Exp. Date 3/25/2026 *Debbie Purcella*
State Issued LA Instructor Signature
V0000046629 Verify at Flagger.com



PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT


Alyssa Bienes
has attended
Traffic Control Technician-LA State Specific
Training Course

5/24/2022 to 5/24/2026
Training Valid Through

New Orleans, LA
Location

Ronja Smith
Director of Training
Alyssa Bienes
President, CEO

ATSSA provides training and certification for neither contractors employees by ATSSA.



PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Alyssa Bienes
has attended
Traffic Control Supervisor-LA State Specific
Training Course

5/25/2022 to 5/25/2026
Training Valid Through

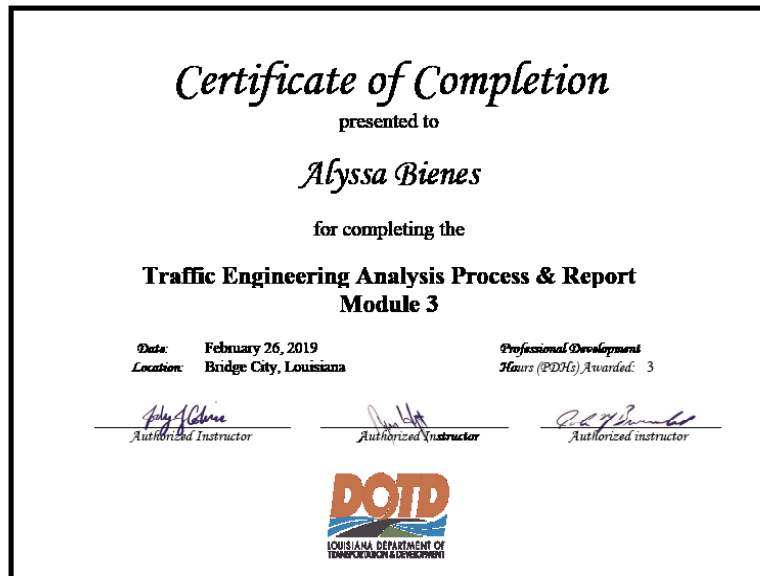
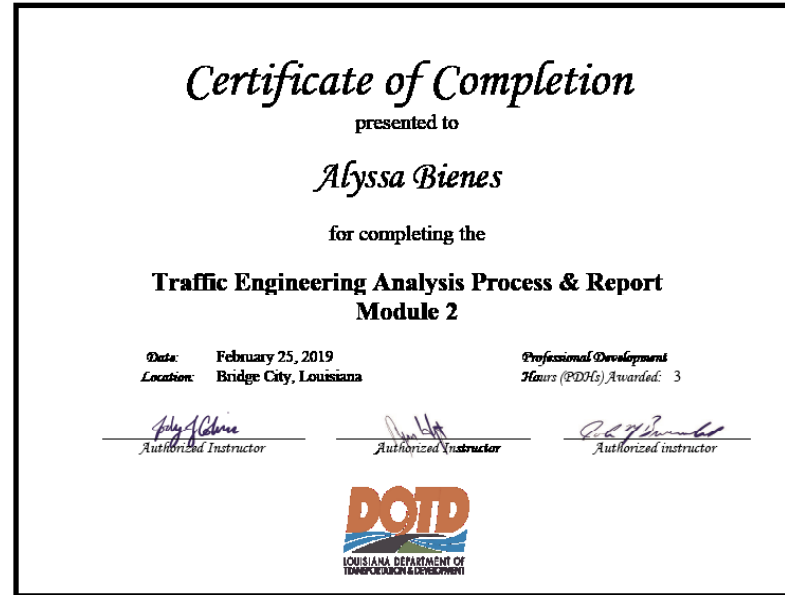
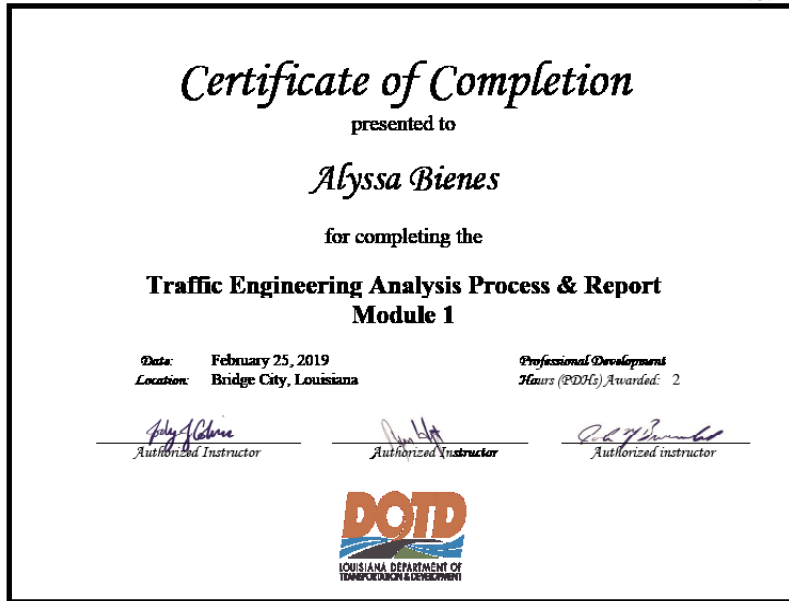
New Orleans, LA
Location

Ronja Smith
Director of Training
Alyssa Bienes
President, CEO

ATSSA provides training and certification for neither contractors employees by ATSSA.



Alyssa Bienes, PE, PTOE



Mrs. Alyssa Maria Bienes, P.E., PTOE

Congratulations! It is my pleasure to inform you that you have passed the written examination and are now certified as a Professional Traffic Operations Engineer®. As a PTOE you will be recognized as one of a specialized group of professionals with the set of skills and expertise needed to successfully solve problems, create solutions, and better communities.

Important Notes

You will receive a letter with your specific exam details within the next few weeks.

Your certificate will be mailed to you within 10 weeks, but while you are waiting, you should note that your certificate number is 5,497. Should you wish your name to appear on your certificate any differently from how it appears below, please reach out to me immediately at certification@tpcb.org

Mrs. Alyssa Maria Bienes, P.E., PTOE

One final requirement before using the (recipient description) and/or the initials PTOE in the conduct of your professional practice is that there be no balance on your account. You can view this by pulling up your TPCB profile. If you have a balance, please contact certification@tpcb.org to make final payment.


Renewal of Your Certification

Your initial certification fee covers a three-year period and will expire 7/26/2026. At the end of the three-year period, your certification may be renewed without examination if you demonstrate that you have met the continuing education requirements and have the proper number of professional development hours (PDHs) or certification maintenance credits (CMs). The specific components of the required continuing education will be included in the letter with your exam details as well as information about how to keep track of your PDHs/CMs so that when it comes time to renew, it is a relatively simple process. A link to PDH/CM requirements is provided [here](#).

There are two ways you can track your PDHs/CMs:

ITE Record Keeping System: If you are a member of ITE, you have access to the free record-keeping system which can be found [here](#). Certificants who are not members of ITE can choose to subscribe to the ITE Record Keeping System for a \$75 3-year subscription fee. [Professional Development Record Keeping System - Institute of Transportation Engineers \(ite.org\)](#)

Hossein Ghara, PE, MBA



**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)**

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

Mr. Hossein Ghara

License/Certificate Type - Number	Expiration Date
PE.0018899	03/31/2025
Status: Active	



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Hossein Ghara
has attended
Traffic Control Supervisor-LA State Specific
Training Course

<p style="font-size: 0.8em;">4/5/2023 to 4/5/2027 Training Valid Through</p> <p style="font-size: 0.8em;">Baton Rouge, LA Location</p>	<p style="font-size: 0.8em;">Vice President of Education and Technical Services</p> <p style="font-size: 0.8em;">President, CEO</p>
--	---

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





National Highway Institute
Certificate of Training



Hossien Ghara

has participated in

**FHWA-NHI-142005 NEPA and the Transportation
Decisionmaking Process**

hosted by

Alabama Department of Transportation

Date: August 27-29, 2019
Location: Montgomery, AL

Hours of Instruction: 18

Carl A. Stupp
Instructor
David Schilling
Instructor

Michael Davis
Local Coordinator
Michael Davis
Michael Davis, Director
National Highway Institute



PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT


Hossein Ghara
has attended
Traffic Control Technician-LA State Specific
Training Course

<p style="font-size: 0.8em;">4/4/2023 to 4/4/2027 Training Valid Through</p> <p style="font-size: 0.8em;">Baton Rouge, LA Location</p>	<p style="font-size: 0.8em;">Vice President of Education and Technical Services</p> <p style="font-size: 0.8em;">President, CEO</p>
--	---

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



Jacob Parker, PE

	LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9643 Brookline Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-6291 www.lapels.com
Mr. Jacob Andrew Parker	
License/Certificate Type - Number	Expiration Date
PE.0030596	09/30/2023
Status: Active	

Steven Armstrong, PE

 LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Steven Blake Armstrong

License/Certificate Type - Number	Expiration Date
PE.0044405	09/30/2024
Status: Active	

The American Traffic Safety Services Association

Hereby recognizes that

Steven Armstrong
has attended
Traffic Control Supervisor
Training Course

Date: 1/22/2020 to: 1/23/2020

New Orleans, LA
Location



Genicia Whittington
Training & Products Dept. Director

Ryan A. Whitz
President, CEO

Allen Carlisle, PE, CFM

MISSISSIPPI
Board of Licensure for Professional Engineers and Surveyors

Find Licensee
Contact Us

Licensee Details

Name: Allen Everett Carlisle
Address: 409 Eastpointe Cv
Madison MS 39110
County: Madison
Phone: 601-415-7946
Employer: USACE - Vicksburg District

License Type: Professional Engineer
License Number: 25142
Expires on: 12/31/2023

Jason Goffinett, REPA

National Registry of Environmental Professionals

Be it known to all persons that the following individual pursuant to the requirements for education, experience and examination established by the National Registry of Environmental Professionals is entitled to all of the rights and privileges by the body and to be duly registered by it.

This is to certify that
Jason Goffinett
 is a
Registered Environmental Property Assessor

This certificate will remain valid only if it bears the seal of the current year, unless revoked, suspended or invalidated by order of the Board of Directors of the National Registry of Environmental Professionals.



Witness our hand
 This Day 4/15/2007

Richard DeYoung, Ph.D.
 Executive Director

Registration Number: REPA 6309

This certificate is the property of the National Registry of Environmental Professionals and must upon demand be returned.

The Technology Group

This is to certify that

JASON GOFFINET

Has successfully completed the course in

HIGHWAY TRAFFIC NOISE ANALYSIS

SPONSORED BY THE:
 ALABAMA DEPARTMENT OF TRANSPORTATION
 MONTGOMERY, ALABAMA
 JUNE 12 - 16, 2000

Louis F. Cohn
 LOUIS F. COHN
 PH.D., P.E.

Roswell A. Harris
 ROSWELL A. HARRIS
 PH.D., P.E.



UNIVERSITY OF CENTRAL FLORIDA
 DIVISION OF CONTINUING EDUCATION

Hereby Awards This Certificate To
Jason Goffinett

For successful completion of
MODELING OF MOBILE SOURCE AIR QUALITY IMPACTS
 20 contact hours
 May 14-16, 2001
 Montgomery, Alabama

David Cooper
 C. David Cooper, Ph.D., PE, QEP
 Professor of Engineering

Roger L. Wayson
 Dr. Roger L. Wayson, PE
 Associate Professor of Engineering

Certificate of Continuing Education

This is to certify that
Jason Goffinett

has satisfactorily completed 24 hours of training on
FHWA Traffic Noise Model 2.0
conducted by
Bowly & Associates, Inc.
Franklin, Tennessee
November 19-22, 2002

William Bowly
 William Bowly, Ph.D., P.E.
 Bowly & Associates, Inc.

Roger L. Wayson
 Roger L. Wayson, Ph.D., P.E.
 University of Central Florida

Jason Goffinett, REPA

Certificate of Continuing Education

This is to certify that

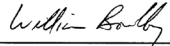
Jason C. Goffinett

has satisfactorily completed

HWA Traffic Noise Model (TNM) 1.0⁶ Training Course

conducted by Bowlby & Associates, Inc.

Brentwood, Tennessee
November 14-19, 1999



William Bowlby, Ph.D., P.E.



Roger V. Wayson, Ph.D., P.E.

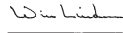


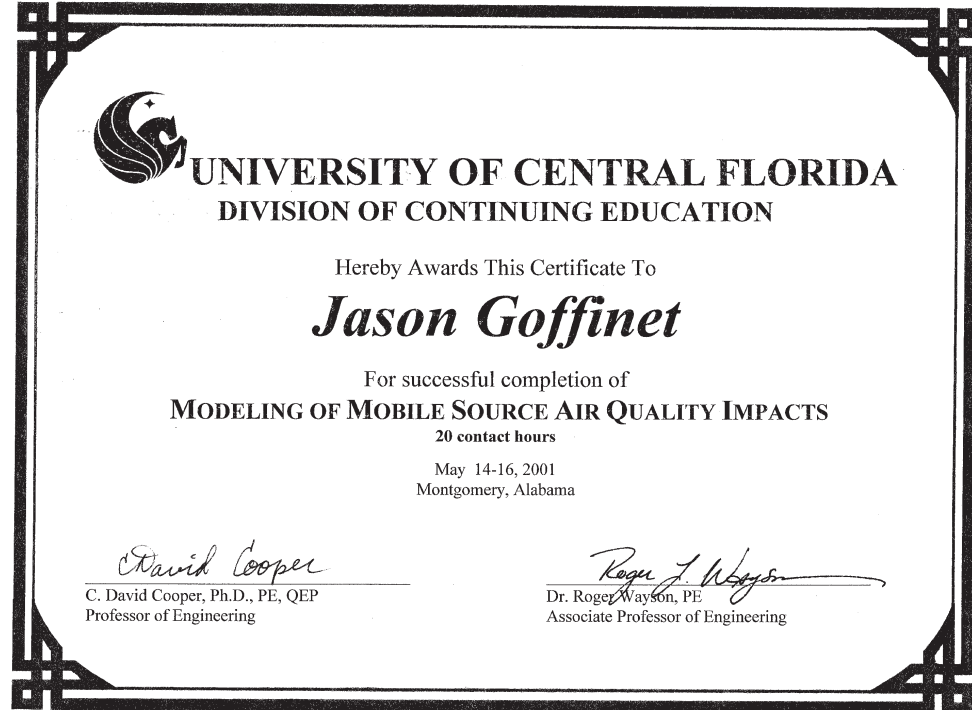
Jason Goffinett, REPA

FLORIDA DEPARTMENT OF TRANSPORTATION
ENVIRONMENTAL MANAGEMENT OFFICE
CERTIFICATE OF COMPLETION




C. L. Irwin, Manager
Environmental Management Office


Win Lindeman
Instructor
Certificate No. 0175
Course No: BT-19-0005



Paige Felts, CPESC



Chris Patrick, PE



Gaston Ibarra, PE



LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Mr. Gaston Alejandro Ibarra

License/Certificate Type - Number Expiration Date
PE.0047844 **09/30/2023**

Status: **Active**



**AMERICAN TRAFFIC
SAFETY SERVICES
ASSOCIATION**

This is to affirm that

GASTON IBARRA
has satisfied the requirements to be designated as a
CERTIFIED FLAGGER

Expiration Date **4/21/2025** State Issued in: **LA**

Debbie Porello
Director of Training

Verification available by calling 1-877-642-4637 or at <http://www.flagger.com>



PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Gaston Ibarra
has attended
Traffic Control Technician-LA State Specific
Training Course

4/6/2021 to 4/6/2025
Training Valid Through

Baton Rouge, LA
Location

Ranga Smith
Director of Training

Alicia Tezakian
President, CEO

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



American Traffic Safety Services Association ATSSA.com



PROOF OF TRAINING
THIS CERTIFICATE HEREBY RECOGNIZES THAT

Gaston Ibarra
has attended
Traffic Control Supervisor-LA State Specific
Training Course

4/7/2021 to 4/8/2025
Training Valid Through

Baton Rouge, LA
Location

Ranga Smith
Director of Training

Alicia Tezakian
President, CEO

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



American Traffic Safety Services Association ATSSA.com

Parker Scheuermann, EI



**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)**

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

Mr. Parker A. Scheuermann

License/Certificate Type - Number	Expiration Date
EI.0034581	03/31/2025
Status: Active	

Certificate of Training

this certifies that

Parker Scheuermann

has successfully completed the training
program requirements for

National Flagger Certification Training Course



Awarded on this 20th day of July 2023

This certificate is valid for 30 days from the date awarded.



PROOF OF TRAINING


THIS CERTIFICATE HEREBY RECOGNIZES THAT

Parker Scheuermann
has attended
Traffic Control Supervisor-LA State Specific
Training Course

<p>8/5/2020 to 8/6/2020 Date</p> <p>Baton Rouge, LA Location</p>	 Vice President of Education and Technical Services  President, CEO
--	--

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

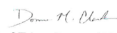






PROOF OF TRAINING

THIS CERTIFICATE HEREBY RECOGNIZES THAT

Parker Scheuermann
has attended
Traffic Control Technician-LA State Specific
Training Course

<p>8/4/2020 to 8/4/2020 Date</p> <p>Baton Rouge, LA Location</p>	 Vice President of Education and Technical Services  President, CEO
--	--

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





LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD
As of 3/16/2022 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Ms. Lynne Elizabeth Roussel
15421 Campanile Court
Baton Rouge, Louisiana 70810

LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9443 Brookhollow Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-4291 www.lapels.com	
Ms. Lynne Elizabeth Roussel	
License/Certificate Type - Number	Expiration Date
PE.0035152	03/31/2024
Status: Active	
Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licenses whose licensees are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).	
LA R.S. 37:685 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.	



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD
As of 2/10/2022 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. Stephen Eugene Greaber
5048 Bridle Path Lane
Greenville, South Carolina 29615

LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9443 Brookhollow Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-4291 www.lapels.com	
Mr. Stephen Eugene Greaber	
License/Certificate Type - Number	Expiration Date
PE.0026107	09/30/2023
Status: Active	
Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licenses whose licensees are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).	
LA R.S. 37:685 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.	



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD
As of 4/18/2022 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Ms. Sarah Finnegan Berman
8910 Magnolia Leaf Avenue
Baton Rouge, Louisiana 70810

LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9443 Brookhollow Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-4291 www.lapels.com	
Ms. Sarah Finnegan Berman	
License/Certificate Type - Number	Expiration Date
PE.0043630	03/31/2024
Status: Active	
Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licenses whose licensees are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).	
LA R.S. 37:685 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.	

Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD
As of 4/20/2022 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. John Michael Voelker
2822 O'Neal Lane, Building B
Baton Rouge, Louisiana 70816

LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9443 Brookhollow Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-4291 www.lapels.com	
Mr. John Michael Voelker	
License/Certificate Type - Number	Expiration Date
PE.0043451	09/30/2023
Status: Active	
Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licenses whose licensees are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).	
LA R.S. 37:685 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.	

Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.



LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD
As of 4/28/2022 the Louisiana Professional Engineering and Land Surveying Board (LAPELS) has the following information on file:

Mr. Ryan Ernest Poindexter
7878 LaSalle Avenue, Apt. 22
Baton Rouge, Louisiana 70806

LOUISIANA PROFESSIONAL ENGINEERING & LAND SURVEYING BOARD (LAPELS) 9443 Brookhollow Avenue, Suite 121 Baton Rouge, LA 70809 Phone (225) 925-4291 www.lapels.com	
Mr. Ryan Ernest Poindexter	
License/Certificate Type - Number	Expiration Date
PE.0046285	03/31/2024
Status: Active	
Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licenses whose licensees are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).	
LA R.S. 37:685 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.	

Print and keep the following information for your record or verification. The pocket card may also be printed on card stock or laminated to keep with you as license/certificate verification.

CERTIFICATE IS AWARDED TO RYAN POINDEXTER	
Has successfully completed a flagger training course meeting the requirements of the	
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT	
on the following date:	
MAY 04, 2022	
Valid for 4 years from completion date.	
Expires MAY 04, 2026	
This flagger training certificate is valid only as a professional board photo ID.	
Verify this certificate against the information on file on the state website or file a prior duplicate certificate.	
123-57-74989	
Return this certificate to the address below or original of	
https://process.online.flagger.com/duplicate	





**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)**
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

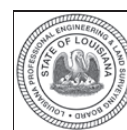
Mrs. Tanita Melann Gilbert-Baker

License/Certificate Type - Number	Expiration Date
PE.0029350	03/31/2025

Status: Active

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.



**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)**
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com

Ms. Shirley DeRose Wilson

License/Certificate Type - Number	Expiration Date
EI.0027786	03/31/2024

Status: Active

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.



**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)**
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com


Mr. Nicholas Anthony LaValla

License/Certificate Type - Number	Expiration Date
EI.0034919	03/31/2024

Status: Active

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.



**LOUISIANA PROFESSIONAL
ENGINEERING & LAND SURVEYING BOARD
(LAPELS)**
9643 Brookline Avenue, Suite 121
Baton Rouge, LA 70809
Phone (225) 925-6291
www.lapels.com


Mr. Edwin Bernard Jones

License/Certificate Type - Number	Expiration Date
PE.0027489	03/31/2024

Status: Active

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

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Mr. Kamal Rasheed

License/Certificate Type - Number	Expiration Date
PE.0038825	09/30/2024

Status: Active

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.



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Mr. Bryan Keith Joseph

License/Certificate Type - Number	Expiration Date
EI.0020836	09/30/2023

Status: Active

Please be advised that your license must be in "Active" status in order for you to (a) provide or offer to provide engineering or land surveying services in Louisiana or (b) use the words "engineer", "engineering", "land surveyor", "land surveying" or any modification or derivative thereof in your name or in connection with your business or activities in Louisiana. Licensees whose licenses are in "Retired", "Inactive", or "Expired" status are prohibited from engaging in the activities described above in items (a) and (b).

LA R. S. 37:689 requires firms practicing or offering to practice engineering or land surveying in the state of Louisiana to be licensed by the Board prior to offering such services.

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

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

Name: Public Address:
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	03/31/2024	Mr. Randy Alan Denmon # PLS.0004798 - Active

Terracon, Inc. Firm License

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

Name: Terracon Consultants, Inc.
Public Address: Ms. Barbara Boerner10841 South Ridgeview Road
Olathe, Kansas 66061

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0002749	Active	12/18/2001	03/31/2024	Mr. Zack Lemual Dial III # PE.0034872 - Active ; Ms. Laura Jean Campa # PE.0040847 - Active

EJES, Inc. Firm License

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

Name: EJES, Incorporated
Public Address: 201 Wilkinson Street
Shreveport, Louisiana 71104

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0002603	Active	10/17/2000	03/31/2025	Mrs. Tanita Melann Gilbert-Baker # PE.0029350

EJES, Inc. MBE Certification

1/11/23, 12:03 PM



UCP Search Results



UCP SEARCH RESULTS

[New Search](#) [Export to Excel](#)

Contractor

Owner
Certifying Agency
Work Type

EJES, Inc.
201 Wilkinson Street
SUITE 700
Shreveport, LA 71104
Edwin B. Jones, Sr.
Department of Transportation and Development
54133D-Engineering Services
C09-Civil Engineering

Business Type
Minority Type
Phone
E-Mail Address
Service Type

License
FAX

Minority Business Enterprise

318-670-7275
ejones@ejesinc.com
ENGINEERING SERVICES

318-670-7284



Louisiana Professional Engineering and Land Surveying Board


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

Name:	Public Address:
NTB Associates, Inc.	Mr. Paul Rossini 525 Louisiana Avenue Shreveport, Louisiana 71101

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
VF.0000451	Active	02/15/2000	09/30/2024	Mr. Paul Brian Rossini # PLS.0004731

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Louisiana Professional Engineering and Land Surveying Board

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

Name:	Public Address:
NTB Associates, Inc.	Mr. Paul Rossini 525 Louisiana Avenue Shreveport, Louisiana 71101

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0002481	Active	02/15/2000	09/30/2024	Ms. Amy Kathleen Schulze # PE.0030295

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Louisiana Professional Engineering and Land Surveying Board


License Information

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

Name:	Address:
Mr. Paul Brian Rossini	525 Louisiana Avenue Shreveport, Louisiana 71101

License/Certificate Information

License	Status	First Issuance Date	Expiration Date	Listed Discipline(s)
PLS.0004731	Active	06/07/1994	09/30/2024	



Louisiana Professional Engineering and Land Surveying Board

License Information

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

Name:	Address:
Mr. Bryan Turner Bunch	1409 Worsham Drive Zachary, Louisiana 70791

License/Certificate Information

License	Status	First Issuance Date	Expiration Date	Listed Discipline(s)
PLS.0005014	Active	12/02/2009	03/31/2024	



Louisiana Professional Engineering and Land Surveying Board

License Information

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

Name:	Address:
Mr. Patrick Carl Staiano	8643 Main Street Zachary, Louisiana 70791

License/Certificate Information

License	Status	First Issuance Date	Expiration Date	Listed Discipline(s)
PLS.0005130	Active	01/28/2015	09/30/2023	

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Louisiana Professional Engineering and Land Surveying Board

License Information

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

Name:	Address:
Mr. Grant Houston Gilleon	125 Pineknoll Point Hot Springs, Arkansas 71913

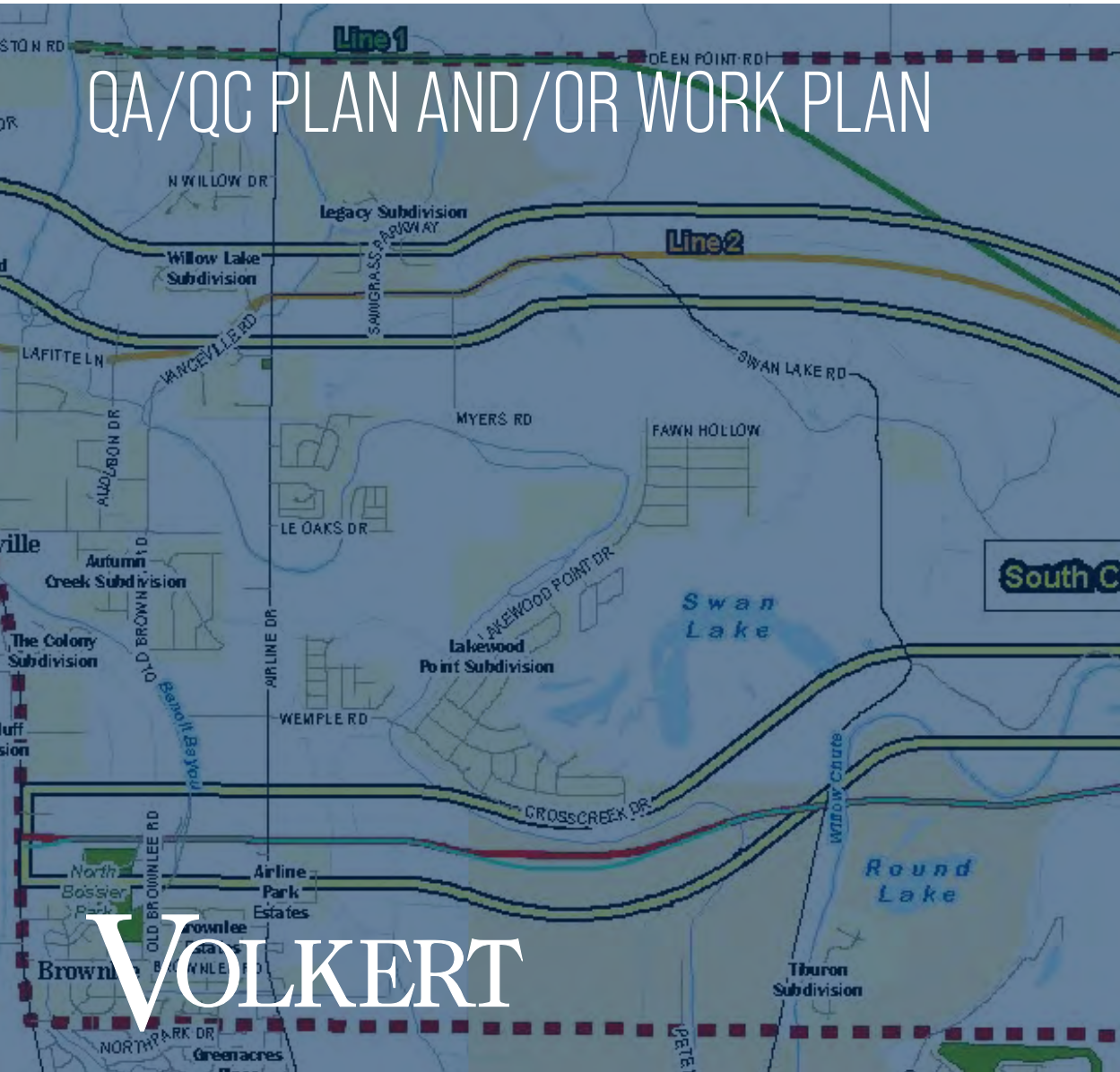
License/Certificate Information

License	Status	First Issuance Date	Expiration Date	Listed Discipline(s)
PLS.0004976	Active	12/05/2007	03/31/2024	

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SECTION 21

QA/QC PLAN AND/OR WORK PLAN



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

If the advertisement requires submission of a QA/QC plan or Work plan, include them here. Otherwise, leave this section blank.

See attached.



LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

QUALITY ASSURANCE / QUALITY CONTROL PLAN

DOCUMENTATION MANUAL FOR PROJECT DELIVERY

ENTITY CONTRACT FOR CONG RELIEF WINFIELD ROAD – BOSSIER PARISH

CONTRACT NO. 4400027600
STATE PROJECT NO. H.003855.5
F.A.P. NO. H003855

Prepared By:

VOLKERT

9448 Brookline Ave,
Baton Rouge, LA 70809
225.218.9440

August 17, 2023

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ENTITY CONTRACT FOR CONG RELIEF WINFIELD ROAD – BOSSIER PARISH

**CONTRACT NO. 4400027600
STATE PROJECT NO. H.003855.5
F.A.P. NO. H003855**

Quality Assurance / Quality Control Plan DOCUMENTATION MANUAL FOR PROJECT DELIVERY

Prepared By:

VOLKERT

9448 Brookline Ave,
Baton Rouge, LA 70809
225.218.9440



August 17, 2023

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Bridge Design QC/QA Plan

A. Understanding of Consultant's and DOTD's Role in OC/QA of Consultant's Work

Volkert's goal for this project is to contribute to a quality set of preliminary bridge construction plans and documents for the Louisiana Department of Transportation and Development (LA DOTD) and when supplemented at the discretion of LA DOTD for preparing the final bridge construction plans and related specifications with descriptions of nonstandard pay items when required.

Volkert is committed to achieving the highest levels of quality through continuous review of internal processes and employee training. To ensure the implementation and maintenance of a controlled quality assurance process, Volkert has established performance measures that can be tracked, evaluated, and improved. The company recognizes that quality assurance is the responsibility of every employee, and thus strives to make quality assurance an integral part of every process. All employees are individually responsible for the quality of their work and for proactively improving their professional skills.

Volkert utilizes a system of quality assurance based on the principles of Deming's Total Quality Management (TQM). The first and most important segment of the quality plan will be the implementation of team-wide quality assurance measures, which are based on the TQM principle, "build quality into the product the first time around". The accomplishment of this portion of the plan will be the responsibility of every member of the project team.

It is understood that Volkert is fully responsible for QC/QA of their work and no other entity is responsible for performing QC/QA of Volkert's work, including LA DOTD. The data being produced for the project including the construction plans, reports, quantity computation, and design documentation will be produced in accordance with current LA DOTD and/or Volkert practices and procedures. Utilizing the processes outlined in the following sections, Volkert intends to build quality into their bridge plans from the beginning to minimize time and effort spent later in construction.

B. Understanding of the QC/QA Concepts in Bridge Design

The primary objective of the processes set forth in this document is to provide a mechanism by which the plans can be subject to a systematic and consistent review. The outcome of the review should create a set of quality project plans which would be substantially error free. A secondary objective is to provide information feedback from reviews to improve expertise and knowledge. Another secondary objective is to provide for a well-documented "trail" of the design process.

The following are the definitions of the QA/QC Process:

Quality Control (QC): The procedures of checking the accuracy of the calculations and consistency of the drawings, detecting and correcting design omissions and errors before the design plans are finalized.

Quality Assurance (QA): The procedures of reviewing the work to ensure the quality controls are in place and effective in preventing mistakes, and consistency in the development of design plans and specifications.

Design documentation procedures will be submitted to LA DOTD, in a Design Documentation Booklet format. The design documentation is stored in a central location, accessible by all project team members. Maintenance of all records and documenting decisions regarding bridges Type, Size, and Location is essential to the quality control process. Design documentation and the organizational structure should be such that someone totally unfamiliar with the project could follow the decision made on the project by reviewing the documentation.

C. Responsibilities of Designers, Checkers, and Engineer of Record

To accomplish effective Quality Control and Quality Assurance, for the five (5) bridge structures specifies in the RFP, there are key personnel responsibilities as described below.

Project Manager (PM): The person responsible for the planning, coordination and controlling of a project from inception to completion, meeting the project's requirements and ensuring that each project is completed on time, within budget, and to required quality standards. The PM is typically responsible for the distribution of review prints at the phase reviews. The PM ensures that all comments have been satisfactorily addressed and that all forms and checklists have been completed by the appropriate personnel.

Engineer of Record (EOR): The individual who is responsible for all aspects of the design and maintains frequent contact and communication with the client. This individual will be licensed professional engineer. The EOR will seal and sign the final contract plans. The EOR directs technical staff and allocates resources to various elements of the work. The EOR establishes and implements the Project Quality Control Plan, schedules the various quality control activities, and adjusts the QA/QC plan as the work progresses. The EOR is responsible for technical review and approval of project documents and identifies the Quality Control personnel required for each review. This project will have a specific EOR for Bridge Design and plan development.

Designer: An individual directly responsible for the development of design calculations, drawings, specifications, and contract documents. The designer will be assigned with a level of technical skills and experience commensurate with the complexity of the work. If not a licensed engineer, the designer should work under the direct supervision of a Professional Engineer. An individual with a Louisiana Professional Civil Engineer License is desired.

Drafter/Detailer: An individual who prepares drawings under the direction of an assigned Designer.

Checker: An individual responsible for performing a full technical review of the design calculations, drawings, specifications, and contract documents. An individual with a Louisiana Professional Civil Engineer License is desired. Checkers may have prepared a portion of the product, but not the portion they are reviewing. Checkers must however be from the area of expertise of the area they are checking. For example, a traffic engineer would not check the bridge plans no matter that he may be a licensed engineer.

Reviewer / Quality Assurance Manager: An engineer or manager with general experience in design whose primary responsibility is to approve the initial Project Quality Control Plan and periodically performs unannounced QA reviews to ensure the plan is being adhered to, and to document deficiencies

and recommend improvements to the Project Manager, Engineer of Record, or the Designers, as appropriate.

Control of Sub-consultants

Sub-consultants will follow this Project Quality Control Plan or submit their own quality control plan for review. Sub-consultants will submit their product to Volkert prior to submittal to the client for review as part of the quality control process. Comments by the checker(s) will be submitted to the sub-consultant for correction as needed.

D. Description of the QC and QA Process and its Effectiveness to Ensure the Accuracy of the Design and the Plan Details

Our Quality Control Review Process and Procedures

A quality set of bridge plans must be complete, consistent, clear, correct, and constructible. The following guidelines should define a quality set of bridge plans:

- The plans will be an accurate and thorough representation of the existing project site and terrain features.
- The plans will be an accurate and thorough representation of the proposed project features and details to be constructed.
- The plans will be supported by a thorough and detailed documented developed process.
- The plans will be developed with the active involvement of all affected parties and developmental stage owners throughout all stages of development.
- The plans will be consistent with other plans developed by and for LA DOTD and will comply with all standards and guidelines set by the LA DOTD design manuals, AASHTO design guidelines and electronic standards.
- The plans comply with project requirements.
- The plans are technically accurate.
- The plans are compatible with other associated project documents such as the Environmental Document
- The plans comply with previous review comments.

There are three principal project elements which are required to be comprehensively checked for any submittal. These elements are Calculations, Drawings, and Reports. Although there is often an overlap among calculations, drawings, and reports, their Quality Control processes are described below.

Calculations

All primary structural components must be calculated and checked in detail, including superstructure, bearings, joints, and substructure components. In a similar fashion, all critical highway design elements and calculations must be documented and checked in detail.

To facilitate Quality Control Reviews, the designer must prepare a Design Criteria Checklist in accordance with the items listed in the Design Criteria Checklist attached to this document. This Design Criteria Checklist supplements the general criteria for quality plans listed in this document.

Manual calculations will be prepared in pencil. Calculations may also include other forms, charts, graphs, data sheets, computer printouts, etc. Calculations will include documentation of all assumptions of the bridge design including general conditions and loadings. Calculations will also include reference to or copies of all criteria, pertinent information, related drawings, etc. All calculations should include an entry at the top right corner of each sheet for the designer to sign and date following completion of the design and checker to sign and date following their review. If the designer revises the design after it has been checked he will erase the signature and date of the checker and resubmit the design for review.

Volkert will utilize LA DOTD approved software where applicable. Prior to using any new spreadsheets or computer software to complete calculations that will be used for design, the calculations produced from the software will be thoroughly checked and compared against manual calculations or previously approved computer generated calculations. Assumptions and criteria must be well-documented in report form.

Utilizing a team approach to design of these bridges allows for all design calculations to be backchecked in a timely manner. The designer will submit the design to a checker as early as reasonable to minimize mistakes. The Checker will review the design according to the requirements of the Design Criteria Report and other requirements. Minimum items to be checked are the logic and methodology of calculations, the assumptions and design criteria, and accuracy and correctness. Review of computer-generated calculations will include a manual spot check for completeness, accuracy, and compliance with standards.

The checker will submit comments to the Designer and Project Manager. Any questionable designs or disputes with the Checker must be resolved by the designer to the Project Manager's satisfaction and documented by a Peer Review Dispute Resolution Agreement. The designer shall prepare a Quality Control Review Memorandum documenting the basis of the review, the specific items that were reviewed, the findings of the review, and the follow-up, if any, that was accomplished.

Due to the conceptual nature of the Preliminary Design phase, detailed independent technical reviews of calculations of some bridge elements do not need to be conducted until Final Design.

Provided that we are supplemented for the final plans, at the completion of the Final contract drawings, provide a set of design calculations for all structural elements, sealed/stamped, and signed by the Engineer of Record for the project in accordance with the requirements of the state. A checklist for the Final Calculations Book is provided as an attachment to this document.

Drawings

The deliverables for this project will include the Preliminary Bridge Plans for LA DOTD approval and if required will progress to the development of the Final Bridge Plans and Construction Support for the construction phase.

To facilitate Quality Control Reviews, the designer will prepare a written Plan Review Checklist at the onset of work. The checklist will be prepared based on the data provided in LA DOTD current *Plans Preparation Manual* and other project requirements to ensure that the sheets contain the required data. This Plan Review Checklist will supplement the general criteria for quality products listed in this document.

Bridge Plans will be prepared by a drafter or detailer under the direction of an assigned Designer. The plans are developed progressively by an iterative process using sources of information such as survey data, reports, record data, preliminary sketches, samples, etc. in conformance with the project requirements, design criteria, and standards and guidelines required by the client. Before a plan sheet is considered ready for the quality control (QC) process, the sheets will be checked by the Designer for conformance with design criteria and project requirements; completeness and clarity; coordination with other aspects of the project; compatibility with standards and good plans preparation practice; and coordination with project elements being developed or planned development on adjacent projects. The Designer review will evaluate the design from an engineering perspective, questioning the constructability, conformance with design, and coordination of the design throughout the project.

Following confirmation that the plan sheets are complete the QC process will begin. In no way is the QC review intended to replace the required design reviews accomplished each day as the project is being developed. It is Volkert's desire to establish a project team that is knowledgeable of the design criteria and is experienced with similar types of projects. The project team works together to design and review the project on a day-to-day basis.

The first step of the QC process is for each plan sheet to be checked by the Checker against the Plan Review Checklist. Checklist will be included in the appendix of this document. The checklist review will be used to confirm all required data is included on the sheet and the data is coordinated throughout the plan assembly. Concurrently with the Checker(s) review the Engineer of Record will review the design for overall conformance with the project scope and consistency of the design throughout the plans.

After any required changes are made, the names or initials shall be placed on the drawings indicating the individual who prepared the drawing, the drawing checker (if different than the designer), the designer, the design checker, and reviewer, if applicable.

Volkert technicians are familiar with the LA DOTD CADD Standards. Volkert utilizes MicroStation/Altiva CAD conform software to be LA DOTD standard compliant.

After completion of the project, Volkert will provide the LA DOTD with appropriate CADD-developed information. This will include data files and graphics in an electronic format that is compatible with the LA DOTD's CADD manual.

Sealing of the plans by the EOR would follow state requirements.

Reports (if needed)

The designer will prepare an outline as the first step in the preparation of all reports. The outline will be submitted to the EOR for approval. The outline will be reviewed for duplication and overlap, focus on the major issues, and consistency of format and structure. Once the report is complete in draft stage, the designer will send the report to the checker(s), including one copy to the engineer of record. The checkers will be given a deadline for completing the review.

The checker(s) will date and sign the cover page of the report following completion of their review and will mark all comments and correction in red pen. The designer will confirm and revise the report based on the noted corrections and comments, add any additional comments or corrections as needed, and

consult with the checker(s) to resolve any conflicts. The designer will finalize the report by obtaining a new copy of the report once all corrections are completed and ensuring all comments and corrections noted by the checker(s) have been incorporated into the report.

In addition to the project submittal reviews described above, there are many more good practices that should be followed to produce a quality product in a professional manner. These guidelines should be addressed and required reviews should be completed on an as-needed basis.

Correspondence (if needed)

Volkert's Project Manager or assigned public document coordinator will review any correspondence that is prepared for external customers (i.e., public letters, letters to public officials, correspondence with property owners, etc.). The review shall include spelling, grammar, punctuation, sentence structure, correct address, and title. The goal is accuracy, simplicity, and uniformity. All correspondence shall always include the LA DOTD Project IDs when referring to a project. Also, the PM and/or the public document coordinator will review data to be displayed at public meetings and presentations to local governments.

Constructability Reviews

Based on previous experience, Volkert understands the need to evaluate project constructability during the design process. Volkert Designers consider how the project will be constructed and paid for, including scheduling requirements, sequencing, phase conflicts, change order potential, construction means, contracting strategy, environmental constraints, and construction materials/fabrication requirements. The design documentation will include discussion on the construction of the project. In addition to staffing the project with experienced designers, Volkert will utilize in-house construction inspection personnel (CEI) to review the design for constructability. These experienced CEI personnel provide Volkert designers with an accessible data source.

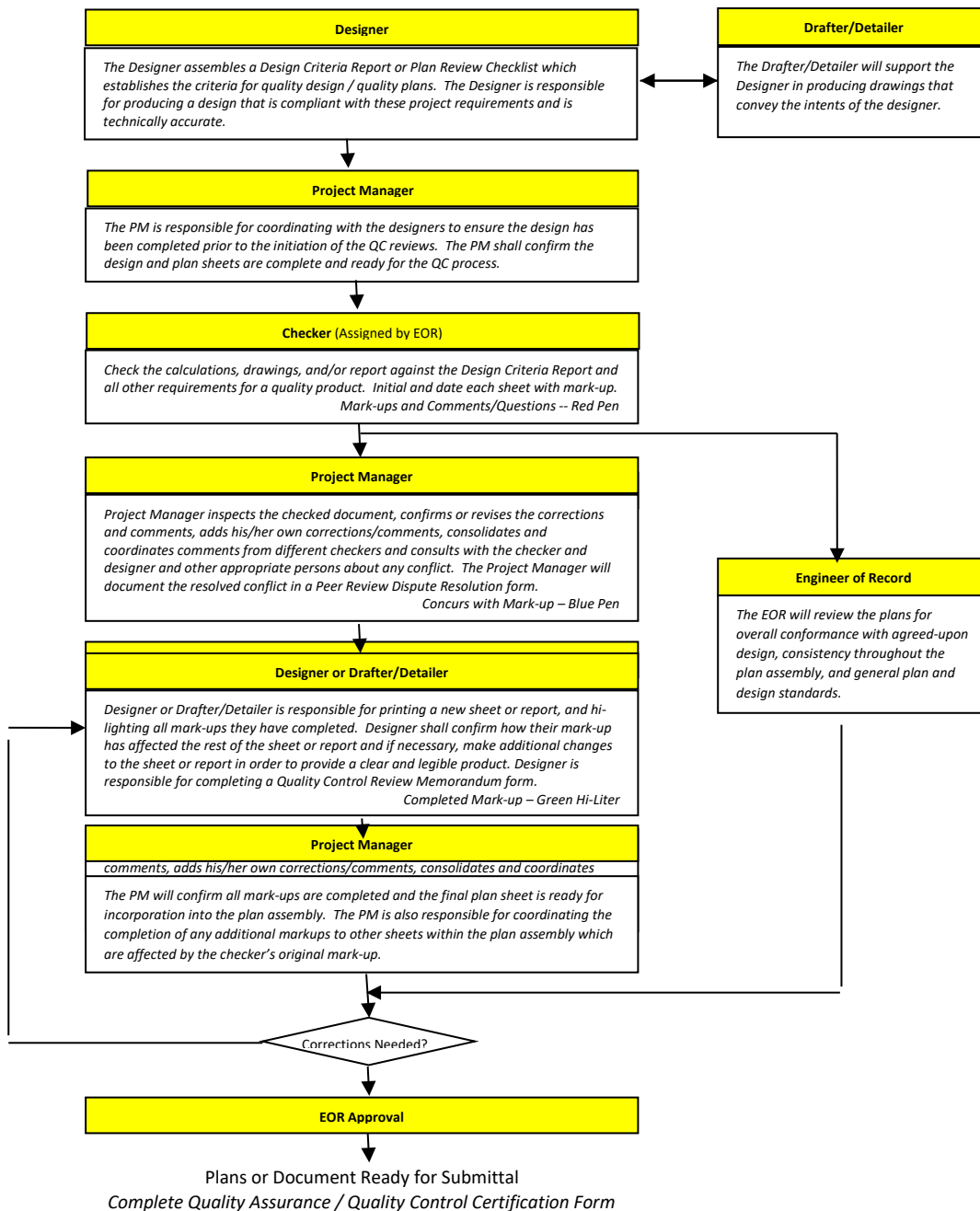


Fig. 1: Quality Control Process Flowchart

An informal review following the 60% preliminary submittal will include a review of the constructability of the horizontal and vertical alignments, the phasing of the project, the feasibility of maintaining traffic, conflicts with drainage and utilities, etc. In the final plan development stage, formal, documented review following the Advance Check Plan (ACP) will include a review of the method of payment for work to be completed, the conflicts to be anticipated with existing and proposed facilities, methods to minimize conflicts with drainage and utilities, and the maintenance of traffic.

Field Reviews: Volkert realizes that timely and effective field reviews are essential for the development of high-quality construction documents. We want to ensure that each review is conducted in an efficient and comprehensive manner, so that the information collected is readily available for reference as the construction plan set is assembled.

Volkert typically conducts field reviews prior to critical junctures during the project. With many bridge sites, relevant information can be extracted from the Assetwise database which is provided by LA DOTD.

If needed, prior to each field review the project manager will determine the goals of the field review and then assign the personnel that will participate in the review. Typical Field Review checklists are located on the Volkert Intranet under checklist. Prior to departing to the project site, the checklist will be reviewed so the appropriate tools, equipment, and materials are readily available on site during the field review. Any person visiting a project site should check out any appropriate safety equipment. The local stakeholders shall be notified prior to any field visits.

As a part of the field review, when they are conducted, photographs will be taken to document field conditions and items of concern. Photographs are valuable for future reference and to record existing conditions at the time of the review. The field review will be documented to include notes taken during the field review. The notes will consist of answers to specific questions determined beforehand, as well as issues discovered during review. Following the field review, the information gathered in the field is summarized and documented (with photographs) in report form, including a summary of the findings during field review and disposition of items noted during the field review.

Meetings

Another aspect of quality control concerns the accurate documentation of events that occur during the time that the project is active. Documentation involves the recording of meeting minutes and telephone conversations, which concern the project.

Volkert will prepare minutes for each meeting and field review conducted. The minutes will document the decisions and discussions that transpired at the meeting. At least two project team members and the project manager will typically represent Volkert at meetings. The minutes will be prepared and submitted to the LA DOTD's project manager for review and approval prior to finalizing and distributing the minutes.

The accurate recording of verbal decisions reached, or instructions that are given, is very important to both Volkert, and the stakeholders. Volkert's staff will use Volkert's interoffice memo form, or e-mails to the file to document calls that are made or received concerning these projects.

Project Coordination

Project coordination with the LA DOTD project manager will be on an “as needed” basis to ensure the LA DOTD project manager is aware of the status of the project. In addition, Volkert will submit periodic progress reports to the project manager, or designated person, informing him of the work completed in the current reporting period, work to be completed within the following period, a listing of items previously requested but not yet received, and a listing of milestones and dates.

Disposition of Comments

All comments made by external reviewers will be formally addressed. The responsible Designer will respond to the comment. Upon reviewing the comment, the Designer will prepare a draft response and if needed coordinate with the Engineer of Record to determine the required revision prior to initiating a plan modification. The response will be formatted in a manner that identifies the document reviewed, the date, and the reviewer. A copy of the comments will be returned with each re-submittal. Prior to re-submittal, the Engineer of Record will review the document for conformance with the disposition of comments.

Special Provisions

All relevant special provisions shall be identified by the appropriate author in responsible charge and checker. Sealing of special provisions should follow LA DOTD requirements.

The Value Engineering study is conducted in Preliminary Design as an independent conceptual review of the project to supplement internal design team reviews.

Quality Assurance Reviews Process and Procedures

Quality Assurance will include a review to ensure compliance with the QC plan. The quality assurance review will include review of the project and interviews with the LA DOTD Project Manager and at least one key Volkert project staff member. The interview outline is included in this document. The documentation from the QA review will be included in this Documentation Manual following the completion of the QA review.

QA reviews will be performed by the Reviewer/Quality Assurance Manager at least once during the 30% or 60% phase and once during the 90% or 100% phase or in any other periods established by LA DOTD Project Manager to determine if the Project Quality Control Plan is being followed. The QA review will at a minimum consist of the following:

- Confirm personnel have been assigned to the project with an acceptable level of expertise for the design and review processes and that the design personnel are familiar with the Project’s Quality Control Plan.
- Confirm the appropriate level of review and cooperativeness in the design, and constructability review has occurred.

- Review documentation concerning the level and quality of communications accomplished during the design process.
- “Spot check” disposition of comments to confirm that an appropriate and complete response has been provided.
- Meet at least once with the LA DOTD project manager to discuss the effectiveness of the quality control plan and determine required changes to the plan.
- Document in writing quality control deficiencies, document the plan of action in coordination with the Engineer of Record to resolve the deficiencies, and follow-up to ensure the plan of action is installed.

The Quality Assurance process also includes participation in field engineering reviews during design, construction, and in-service. It also includes ongoing review by the Project Manager to ensure that the appropriate levels of review have occurred for constructability, biddability, value engineering, and project documentation.

E. Identification of Personnel Qualified to Perform the Bridge Design and QC/QA of the Design and Plan Details

Jacob Parker, PE, a former LA DOTD bridge engineer with more than 20 years of experience designing simple and complex bridges will be the EOR for this project. His complete understanding of LA DOTD Bridge Design Policies and Procedures provides value to our team of designers and technicians.

Hossein Ghara, PE, former LA DOTD Bridge Design Engineer, with 45 years of bridge design experience, will provide QC and QA reviews over the bridge design, plans and Construction Services process.

Randy Denmon, PE, formerly associated and recognized with the name Denmon Engineering, now with Volkert, is a highly experienced Civil Engineer and a Licensed Surveyor. Randy presides over Volkert’s office in Monroe and his history and familiarity with this project and its location, Bossier City organization and personnel, and many of its stakeholders is invaluable to the effective communication and success of this project. Randy and his staff will provide the required Surveying information.

Allen Carlisle, PE, CFM is an experienced engineer in open channel hydraulics, watershed analysis, FEMA SFHA concerns and Bridge Hydraulics and Scour analysis. Randy Denmon, PE, will provide supervision and QC over this process.

Table 1: QC/QA Personnel Initial Areas of Responsibility Assignment

Discipline	Designer	Checker (QC)	Reviewer (QA)	EOR
Bridge Design and Plans	Steven Armstrong, PE	Jacob Parker, PE	Hossein Ghara, PE	Jacob Parker, PE
Topographic Survey	Randy Denmon, PE	Steven Lengefeld	Chad Fisher	Randy Denmon, PE
Geotechnical Investigation & Design	Sarah Berman, PE	Stephen Greaber, PE	Lynne Roussel, PE	Stephen Greaber, PE
Bridge Hydraulics & Scour Analysis	Allan Carlisle, PE	Randy Denmon, PE	Hossein Ghara, PE	Randy Denmon, PE

F. Use of QC/QA Tools, Such as Checklists, Standard Forms, Training Materials, Etc.

II. Typical Phase Review Guidelines

The following forms and checklists will provide the basis for developing and completing each one of the projects Phase review activities. Submittal review frequencies may be modified based on the LA DOTD preference.

Consultant Submittal Review Checklist

Consultant Submittal Review Checklist

Items	Submittals												
	Design Criteria	TS&L	30% PP	60% PP	90% PP	100% PP	30% FP	60% FP	90% FP	100% FP	Final Calculation Book	Plan Revisions	Change Orders
Consultant Submittal QC/QA Certification			R	R	R	R	R	R	R	R	R	R	R
Design Criteria	C												
TS&L		C											
Bridge Index			D	D	D	D	D	D	C	S			
General Notes			D	D	D	D	D	D	C	S			
Summary of Estimated Quantities			D	D	C	C	D	D	C	S			
General Plans			D	D	C	C	C	C	C	S			
Typical Sections			D	D	C	C							
Superelevation Diagram				D	D	C	C	C	C	S			
Construction Phasing Details				D	D	C	C	C	C	S			
Traffic Controls Details				D	D	C	C	C	C	S			
Foundation/Pile Layout				D	D	C	C	C	C	S			
Pile Loads/Details					D	D	D	C	C	S			
Pile Data Tables							D	D	C	S			
Bent Details							D	D	C	S			
Fender Details							D	D	C	S			
Girder Details							D	D	C	S			
Span Details							D	D	C	S			
Joint Details								D	C	S			
Bearing Details								D	C	S			
Approach Slab								D	C	S			
Guardrail Details								D	C	S			
Bridge Barrier/Railing Details								D	C	S			
Bridge Drainage Details								D	C	S			
Detour Bridge Details								D	C	S			
Revetment Details								D	C	S			
Signing/Lighting Details								D	C	S			
Year Plate								D	C	S			
Rebar Support								D	C	S			
Misc. Details								D	C	S			
Project Specific Standard Plans and Special Details								D	C	S			
Electrical/Lighting Details								D	C	S			
Mechanical Details								D	C	S			
As-Built Plans								D	C	C			
Special Provisions/NS-Items							D	D	C	C			
Cost Estimate					D	D	D	D	C	C			
Final Calculations											S		
Revised Plans/Calculations												S	S

Legends:

- "R" ■ The item is required and shall be included in the submittal.
- "C" ■ The item shall be complete and shall be included in the submittal.
- "D" ■ The item shall be in development and shall be included in the submittal.
- "S" ■ The item is stamped by the EOR and shall be included in the submittal.

G. Typical Final Calculation Book Checklist (Final Design Only)

The final calculation book for each project shall include, but not limited to, the following sections:

___ **Cover Sheet**

The following information must be included on the cover sheet:

- LA DOTD project number
- Project name
- The title of "Final Calculation Book"
- The EOR's seal with signature and date

___ **Final Calculation Book Check List**

___ **QC/QA Certifications**

___ **Peer Review Resolution Agreement (if peer review is performed)**

___ **Design Criteria**

___ **Final Hydraulic Analysis Report from Hydraulic Engineer**

___ **Final Geotechnical Analysis Report from Geotechnical Engineer**

___ **Superstructure Design Calculations**

___ **Substructure Design Calculations**

___ **Quantity Calculations**

___ **Special Provisions/NS-Items**

___ **Construction Cost Estimate**

___ **As-Designed Rating Report**

___ **List of All Final Electronic Design Files and File Locations (ProjectWise directory name)**

Consultants shall submit the final calculation book to LA DOTD bridge task managers; the submittal shall be on a CD or Flash Drive or placed to a designated ProjectWise folder including the following information:

___ **A PDF File of the Calculation Book**

___ **All Electronic Design Files**

___ **A PDF File of the As-Designed Rating Report Only**

Purpose	No. Of Sets	For	Sheets Needed	Remarks
Project Initiation 15%	1	HQ Utility Section	Title Sheet, Plan & Profile	Parish Map & copies of field roll can be used for high priority projects
	1	Project Engineer		
	1	District Utility Representative		
	3	Real Estate Section		
	1	Road Design Section		
	3	Environmental Section		
Typical Section 30%	1	Geotechnical Engineer	Title Sheet, Proposed Typical Section, & Soil Survey	if soil survey has not been made, then proposed grade should be furnished
Utility 30%	2	HQ Utility Section	Title Sheet & P/P	for review w/ utility companies and municipalities
		District Utility Representative		
Bridge 60%	1	Bridge Design Section	Title Sheet & Specific P/P	only if bridges required
Geometric Review 60%	1	Geometric Design Engineer	Full Set	
Soil Borings, Probings, Sub-grade Soil Survey, Ph & Resistivity 60%	3	Pavement & Geotechnical Section	Title Sheet, Gen. Br. Plan, Plan/Profile Shts.	
Preliminary Drainage Check 60%	1	Bridge Design Section	All Information Requested	for permit determination
	1	Hydraulics Section		all projects
Preliminary R/W Maps & Property Survey, 60%	1	Location & Survey	Title Sheet, Plan Profiles	
	1	Real Estate		
Constructability Review 90%	1	District Area Engineer	Constructability review form distributed with or prior to Plan in Hand distribution	for constructability review
	1	Project Engineer		
Plan-In-Hand 90% (must be distributed 21 days prior to meeting)	1	Construction Section (Hdqtrs)	Full Set & Cross Sections	
	1	Traffic Engineering Management	Full Set	
	1	HQ Utility Section (letter only)		
	1	District Area Engineer		
	1	Project Engineer		
	1	Geotechnical Engineer		
	1	Road Design Section		
	1	District Utility Representative		contact district for # sets
	1	District Permits Specialist		
	1	District Real Estate Officer		
	1	District Design		
	1	District Traffic Operations Eng.		
	1	Envi. Sect. Fed. Permit Coord.		for permit determination
	1	Bridge Design Section		only if bridges required
	1	F.H.W.A.		NH System > \$1 million
	1	Real Estate (Hdqtrs)		
	1	Environmental Section		
	1	DOTD Landscape Unit		
	1	Consultant		if applicable
	2	Parish Or City Government		Parishes Of Jeff., Plaq., EBR, Orleans, Caddo
1	Highway Rail Safety Engineer	Title Sht., Typ Sec, P/P with R/R	only for R/R X-ings	
1	Planning Section	Plan-In-Hand Report Only		

Purpose	No. Of Sets	For	Sheets Needed	Remarks
Drainage Check 60%	1	Hydraulics Section	All Information Requested	
	1	HQ Utility Section	Title Sht., Typ. Sec., P/P	sub-surface drainage projects
	1	District Utility Representative		
Geometric Review 60%	1	Geometric Design Engineer	Full Set	
	1	Road Design Section		
Advance Check Prints 95%	1	Project Engineer	Full Set & Cross-Sections	
	1	Construction Section (Hdqtrs)		
	1	Real Estate Section		
	1	F.H.W.A.		NH System > \$1 Million
	1	District Construction Engineer	Full Set	
	1	District Utility Representative		
	1	District Permits Specialist		
	1	Road Design Section		
	1	Geotechnical Engineer		
	1	Traffic Engineering Management		for construction signing or signals
	1	Geometric Design Engineer		add set if permanent signing req'd
	1	Contracts & Specifications		
	1	Bridge Design Section		
	2	Environmental Section		1 for Permit Coordinator
	1	HQ Utility Section		
	1	Contracts Management		Title Sheet Only
1	Highway Rail Safety Engineer	Title Sht., Typ. Sec., P/P with	only for R/R X-ings	
Constructability Review 95%	1	District Area Engineer	R/R	
	1	Project Engineer	review form distributed with ACP distribution	for constructability review
National Pollution Discharge Elimination System (NPDES)	1	EPA	Notice Of Intent	
Storm Water Pollution Prevention Plan (SWPP)	1	Contracts & Specifications	Environmental Protection Special Provision	
Trainee Determination	1	Contracts & Specifications	Trainee Determination Form	
	1	Construction		
Final Plans for Signature	1 (original)	Chief Engineer	Plans and PS&E Checklist	
Final Signed Plans 100%	Singed original plan set is transmitted to General Files. Copy of the title sheet is transmitted to Project Control. The Real Estate, Location And Survey and HQ Utility sections as well as the District Administrator, District Area Engineer, Construction Engineer, Road Design Engineer and parish or governmental agency are advised by copies of the transmittal memorandum that final signed plans are sent to general files. Prints are furnished by general files on request.			
Change Order	1	HQ Utility Section	Title Sheet & Revised Sheets	
	1	Project Engineer		
	1	District Utility Representative		
	18	Construction Section (Hdqtrs)		
	1	F.H.W.A.		NH System > \$1 Million
	10	Real Estate Section	Title Sht. & Revised P/P Shts.	only if R/W changed

PRELIMINARY PLAN PAYMENT MILESTONES

Payment Milestones	Task Status	Road Tasks	Bridge Tasks	Common Tasks
30 % Distribution	Completed	<ol style="list-style-type: none"> 1. Plan/profile sheets with existing topo 2. Preliminary typical sections submitted for review 3. Title sheet 4. Typical section questionnaire distributed 	<ol style="list-style-type: none"> 1. Bridge hydraulic study and scour analysis 2. Type, Size & Location of Structure Set 3. Deep borings 	<ol style="list-style-type: none"> 1. Predesign criteria established 2. Horizontal & vertical alignment set
	In Progress	<ol style="list-style-type: none"> 1. Preliminary typical sections being reviewed 2. Pavement Design 3. Soil borings and pH/resistivity data 4. Capacity analysis 5. Review utilities to remain 	<ol style="list-style-type: none"> 1. Superelevation diagram 2. Economic study (if appropriate) 	<ol style="list-style-type: none"> 1. Review utility locations and recommend those to stay in place
60% Distribution	Completed	<ol style="list-style-type: none"> 1. Horizontal/vertical alignment on plan/profile sheets 2. Geometric details submitted for review 3. Hydraulic design submitted for review 4. Cross sections 5. Final typical section 6. Utility relocation recommendations 	<ol style="list-style-type: none"> 1. Preliminary design of substructure & 2. Foundation analysis 3. General Plan 4. Typical bridge sections 	
	In Progress	<ol style="list-style-type: none"> 1. Earthwork computations 2. Construction notes & details 3. Required right of way 4. Utility Company Coordination 5. Constructability Review 	<ol style="list-style-type: none"> 1. Span and bent details 2. Foundation layout 	<ol style="list-style-type: none"> 1. Sequence of construction & construction signing
90% Distribution	Completed	<ol style="list-style-type: none"> 1. Geometric and hydraulic comments incorporated 2. Pre-plan in hand review 3. Required right of way 4. Utility company comments incorporated 	<ol style="list-style-type: none"> 1. Bridge quantities and general notes 	<ol style="list-style-type: none"> 1. Assemble plans 2. Cost estimate
	In Progress			<ol style="list-style-type: none"> 1. Pre-plan in hand review
95 % Distribution	Completed			<ol style="list-style-type: none"> 1. Plan in hand prints distributed
100 % Distribution	Completed			<ol style="list-style-type: none"> 1. Plan in hand inspection and comments addressed 2. Right of way taking lines set and transmitted to Location and Survey 3. Permit sketches 4. Revised cost estimate

Figure 1-7 (Continued on next page)

FINAL PLAN PAYMENT MILESTONES

Payment Milestones	Task Status	Road Tasks	Bridge Tasks	Common Tasks
30 % Distribution	Completed	1. Submit final typical sections for review & approval	1. General plan 2. Framing plan 3. Superstructure design	
	In Progress	1. Review R/W maps 2. Finalizing hydraulic design 3. Finalizing vertical & horizontal geometry 4. Finalizing construction notes	1. Foundation layout 2. Lighting and signing design 3. Superstructure details 4. Substructure design	
60% Distribution	Completed	1. Submit for final drainage design review	1. Superstructure details 2. Substructure design 3. Foundation layout 4. Lighting and signing design	1. Submit for sequence of construction and
	In Progress	1. Summary sheets 2. Joint Layouts 3. Graphical grades	1. Substructure details 2. General notes 3. Summary of quantities	
90 % Distribution	Completed			1. Pre-ACP submitted for review prior to distribution
95 % Distribution	Completed			1. Advance Check Print distribution 2. Cost estimate
	In Progress			1. Special Provisions
98 % Distribution	Completed			1. ACP comments addressed 2. Final cost estimate 3. Entire set of original plan sheets transmitted to 4. Special provisions
100 %	Completed			1. Plans, Specifications & Estimate 2. Plans & Estimate transmitted to General Files

Figure 1-7 (Continued from previous page)

III. References

The information in this Documentation Manual for Project Delivery has been provided in accordance with the requirements of the following documents:

1. *Guidance on QC/QA in Bridge Design in Response to NTSB Recommendation (H-08-17)*, prepared by Federal Highway Administration (FHWA). August 2011.
2. *Construction Plans Quality Control / Quality Assurance Manual*, prepared by Louisiana Department of Transportation and Development (LA DOTD). August 2008.
3. *Policy on Quality Control and Quality Assurance*, prepared by Louisiana Department of Transportation and Development (LA DOTD) Bridge Design Section. October 2012.
4. *Quality Control Plan – Large Project*, prepared by Volkert. April 2007.

IV. QC Documentation

The following example forms, and checklists will be utilized by the design team to record the quality control reviews held and supporting file documentation.

Design Criteria Checklist

From LA DOTD Bridge Design Section QC/QA Policy

The design criteria have been provided in the *Preliminary Analysis and Verification Report*, in accordance with the checklist below

— **Cover sheet**

The following information must be included on the cover sheet:

- LA DOTD project number
- Project name
- Revision date
- The Supervisor or Team Leader's signature and date

— **Governing Design and Construction Specifications and Other References**

A list of governing design and construction specifications and other references used for the project shall be included in this section. The edition number, interim revisions, and/or publication date must be specified for each reference.

— **Design Assumptions and Design Exceptions**

All design assumptions and design exceptions received must be included in this section along with supporting documents.

— **General Information**

The general information as listed below should be included in this section:

- Bridge information (no. of bridges, bridge clear width, length, no. of lanes, lane width, shoulder width, etc.)
- Road information (roadway classifications, design speed, traffic data, etc.)
- Vertical datum
- Vertical and horizontal clearances
- Other relevant information

— **Hydraulic Design Criteria**

All hydraulic design criteria (design year, design water elevations, scour depth and scour elevation, etc.) shall be included in this section and the information shall be provided by the Hydraulic Engineer.

— **Design Factors**

The ductility factor η_D , redundancy factor η_R , and operational importance factor η_I shall be listed in this section.

— **Design Loads**

All design loads (dead load, live load, wind load, thermal loads, vessel collision loads, seismic load, wave loads, etc.) used for the project shall be included in this section.

— **Limit States**

All applicable limit states for this project shall be listed in this section.

— **Bridge Barrier**

The design criteria, types, and test levels for bridge barriers shall be listed in this section. Standard plans and special details should be listed if they are utilized.

— **Guardrail**

The design criteria, types, and test levels for guardrails shall be listed in this section. Standard plans and special details should be listed if they are utilized.

— **Approach Slab**

Design criteria for approach slab shall be included in this section. Standard plans and special details should be listed if they are utilized.

— **Deck and Deck Drainage**

All design criteria for deck and deck drainage design shall be included in this section. Standard plans and special details should be listed if they are utilized.

— **Bearing**

All bearing types and design criteria for each bearing type shall be included in this section. Standard plans and special details should be listed if they are utilized.

— **Joint**

All joint types and design criteria for each type shall be included in this section. Standard plans and special details should be listed if they are utilized.

— **Superstructure**

All superstructure types and design criteria for each type shall be included in this section. Standard plans and special details should be listed if they are utilized.

— **Substructure**

All substructure types and design criteria for each type shall be included in this section. Standard plans and special details should be listed if they are utilized.

— **Piles and Drilled Shafts**

All pile types, sizes, and structural design criteria shall be included in this section. Standard plans and special details should be listed if they are utilized.

— **Geotechnical Design**

All geotechnical design criteria shall be included in this section and the information shall be provided by the Geotechnical Engineer. Standard plans and special details should be listed if they are utilized.

— **Mechanical Design**

All mechanical design criteria shall be included in this section if applicable. Standard plans and special details should be listed if they are utilized.

— **Electrical/Lighting Design**

All electrical design criteria shall be included in this section if applicable. Standard plans and special details should be listed if they are utilized.

— **As-Designed Bridge Rating Criteria**

All as-designed bridge rating criteria shall be included in this section.

— **Software**

All software used for design and check shall be included in this section.

Quality Assurance / Quality Control Certification

We, the undersigned designers, detailers, checkers, and reviewers for this project, have reviewed and accepted the calculations, plans, quantities, special provisions, and cost estimate prepared for the project. We certify that the work for which we are responsible has been completed in accordance with the LA DOTD Bridge Design Section policy on QC/QA.

Team Members	Name	PE Registration No.	Responsible Plan Sheets	Responsible Special Provisions	Construction Cost Estimate	Signature
Designers						
Design Checkers						
Detailers						
Detail Checkers						
Reviewers						
EOR (Bridge)						
EOR (Roadway)						

VOLKERT



LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

VOLKERT

Prepared By:

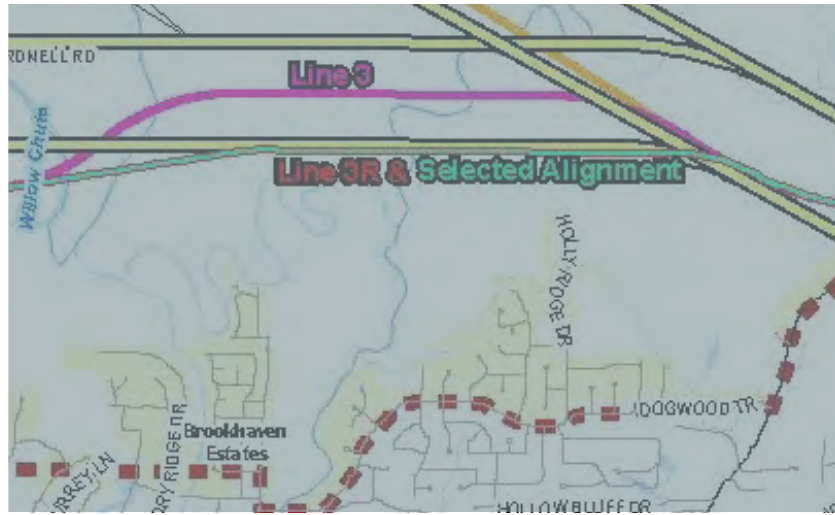
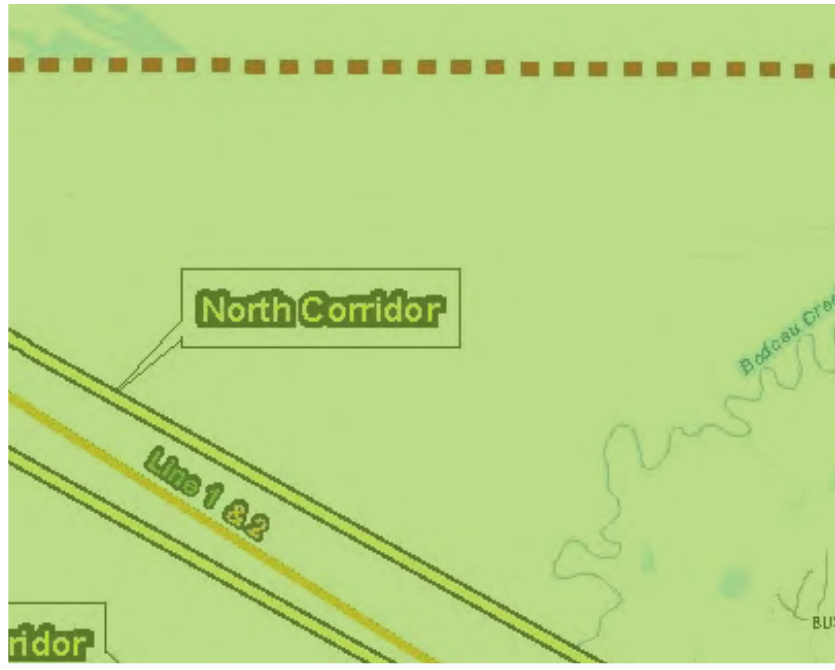
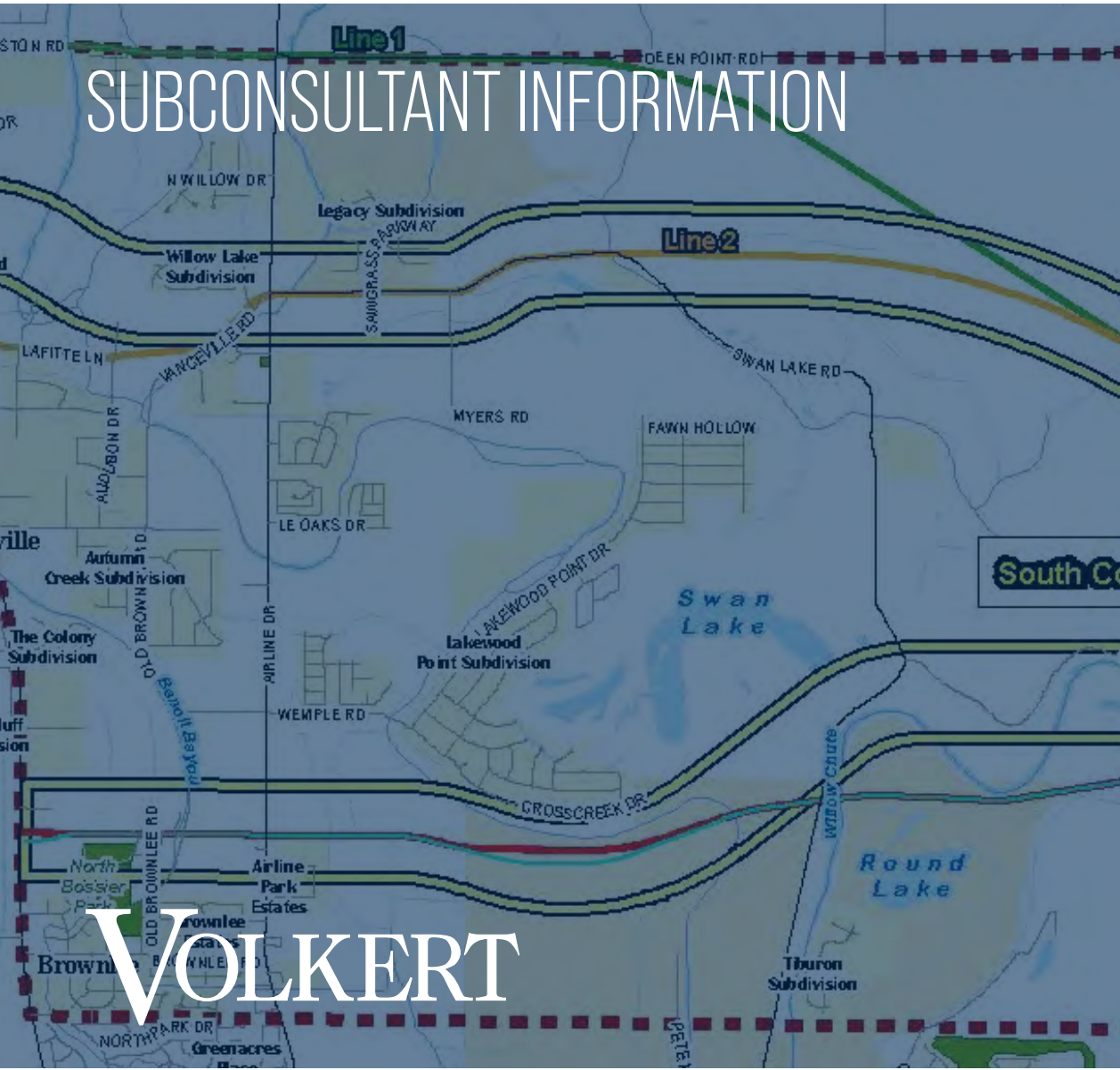
7967 Office Park Blvd.
Baton Rouge, LA 70809
225.218.9440



LOUISIANA DEPARTMENT OF
TRANSPORTATION & DEVELOPMENT

SECTION 22

SUBCONSULTANT INFORMATION



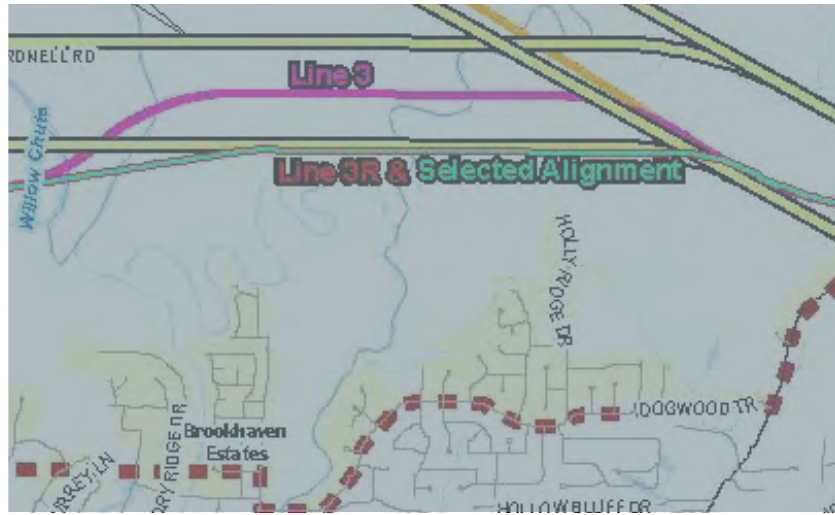
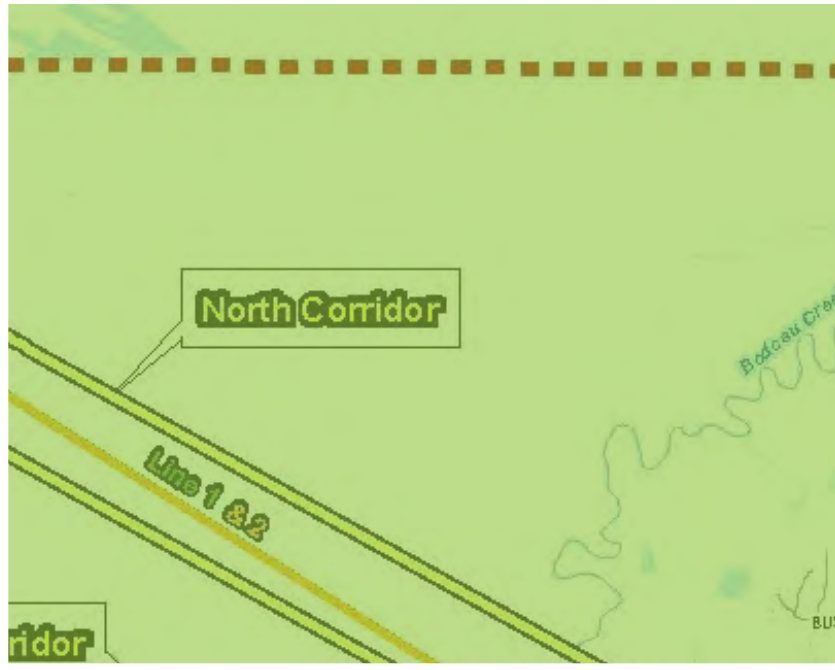
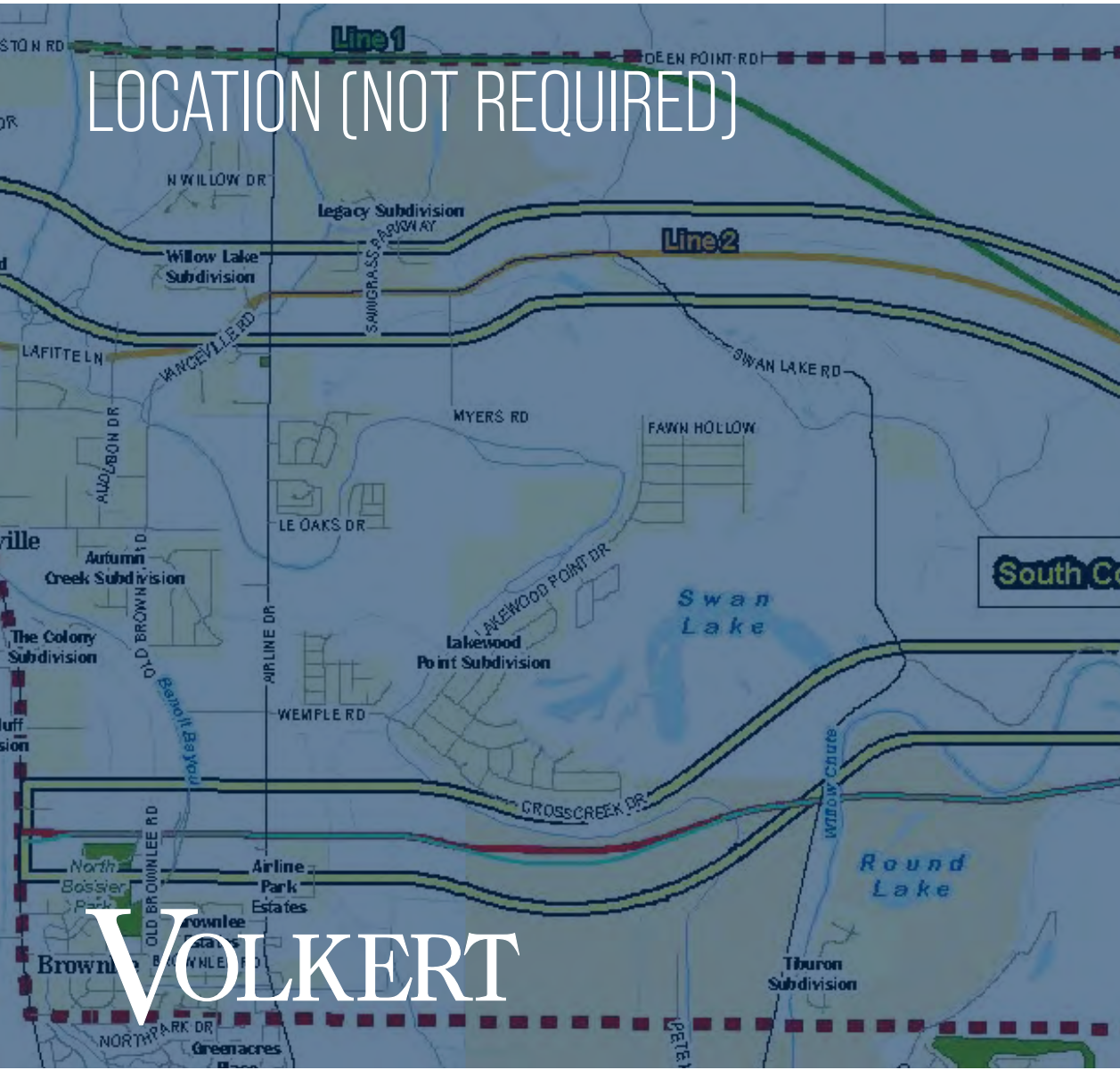
22. Sub-consultant information:

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 (as registered with Louisiana's Secretary of State)	Address	Point of Contact and email address	Phone Number
Terracon, Inc.	2822 O'Neal Lane, Building B Baton Rouge, LA 70816	Lynne Roussel McMillen, PE Lynne.Roussel@terracon.com	225-239-2632
EJES, Inc.	201 Wilkinson Street Shreveport, LA 71104	Tanita Gilbert-Baker, PE, MBA tbaker@ejesinc.com	318-670-7375
NTB Associates, Inc.	Corporate Headquarters: 525 Louisiana Ave., Shreveport, LA 71101 Branch Office: 8643 Main St., Zachary, LA 70791	Bryan T. Bunch, PLS bbunch@ntbainc.com	(225) 751-4002

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.

Not Required for this Submittal.