



STATEMENT OF QUALIFICATIONS TRAFFIC ENGINEERING SERVICES SOQ NO. 23-037



VOLKERT®

Volkert, Inc.
4141 Bienville Street, Suite 101
New Orleans, LA 70119
504.488.8002
www.volkert.com

VOLKERT

January 25, 2024

Jefferson Parish Purchasing Department
c/o Shanna Folse, Purchasing Specialist II
General Government Building
200 Derbigny Street - Suite 4400
Gretna, LA 70053

**RE: STATEMENT OF QUALIFICATIONS TO PROVIDE PROFESSIONAL TRAFFIC ENGINEERING SERVICES
FOR A PERIOD OF TWO (2) YEARS; SOQ No. 23-037**

Dear Selection Committee:

Volkert is pleased to submit our extensive qualifications to provide professional traffic engineering services for Jefferson Parish. Volkert has been a consistent reliable partner with the Parish on a variety of projects and looks forward to serving the Parish through this contract selection.

Within Volkert's 99-year history, Volkert has developed a pedigree as a multi-discipline engineering and environmental firm, providing services to state and federal agencies, local and municipal governments and private industry clients throughout Louisiana. As required for selection Volkert is active and in good standing with the Louisiana Secretary of State and licensed to do business in the State of Louisiana.

Volkert has direct experience providing development of preliminary and construction plans; complete feasibility and engineering studies, capacity and traffic analysis, traffic impact and safety studies, and signal timing studies; development of highway safety plans, traffic control plans, signing and pavement marking plans, signal plans and access management plans; traffic signal upgrades at railroad crossings; and analysis, development, and implementation of signal timings. As a full-service firm we also have the capabilities to develop roadway lighting plans and other roadside infrastructure improvements that will result in safer roadways. Volkert is dedicated to providing traffic engineering services that are tailored to fit our clients' specific needs. Since our firm specializes in the planning and design of local streets, highways, and bridges, we focus on the safe and systematic flow of vehicles and pedestrians through these systems. Our project types range from data collection surveys to the planning, design, and implementation of complex traffic surveillance and control systems.

We have the capacity and staff to provide the services requested in this proposal. Please note that I am an authorized representative of Volkert, Inc. and will be able to commit Volkert to a contract with the Parish upon notice to proceed. We look forward to your review and are ready to answer any questions the Parish staff may have. Please reach me at 225.270.1454 or email jan.evans@volkert.com.

Sincerely,
VOLKERT, INC.



Janet L. Evans, PE, MBA
Vice President

Cover Letter.....2

Table of Contents.....3

TEC Form.....4

Resumes of Key Personnel.....20

Additional Information36

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ 23-037-Provide Professional Traffic Engineering Services for a period of two (2) years

B. Firm Name & Address:

Volkert, Inc.
4141 Bienville Street
Suite 102
New Orleans, LA 70119

C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:

Janet L. Evans, PE, MBA
Vice President
LA PE #21307
Office (225) 218-9440
Cell (225) 270-1454
Email: jan.evans@volkert.com

D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.

Janet L. Evans, PE, MBA
Vice President
LA PE #21307
Office (225) 218-9440
Cell (225) 270-1454
Email: jan.evans@volkert.com

E. Please provide the number of employees whose primary function corresponds with each category:

<u>2</u> Administrative	<u>1</u> Cost Engineer Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u> </u> Geologists	<u>4</u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u> </u> Graduate Engineers
<u>19</u> Civil Engineers	<u> </u> Interior Designers	<u> </u> Project Managers
<u>24</u> Construction Inspectors	<u> </u> Landscape Architects	<u> </u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Grant/Funding Specialist
<u> </u> Electrical Engineers	<u> </u> Mechanical Engineers	<u>1</u> Sanitary Engineers
<u> </u> Engineer Intern	<u> </u> Environmental Engineers	<u>2</u> Transportation Engineer
<u> </u> Professional Land Surveyors	<u>2</u> Construction Manager	<u>75</u> TOTAL
<u>3</u> CADD Technician	<u>17</u> Technicians	

F. Is this submittal by a JOINT-VENTURE? Please check: YES ☐ NO ☒

If marked "No" skip to Section I. If marked "yes" complete Sections G-H.

TEC Professional Services Questionnaire

M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. N/A		
2. N/A		
3. N/A		
4. N/A		

N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.

Volkert has worked closely with numerous Parishes, counties, and agencies in the past to successfully complete projects of this nature. Over the past 99 years, Volkert has designed quite a few signature projects in the greater New Orleans Metro area including many within Jefferson Parish, projects which the citizens of Louisiana see and use daily. Volkert's staff is committed to maintaining project schedules and meeting project deadlines. Project Managers routinely meet to evaluate project status and ensure that schedules are being met. We have been successful to date in maintaining customer satisfaction in this area. We have established a long working history with repeat clients that upholds our capability to complete projects without having major construction cost escalations or overruns. Finding innovative solutions to meet our clients' needs is the hallmark of Volkert's success, as evidenced in our long-standing client relationships.

Volkert's reputation for the staff's personal and professional integrity and competence is shown by the State Level Louisiana Engineering Society awards our staff has won, and the high visibility projects we are awarded to design. The resumes included for Volkert staff in this submittal show a highly trained efficient staff who are dedicated to maintaining the Volkert reputation by providing outstanding service to our clients.

O. To the best of my knowledge, the foregoing is an accurate statement of facts.

Signature:  _____ Print Name: Janet L. Evans, PE, MBA
 Title: Vice President _____ Date: 1/25/2024

TEC Professional Services Questionnaire

K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Janet L. Evans, PE, MBA
Vice President

Project Assignment:

Principal-in-Charge

Name of Firm with which associated:

Volkert, Inc.

Years' experience with this Firm:

16

Education: Degree(s)/Year/Specialization:

MBA, 1986, Business Administration
BS, 1980, Civil Engineering

Active registration: Year first registered/discipline:

LA PE #21307, 1984, Civil

Other experience and qualifications relevant to the proposed Project:

Ms. Evans has 42 years of project management and design experience in design and construction of transportation projects. Her experience also includes heavy highway construction and computer consulting services. Ms. Evans has recently managed large, fast-tracked projects such as the I-10 and I-12 Design-Build projects, which required her coordination of various sub-consultants to ensure that all were on the same page. Furthermore, her background in roadway and bridge design, interstate geometrics, and project management enabled her to understand what is needed to ensure that all components of a project successfully fit together. (See attached resume for project experience).

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Jonathan Gambino, PE, PTOE, RSP1 Operations Manager Traffic Engineer
Project Assignment:
Project Manager
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
3
Education: Degree(s)/Year/Specialization:
BS, 2012, Civil Engineering
Active registration: Year first registered/discipline:
LA PE #41496, 2017, Civil PTOE #4433, 2018 RSP1 #587, 2022
Other experience and qualifications relevant to the proposed Project:
Mr. Gambino has 11 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. (See attached resume for project experience).

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Ashley Beckendorf, PE Project Engineer
Project Assignment:
Project Engineer
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
10
Education: Degree(s)/Year/Specialization:
BS, 2008, Civil Engineering
Active registration: Year first registered/discipline:
LA PE #37334, 2012, Civil
Other experience and qualifications relevant to the proposed Project:
Ms. Beckendorf has over 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 nine years, she has managed and assisted with managing several projects of complex nature and succeeded in keeping on schedule and maintaining great project outcomes. 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. (See attached resume for project experience).

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Ryan Ordeneaux, PE Project Engineer
Project Assignment:
Project Engineer
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
6
Education: Degree(s)/Year/Specialization:
BS, 2003, Civil Engineering
Active registration: Year first registered/discipline:
LA PE #39476, 2015, Civil
Other experience and qualifications relevant to the proposed Project:
Mr. Ordeneaux has engineered a variety of projects over his 20-year career including roadway design, bridge replacements, and aviation 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. (See attached resume for project experience).

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Gaston Ibarra, PE Civil Engineer
Project Assignment:
Project Engineer
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
6
Education: Degree(s)/Year/Specialization:
BS, 2018, Civil Engineering
Active registration: Year first registered/discipline:
LA PE #47844, 2023, Civil
Other experience and qualifications relevant to the proposed Project:
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 and obtained his PE license in May 2023. 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. (See attached resume for project experience).

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Angelo "Trey" Pecoraro, EI Engineer Intern
Project Assignment:
Engineer Intern
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
<1
Education: Degree(s)/Year/Specialization:
BS, 2022, Civil Engineering
Active registration: Year first registered/discipline:
LA EI #35212, 2022, Civil
Other experience and qualifications relevant to the proposed Project:
Mr. Pecoraro joined Volkert in 2023 as an Engineering Intern. Mr. Pecoraro's prior employment roles included project management such as managing budgets, timelines, and coordinating with various internal and external teams. (See attached resume for project experience).

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Parker Scheuermann, EI Engineer Intern
Project Assignment:
Engineer Intern
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
4
Education: Degree(s)/Year/Specialization:
BS, 2020, Civil Engineering
Active registration: Year first registered/discipline:
LA EI #34581, 2020, Civil
Other experience and qualifications relevant to the proposed Project:
Mr. Scheuermann joined Volkert 2020 after earning his degree in Civil Engineering. He provides civil engineering support on a variety of projects including document control. (See attached resume for project experience).

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Perry Leblanc CADD Technician
Project Assignment:
CADD Technician Drafter
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
7
Education: Degree(s)/Year/Specialization:
AS, 1998, Drafting & Design Technology
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
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. (See attached resume for project experience).

TEC Professional Services Questionnaire

L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.

PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
US 190 W Roundabouts St. Tammany Parish, LA 21490 Koop Drive Mandeville, LA 70471 985.898.2552	<p>The US 190 W corridor in Slidell between Northshore Boulevard and US 11 carries a large volume of traffic. There are several intersections that see increased congestion, accidents, and limited maneuverability due to the traffic traversing US 190. This project will install roundabouts at key intersections to alleviate some of the congestion and improve the flow of traffic. Conversion of intersections into single lane roundabouts at the following US 190 intersections: Westminster Dr., Maris Stella Street, Carroll Rd/Sunset Dr. A second alternative for Carroll Rd. / Sunset Dr. will be developed with an eastbound slip lane. Volkert will be providing services for Westminster Drive except for drainage, and will be providing the sequence of construction for the total project.</p> <p>The team will submit plans for all review stages required by LADOTD and as needed to verify concept, constructibility, and accuracy of design along with associated reports, cost estimates, conclusions, calculations, and recommendations.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2024 (estimated)	\$202k	\$202k

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
St. Tammany Parish Military Rd./Brownsitch Rd Traffic Impact Study St. Tammany Parish, LA 21490 Koop Drive Mandeville, LA 70471 985.898.2552	<p>The St. Tammany Parish Government was seeking the services of a professional engineering firm to provide traffic engineering services for the development of a traffic impact analysis report. The parish government solicited Volkert's services to perform a traffic impact analysis due to the construction of 233 single-family homes in the Bonterra subdivision that will affect the amount of vehicular traffic in the area.</p> <p>The project began with the initial collection of 7 day- 24-hour traffic count data and turning movement count (TMC) data at several locations along Military Road. TMC data was collected at each of the 4 intersections in the segment while traffic counts were taken north of Brownsitch Road on Military Road, east of Military Road on Brownsitch Road, and finally south of Crawford Landing on Military Road. All counts were taken while local schools were in session. Once the traffic count data was received it was analyzed to determine the AM and PM peak traffic hours which is required to obtain the correct TMC results. After the data was collected a growth rate was applied to estimate 2043 vehicle volumes. Next each intersection's 2023 AM/PM peak and 2043 AM/PM peak were modeled in HCS 7 to determine its efficiency. Based on those results alternatives were created in an effort to increase the efficiency of the intersection. The best and most feasible option after the analysis was then recommended.</p> <p>In addition to the traffic data analysis, a safety analysis was conducted using LADOTD's CATscan tool to determine each intersections Level of Service of Safety (LOSS) as well as the LOS of the entire segment. The safety analysis results were taken into when creating alternatives</p> <p>The area of interest is a highly traveled, narrow street that does not allow for major realignment or roadway widening changes to be made. With this challenge we had to be very selective on what improvements we can make that will increase both the efficiency of the segment and safety.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing	N/A	\$68k

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<p>LA 73 AT LA 74 Roundabout</p> <p>Ascension Parish Government 615 E Worthey Street Gonzales, LA 70737 225.450.1200</p>	<p>The Ascension Parish Government is seeking to build several roundabouts throughout the parish and has chosen Volkert to study and design a roundabout that will replace the signalized intersection at LA 73 and 74.</p> <p>Task order 1 consisted of traffic data collection where 48-hour machine counts were taken and then analyzed to determine the AM and PM peak traffic count. Once the AM and Peaks were determined turning movement counts were taken at selected intersections on all approaches in those hours. These results were then compiled into an appendix to summarize the results.</p> <p>Task order 2 includes the initial roundabout traffic report, a topographic survey, a geotechnical investigation, preliminary and final roundabout plans sets, preliminary and final drainage plan sets, and right-of-way maps.</p> <p>• The roundabout traffic report is a comprehensive investigation and report of traffic conditions and physical characteristics for the intersection prior to beginning design. The report will include a crash analysis, vehicle volumes with classifications (collected in task order 1), a speed study, Sidra Intersection analysis, an AutoTURN analysis, an area impact analysis, and a conceptual design. Once this report is complete the design phase of the project will begin. Volkert will design drainage, lighting, and roadway plans for this project.</p> <p>Some of the challenges on this project will be the close proximity of Live Oaks to the intersection. These trees may qualify as significant trees in LADOTD's Significant Tree EDSM and therefore will potentially present issues to the projects design. Mitigation may include design exceptions to avoid the trees altogether or specialty items to reduce the impacts to these historic trees.</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing	N/A	<p>Task Order #1 Contract Amount: \$7,500.00</p> <p>Task Order #2 Contract Amount: \$586,904.00</p>

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>US 190/N. Pontchartrain Drive Traffic Impact Analysis</p> <p>St. Tammany Parish, LA 21490 Koop Drive Mandeville, LA 70471 985.898.2552</p>	<p>Volkert, as Prime, was selected to assist with the US 190 at N. Pontchartrain Dr. Turn Lane Project. Due to growth in the area. The Parish identified the need for improvements to the intersection and tasked Volkert to provide a traffic study following LADOTD's Process and Reports Procedure to determine possible improvements.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2023	\$62k	\$62k

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Joe Sevario Road/Roddy Road at LA 933 Roundabout</p> <p>SJB Group, LLC., for Move Ascension Parish Department of Public Works 5745 Essen Lane Baton Rouge, LA 708010 225-769-3400</p>	<p>This project, part of the Move Ascension initiative, replaces a 4-way stop-controlled intersection at LA 933 and Joe Sevario Road with a roundabout to improve traffic flow through the intersection. The proposed project is a traffic study for the intersection of LA 933 at Joe Sevario Rd. and then the design of a roundabout at this location in Gonzales Louisiana.</p> <p>The purpose of the study was to evaluate potential traffic control at this intersection. The study evaluated the 2020 existing and 2023 Build year, and 2043 design year No Build and Build scenarios for the AM and PM peak hours. A report was developed that provided a capacity analysis, determined if operational or safety improvements could be made and developed alternatives which addressed deficiencies found in the project area.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2021	\$594k	\$90k

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Williams Boulevard to Veterans Boulevard and Loyola Drive</p> <p>LADOTD c/o GEC, Inc. 8282 Goodwood Boulevard Baton Rouge, LA 70806 225-612-8000</p>	<p>As a sub-consultant to GEC, Inc., Volkert provided hydraulic and traffic engineering design services as necessary to complete the submittal of Stage 3 Design, Part III Preliminary Plans. Volkert was responsible for the generation of a Transportation Management Plan (TMP) and hydraulic design for the widening project along the I-10 corridor in Kenner, Louisiana. The TMP outlines the strategies that was implemented to minimize impacts to the traveling public during construction of the project. This TMP also laid out the roles and responsibilities of the project stakeholders prior to and during construction.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	\$705k	\$705k

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
I-10/Highland IMR LADOTD 1201 Capitol Access Road Baton Rouge, LA 70802 225.379.1065	Volkert was selected to assist the LADOTD with Interstate Modification Report (IMR) to analyze the existing roadway network surrounding the LA 42 (Highland Road) interchange at Interstate I-10. The project involved a significant amount of data collection such as 7-day volume and classification counts, a speed study, travel time study, field observations, and a safety/crash study along 5 corridors and 10 intersections. This information was input into a VISSIM microsimulation model 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. The model was calibrated to match existing field conditions, and improvements were modeled to determine which alternative may address the existing congestion. A report summarizing the methodology and findings was developed and submitted to FHWA to address the required policy points for approval.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	\$2.3M	\$2.3M

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
LA 929 at LA 930 Roundabout Ascension Parish Government 615 E. Worthey St. Gonzales, LA 70737 225.368.2800	<p>As part of the Move Ascension program Volkert was assigned a task order to develop plans for a single-lane asphalt 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 was designed through SIDRA, AASHTO, and Louisiana DOTD standards. A traffic study was completed through SIDRA and then the development of plans from Preliminary through Final was completed using AASHTO and LADOTD guidelines and criteria.</p> <p>The scope of services included development of traffic, construction plans, drainage improvements, lighting, topographic survey, ROW mapping, geotechnical services and to perform subsurface utility engineering (SUE) services. AutoTurn was used to determine if the curves and speeds would produce positive results within the roundabout. Volkert provided all aspects of the engineering related to the traffic, geometrics, corridor development, lighting design, and drainage. Volkert also provided coordination between the subconsultants, the program manager, and the Parish.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2019	\$421k	\$421k

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>I-10/Loyola Drive Interchange Improvements</p> <p>Urban Systems Inc., for the LADOTD</p> <p>2000 Tulane Avenue, Suite 200 New Orleans, LA 70112</p>	<p>I-10/Loyola Drive Interchange Improvements, New Orleans, Jefferson Parish, Louisiana for LADOTD. Volkert was tasked to conduct the noise, air, socio-economic and environmental justice analyses for the project, provide NEPA guidance and QA, and assist with public involvement activities. The environmental justice analysis involved disproportionate adverse impacts to both minority and low-income residents and required the development of mitigation measures to offset the impacts. 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.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2018	N/A	\$353k

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>As Needed Traffic Engineering and Analysis for the Port of New Orleans</p> <p>Port of New Orleans Bill Rivera, P.E. P.O. Box 60046 New Orleans, LA 70160 (504) 528-3294</p>	<p>In the last ten years, traffic and cruise activity has increased considerably near the Port of New Orleans. In the intervening years since the last Port of New Orleans traffic analysis study, the riverfront and intermodal rail facility at Napoleon Avenue received a grant for expansion and is seeing more traffic from flatbed trucks than the more usual container drayage. This in addition to the four homeported Cruise lines has had an impact on the traffic congestion. Therefore Volkert was selected to provide a study addressing the inbound and outbound traffic volume separated by container and break bulk cargo at the Felicity and Clarence Henry Truckway entrance gate and the Tchoupitoulas Street intersection and separated by truck and POV at the Cruise terminals on days when Cruise ships are berthed. Volkert conducted interviews with trucker's and trucking companies to obtain movement and O-D information and determine a volume and percentage for the port related traffic. Volkert also conducted travel time studies to estimate length of time to travel between port facilities and using the results, calculated the cost of transferring containers between the Port facilities. After, Volkert provided recommendations for traffic and roadway enhancements which will include the possibility of moving Claiborne expressway and replacing it with a surface level boulevard or rerouting the trucks to the I-610 and I-10.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2015	\$100k	\$100k

TEC Professional Services Questionnaire

M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. N/A		
2. N/A		
3. N/A		
4. N/A		

N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.

Volkert has worked closely with numerous Parishes, counties, and agencies in the past to successfully complete projects of this nature. Over the past 99 years, Volkert has designed quite a few signature projects in the greater New Orleans Metro area including many within Jefferson Parish, projects which the citizens of Louisiana see and use daily. Volkert's staff is committed to maintaining project schedules and meeting project deadlines. Project Managers routinely meet to evaluate project status and ensure that schedules are being met. We have been successful to date in maintaining customer satisfaction in this area. We have established a long working history with repeat clients that upholds our capability to complete projects without having major construction cost escalations or overruns. Finding innovative solutions to meet our clients' needs is the hallmark of Volkert's success, as evidenced in our long-standing client relationships.

Volkert's reputation for the staff's personal and professional integrity and competence is shown by the State Level Louisiana Engineering Society awards our staff has won, and the high visibility projects we are awarded to design. The resumes included for Volkert staff in this submittal show a highly trained efficient staff who are dedicated to maintaining the Volkert reputation by providing outstanding service to our clients.

O. To the best of my knowledge, the foregoing is an accurate statement of facts.

Signature: _____ Print Name: Janet L. Evans, PE, MBA
 Title: Vice President Date: 1/25/2024



JAN EVANS, PE, MBA

PRINCIPAL-IN-CHARGE

Ms. Evans has over 40 years of project management and design experience, almost entirely on Louisiana projects, as well as experience in highway construction. Over the course of her career, she has worked extensively with the Louisiana Department of Transportation and Development in addition to municipalities, parishes, airports, and seaports across the state. Fourteen years ago, she joined Volkert, which was founded in New Orleans in 1925, and has reestablished the firm as one of the state's leading consultants. She now leads a growing team of professionals in multiple disciplines in six different offices across the state for Volkert.

PROJECT EXPERIENCE

St. Tammany Parish Military Rd./Brownswitch Rd Traffic Impact Study. Ms. Evans serves as Principal-in-Charge. The St. Tammany Parish Government was seeking the services of a professional engineering firm to provide traffic engineering services for the development of a traffic impact analysis report. The parish government solicited Volkert's services to perform a traffic impact analysis due to the construction of 233 single-family homes in the Bonterra subdivision that will affect the amount of vehicular traffic in the area. The project began with the initial collection of 7 day- 24-hour traffic count data and turning movement count (TMC) data at several locations along Military Road. TMC data was collected at each of the 4 intersections in the segment while traffic counts were taken north of Brownswitch Road on Military Road, east of Military Road on Brownswitch Road, and finally south of Crawford Landing on Military Road. All counts were taken while local schools were in session. Once the traffic count data was received it was analyzed to determine the AM and PM peak traffic hours which is required to obtain the correct TMC results. After the data was collected a growth rate was applied to estimate 2043 vehicle volumes. Next each intersection's 2023 AM/PM peak and 2043 AM/PM peak were modeled in HCS 7 to determine its efficiency. Based on those results alternatives were created in an effort to increase the efficiency of the intersection. The best and most feasible option after the analysis was then recommended. In addition to the traffic data analysis, a safety analysis was conducted using LADOTD's CATscan tool to determine each intersections Level of Service of Safety (LOSS) as well as the LOS of the entire segment. The safety analysis results were taken into when creating alternatives. The area of interest is a highly traveled, narrow street that does not allow for major realignment or roadway widening changes to be made. With this challenge we had to be very selective on what improvements we can make that will increase both the efficiency of the segment and safety.

LA 73 AT LA 74 Roundabout. Ms. Evans serves as Principal-in-Charge. The Ascension Parish Government is seeking to build several roundabouts throughout the parish and has chosen Volkert to study and design a roundabout that will replace the signalized intersection at LA 73 and 74. Task order 1 consisted of traffic data collection where 48-hour machine counts were taken and then analyzed to determine the AM and PM peak traffic count. Once the AM and Peaks were determined turning movement counts were taken at selected intersections on all approaches in those hours. These results were then compiled into an appendix to summarize the results. Task order 2 includes the initial roundabout traffic report, a topographic survey, a geotechnical investigation, preliminary and final roundabout plans sets, preliminary and final drainage plan sets, and right-of-way maps.

- The roundabout traffic report is a comprehensive investigation and report of traffic conditions and physical characteristics for the intersection prior to beginning design. The report will include a crash analysis, vehicle volumes with classifications (collected in task order 1), a speed study, Sidra Intersection analysis, an AutoTURN analysis, an area impact analysis, and a conceptual design. Once this report is complete the design phase of the project will begin. Volkert will design drainage, lighting, and roadway plans for this project.

Some of the challenges on this project will be the close proximity of Live Oaks to the intersection. These trees may qualify as significant trees in LADOTD's Significant Tree EDSM and therefore will potentially present issues to the projects design. Mitigation may include design exceptions to avoid the trees altogether or specialty items to reduce the impacts to these

EDUCATION

- ▼ MBA, Business Administration, 1986
- ▼ BS, Civil Engineering, 1980

REGISTRATIONS & CERTIFICATIONS:

- ▼ LA PE #21307
- ▼ MS PE #09300
- ▼ TX PE #89739
- ▼ FL PE #36393
- ▼ OSHA 30-Hour Construction Safety & Health
- ▼ Louisiana DOTD Certified Structural Concrete Inspector/Technician
- ▼ Louisiana DOTD Certified Portland Cement Concrete Paving Inspector/Technician

historic trees.

Joe Sevario Road/Roddy Road at LA 933 Roundabout. This project, part of the Move Ascension initiative, replaces a 4-way stop-controlled intersection at LA 933 and Joe Sevario Road with a roundabout to improve traffic flow through the intersection. The proposed project is a traffic study for the intersection of LA 933 at Joe Sevario Rd. and then the design of a roundabout at this location in Gonzales Louisiana. The purpose of the study was to evaluate potential traffic control at this intersection. SJB provided, survey, and 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. This includes conducting a high-level alternative comparing no-build, roundabout, and signalized intersection concepts comparing ROW, environmental, utility, and cost impacts on the projects.

LA 929 at LA 930 Roundabout. As part of the Move Ascension program Volkert was assigned a task order to develop plans for a single-lane asphalt 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 was designed through SIDRA, AASHTO, and Louisiana DOTD standards. Volkert provided all aspects of the engineering related to the traffic, geometrics, corridor development, lighting design, and drainage.

US 190 W Roundabouts, Slidell, LA. Volkert is responsible for design of the roundabout at US 190 and Westminister Dr. in Slidell, LA. Ms. Evans is serving as Principal-in-Charge.

US 190/N. Pontchartrain Drive Traffic Impact Analysis. Ms. Evans serves as Principal-in-Charge. Volkert, as Prime, was selected to assist with the US 190 at N. Pontchartrain Dr. Turn Lane Project. Due to growth in the area. The Parish identified the need for improvements to the intersection and tasked Volkert to provide a traffic study following LADOTD's Process and Reports Procedure to determine possible improvements.

City of Natchitoches Comprehensive Safety Action Plan for Safe Streets for All (SS4A) Program. Ms. Evans serves as Principal-in-Charge. In this role, he is responsible for providing the project deliverables on time to meet the aggressive schedule set by the client. The goal of the Action Plan is to identify and prioritize a list of specific projects that have the greatest potential to eliminate traffic fatalities and severe injuries, and potential funding sources, so that funding for implementation can be sought over the next several years. Volkert will deliver a plan that meets SS4A requirements and deliver Natchitoches, an interactive toolkit to prioritize fundable and implementable projects that will improve safety, reduce crashes, fatalities, and serious injuries on Natchitoches' roadways.

Regional Planning Commission SS4A - A Path to Zero For St. John The Baptist, Tangipahoa, And St. Tammany Parishes In Louisiana Safe Streets And Roads For All Discretionary Grant. Ms. Evans serves as Principal-in-Charge. Volkert was selected by the Regional Planning Commission to provide a Comprehensive Safety Action Plan. In accordance with the Infrastructure Investment and Jobs Act (IIJA) emphasis on reaching zero fatalities on our roadways, the Regional Planning Commission in partnership with the parish governments of St. John the Baptist, St. Tammany, and Tangipahoa Parishes is undertaking the creation of a safety action plan as a part of the Safe Streets and Roads for All Program (SS4A). The action plan will identify through both data and a thorough outreach process behavioral, operational, and infrastructure crash contributing factors. Using RPC's social vulnerability index, equity will help inform every step of action plan development, from contributing factor identification to countermeasure identification and deployment. The proposed countermeasures from the SS4A action plan shall allow the parishes of St. John the Baptist, St. Tammany, and Tangipahoa Parish to pursue SS4A implementation funds and other applicable funding sources to implement the action plans recommendations.

I-220 to Barksdale AFB Connector Design-Build Procurement, Bossier Parish, LA (LA DOTD) | 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.

Principal-in-Charge for Causeway Shoulder Bay Improvements on the Lake Pontchartrain Bridge in Louisiana, for the Greater New Orleans Expressway Commission. Volkert was selected to design shoulder additions to the Lake Pontchartrain Bridge, which will provide a safe space for disabled vehicles to pull over out of traffic and increase safety for motorists and emergency personnel in the event of a crash. This project will be executed using the Construction Manager at Risk alternative delivery method, a first for the state of Louisiana. The design includes shoulders that are 16 feet wide and 1,008 feet long. Piles will be boated to the work site and driven into the water by barge equipment. The precast caps and deck units will also be brought in by barge and lifted into place. Concrete will then be poured to connect the existing bridge deck to the new. Extensive permitting and agency coordination was required.



JONATHAN GAMBINO, PE, PTOE, RSP1

PROJECT ENGINEER

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.

PROJECT EXPERIENCE

St. Tammany Parish Military Rd./Brownswitch Rd Traffic Impact Study. Mr. Gambino serves as Project Manager. The St. Tammany Parish Government was seeking the services of a professional engineering firm to provide traffic engineering services for the development of a traffic impact analysis report. The parish government solicited Volkert's services to perform a traffic impact analysis due to the construction of 233 single-family homes in the Bonterra subdivision that will affect the amount of vehicular traffic in the area. The project began with the initial collection of 7 day- 24-hour traffic count data and turning movement count (TMC) data at several locations along Military Road. TMC data was collected at each of the 4 intersections in the segment while traffic counts were taken north of Brownswitch Road on Military Road, east of Military Road on Brownswitch Road, and finally south of Crawford Landing on Military Road. All counts were taken while local schools were in session. Once the traffic count data was received it was analyzed to determine the AM and PM peak traffic hours which is required to obtain the correct TMC results. After the data was collected a growth rate was applied to estimate 2043 vehicle volumes. Next each intersection's 2023 AM/PM peak and 2043 AM/PM peak were modeled in HCS 7 to determine its efficiency. Based on those results alternatives were created in an effort to increase the efficiency of the intersection. The best and most feasible option after the analysis was then recommended. In addition to the traffic data analysis, a safety analysis was conducted using LADOTD's CATscan tool to determine each intersections Level of Service of Safety (LOSS) as well as the LOS of the entire segment. The safety analysis results were taken into when creating alternatives. The area of interest is a highly traveled, narrow street that does not allow for major realignment or roadway widening changes to be made. With this challenge we had to be very selective on what improvements we can make that will increase both the efficiency of the segment and safety.

LA 73 AT LA 74 Roundabout. Mr. Gambino serves as Project Manager. The Ascension Parish Government is seeking to build several roundabouts throughout the parish and has chosen Volkert to study and design a roundabout that will replace the signalized intersection at LA 73 and 74. Task order 1 consisted of traffic data collection where 48-hour machine counts were taken and then analyzed to determine the AM and PM peak traffic count. Once the AM and Peaks were determined turning movement counts were taken at selected intersections on all approaches in those hours. These results were then compiled into an appendix to summarize the results. Task order 2 includes the initial roundabout traffic report, a topographic survey, a geotechnical investigation, preliminary and final roundabout plans sets, preliminary and final drainage plan sets, and right-of-way maps.

- The roundabout traffic report is a comprehensive investigation and report of traffic conditions and physical characteristics for the intersection prior to beginning design. The report will include a crash analysis, vehicle volumes with classifications (collected in task order 1), a speed study, Sidra Intersection analysis, an AutoTURN analysis, an area impact analysis, and a conceptual design. Once this report is complete the design phase of the project will begin. Volkert will design drainage, lighting, and roadway plans for this project.

Some of the challenges on this project will be the close proximity of Live Oaks to the intersection. These trees may qualify as significant trees in LADOTD's Significant Tree EDSM and therefore will potentially present issues to the projects design. Mitigation may include design exceptions to avoid the trees altogether or specialty items to reduce the impacts to these historic trees.

EDUCATION

- ▼ BS, Civil Engineering, 2012

REGISTRATIONS & CERTIFICATIONS:

- ▼ LA PE #41496
- ▼ ITE PTOE #4433
- ▼ RSP1 # 587
- ▼ LA DOTD Traffic Engineer Analysis Process & Report Module 1
- ▼ LA DOTD Traffic Engineer Analysis Process & Report Module 2
- ▼ LA DOTD Traffic Engineer Analysis Process & Report Module 3
- ▼ ATSSA Flagger

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.

I-10 Highland IMR. Mr. Gambino is the project engineer for an Interstate Modification Report (IMR) to analyze the existing roadway network surrounding the LA 42 (Highland Road) interchange at Interstate I-10. The project involved a significant amount of data collection such as 7-day volume and classification counts, a speed study, travel time study, field observations, and a safety/crash study along 5 corridors and 10 intersections. This information will be input into a VISSIM microsimulation model 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. The model will be calibrated to match existing field conditions and improvements will be modeled to determine which alternative may address the existing congestion. A report summarizing the methodology and findings will be developed and submitted to FHWA to address the required policy points for approval.

US 190 W Roundabouts | Slidell, LA | Volkert is responsible for design of the roundabout at US 190 and Westminster Dr. in Slidell.

US 190/N. Pontchartrain Drive Traffic Impact Analysis. Mr. Gambino serves as Project Manager. Volkert, as Prime, was selected to assist with the US 190 at N. Pontchartrain Dr. Turn Lane Project. Due to growth in the area. The Parish identified the need for improvements to the intersection and tasked Volkert to provide a traffic study following LADOTD's Process and Reports Procedure to determine possible improvements.

I-10 & I-12 Interchange Modifications: I-10 & I-12 College Drive Flyover Ramp, (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.

Plank Road, East Baton Rouge Parish, LA (Baton Rouge Metropolitan Airport) | Mr. Gambino served as Traffic Engineer for the design of Plank Road (the new alignment). This project is to relocate Plank Road along a new alignment. The project includes ROW acquisition and all the design for a new 4 lane highway with J-turns. It also includes ROW acquisition and all the design for additional lanes along Harding and Hooper Road. It also includes a new lighting system and new signalized intersection. This project is an Airport project, funded by FAA, but the road will be transferred to LA DOTD.

Macarthur Interchange Completion Phase II, Jefferson Parish, LA (LA DOTD) | 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.

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.

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.



ASHLEY BECKENDORF, PE

PROJECT MANAGER

Ms. Beckendorf has over 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 eight 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. 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. She is very familiar with SewerCAD and SewerGEMS

PROJECT EXPERIENCE

US 190 W Roundabouts | Slidell, LA | Volkert is responsible for design of the roundabout at US 190 and Westminister Dr. in Slidell, LA. Ms. Beckendorf is the lead engineer.

LA 929 at LA 930 Roundabout, Ascension Parish, LA (Ascension Parish Government) |

As project manager and lead engineer, Ms. Beckendorf has coordinated all sub-consultants and supervised all work done on the project. This is 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. She designed geometry and ran the SIDRA on this project as well. Volkert is also responsible for bidding once it is let. Ascension Parish Government.

LA 933 at Joe Sevario Rd Roundabout, Ascension Parish, LA (Ascension Parish Government) |

As lead engineer for Volkert working as a sub-consultant to SJB, Ms. Beckendorf created the geometry and ran the SIDRA analysis for the new roundabout. This a new roundabout at LA 933 and Joe Sevario Rd.

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 (LA DOTD), c/o GEC, Inc. Ms. Beckendorf served as a Project Engineer for this project assisting in drainage and roadway design.

Nicholson Segment 2, East Baton Rouge Parish, LA | As project manager, Ms. Beckendorf coordinates between sub-consultants, and the program management team to perform all necessary services and studies for the improvement of Nicholson Drive between Ben Hur Dr. and Bluebonnet Blvd. She is responsible for having the traffic study completed, the geotechnical engineering services, the SUE services, the surveying services, and all preliminary engineering completed for Nicholson Rd. to become a 4-lane divided roadway with two intersections being upgraded.

Plank Road, East Baton Rouge Parish, LA (Baton Rouge Metropolitan Airport) | As project manager, Ms. Beckendorf coordinates all aspects of the project for Phase I and Phase II. Ms. Ashley managed Phase I from Preliminary design, acquisition, and thru construction. Phase II is at the beginning of design but has been worked on from the conceptual phase, traffic studies, and through the EA. Phase II will consists of 62 acquisitions, two plan sets, and a design that includes two bridges, MSE walls, signals, lighting, complex roadway and sequencing. This includes coordination between the airport, the FAA, and LA DOTD. She is also responsible for all subconsultants, which include surveying, SUE, geotechnical engineering, traffic, and noise. She is responsible for the design of Plank Road, QA/QC of all components and supervision of all PE's, EI's, and technicians working on the project's design. This is project is to relocate Plank Road along a new alignment. The project includes ROW acquisition and all the design for a new 4 lane highway with J-turns. It also includes ROW acquisition and all the design for additional

EDUCATION

- ▼ BS, Civil Engineering, 2008

REGISTRATIONS & CERTIFICATIONS:

- ▼ LA PE #37334
- ▼ FHWA-NHI-142005 NEPA and the Transportation Decision-making Process
- ▼ Traffic Engineering Analysis
- ▼ Process & Report - Module 2
- ▼ Traffic Engineering Analysis
- ▼ Process & Report - Module 3

Macarthur Blvd Final Plans | New Orleans, LA | Volkert is responsible for the design of the geometry for the entire project as well as the design of the relocated frontage road and its connection to the new on and off ramps and the existing tunnel and a right turn lane on Peters Road. This design includes new subsurface drainage, sequence of construction in a congested area, and the development of preliminary and final roadway plans to be included in the overall project set. Ms. Beckendorf serves as the Project Manager for Volkert's portion of the work.

Hawthorne Hollow Bridge | Madisonville, LA | Ms. Beckendorf is serving as Project Manager for the replacement of the Hawthorne Hollow Bridge to box culverts. She managed the hydraulics, the surveying, the SUE, the geotechnical services, the inspection and load rating of the bridge, the permitting, the plan development, and the specification development throughout the final completion of the project.

Filmore South (Group A -RR042) for the City of New Orleans Department of Public Works in New Orleans, Louisiana – Ms. Beckendorf served as Project Engineer for the design of the project. Construction is completed on approximately 33,000 linear feet of street corridor improvements including incidental repairs, concrete panel replacement, patch/mill/overlay, and nonpaying incidentals on sections of 28 local streets. Volkert was also responsible for the Resident Inspection for Filmore South Group A.

Filmore South (Group B -RR043) for the City of New Orleans Department of Public Works in New Orleans, Louisiana – Ms. Beckendorf served as Project Manager and project engineer for the preliminary design phase of the project. 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) for the City of New Orleans Department of Public Works in New Orleans, Louisiana – Project Manager for the design phase; 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) for the City of New Orleans Department of Public Works in New Orleans, Louisiana – Project Manager for the design phase; Design is nearing completion 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.



RYAN ORDENEUX, PE

PROJECT ENGINEER

Mr. Ordeneaux has engineered a variety of projects over his 20-year career including roadway design, bridge replacements, and aviation 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.

PROJECT EXPERIENCE

Project Engineer for the Roundabout at Highway 929 and Highway 930 in Prairieville, LA for Ascension Parish. 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.

US 190 W Roundabouts | Slidell, LA | Volkert is responsible for design of the roundabout at US 190 and Westminister Dr. in Slidell, LA.

Project Engineer for the 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 (LA DOTD), c/o GEC, Inc. Mr. Ordeneaux served as Project Engineer for this project. Mr. Ordeneaux was involved assisting with the creation of construction sequencing for the project and the design of new subsurface drainage system. The new drainage system will have 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.

Project Engineer for the Plank Road, East Baton Rouge Parish, LA, Baton Rouge Metropolitan Airport. Mr. Ordeneaux served as Lead Project Engineer for this 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 LADOTD.

Project Manager for Capital Improvement Projects: Filmore South (Group A), Filmore South (Group B), Filmore South (Group C) and Filmore North (Group D) for the City of New Orleans Department of Public Works in New Orleans, Louisiana. The city created the Capital Improvement Program to restore over 400 miles of roads and infrastructure and includes Filmore North area and Filmore South area streets for various type of improvement including full reconstruction, concrete panel replacement, patch/mill/overlay (Resurfacing of asphalt streets) and sidewalk repairs. Volkert's responsibilities include providing survey, preliminary and final design services and construction phase services for Filmore South Group A, Filmore South Group B, Filmore South Group C and for Filmore North Group D. Mr. Ordeneaux served as Project Manager for the construction phase services for Filmore South Group A & Filmore South Group B, and Project Manager for final design services for Filmore South Group C and Filmore North Group D.

EDUCATION

- ▼ BS, Civil Engineering, 2003

REGISTRATIONS & CERTIFICATIONS:

- ▼ LA PE #39476
- ▼ Traffic Control Technician
- ▼ Traffic Control Supervisor

Project Manager for Filmore South (Group A -RR042) for the City of New Orleans Department of Public Works in New Orleans, Louisiana – Construction is completed on approximately 33,000 linear feet of street corridor improvements including incidental repairs, concrete panel replacement, patch/mill/overlay, and nonpaying incidentals on sections of 28 local streets. Volkert was also responsible for the Resident Inspection for Filmore South Group A.” Mr. Ordeneaux served as Project Manager for the construction services and project closeout.

Project Manager for Filmore South (Group B -RR043) for the City of New Orleans Department of Public Works in New Orleans, Louisiana – 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. Mr. Ordeneaux served as Project Manager for the construction phase and project closeout and oversaw plan revisions that were required due to adjacent project tie-ins.

Project Manager for Filmore South (Group C -RR044) for the City of New Orleans Department of Public Works in New Orleans, Louisiana – 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.

Project Manager for Filmore North (Group D -RR040) for the City of New Orleans Department of Public Works in New Orleans, Louisiana – Design is nearing completion 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.

Project Manager for the 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 includes 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 pumpstation. The Evangeline Road/CN Railroad Project includes 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. This project is a St. Charles Parish Project.

West Power Complex and Other Site Improvements at the Carrollton Water Treatment Plant; Location: New Orleans LA. Volkert is part of the design team responsible for planning and coordination services for the design development of the West Power Complex (WPC) at the Carrollton Water Plant. Ms. Beckendorf serves as lead Project Engineer for the project. Her roles include leading the design efforts for the site development. She has also completed the drainage analysis that consists of the existing chamber detention centers designed from the previous C-7 and C-8 project and incorporated the site development and grading into a new drainage design that incorporates a new drainage outfall from the facilities. The WPC consists of new substation, operations building, and gas turbine equipment and auxiliaries. Volkert civil design responsibilities include site sustainability components such as integrating the existing stormwater detention with a new proposed outfall location for the site drainage. The proposed outfall will integrate into the existing two detention beds and provide an overflow relief in the event of a 500-year rainstorm. The team was also responsible for the site grading and geometric layout of the internal roadways across the site. The site grading included two access ramps, one for normal site access and another for emergency use. The ramps will require local grading/sloping as well as a retaining wall.



GASTON IBARRA, PE

PROJECT ENGINEER

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.

PROJECT EXPERIENCE

Roundabout at Highway 929 and Highway 930 for Ascension Parish. Mr. Ibarra served as Project Intern for the Move Ascension program. Volkert was assigned a task order as part of the Move Ascension program 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 was designed through SIDRA, AASHTO, and Louisiana DOTD standards. As project manager. The project required a traffic analysis, development of construction plans, drainage improvements, lighting, topographic survey, ROW mapping, geotechnical services, and SUE services.

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. Ibarra 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.

Causeway Shoulder Bay Design, (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.

Plank Road Realignment for the 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 LADOTD.

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

EDUCATION

- ▼ BS, Civil Engineering, 2018

REGISTRATIONS & CERTIFICATIONS:

- ▼ LA PE #47844

working with the contractor for Value Engineering. Mr. Jeter created baseline schedules and coordination with clients to maintain schedule throughout the project.

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

Formosa Heavyhaul Bridge Coastal Bridge Co., LLC. 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.



ANGELO "TREY" PECORARO, EI

ENGINEER INTERN

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

PROJECT EXPERIENCE

St. Tammany Parish Military Rd./Brownswitch Rd Traffic Impact Study. Mr. Pecoraro serves as an Engineering Intern. The St. Tammany Parish Government was seeking the services of a professional engineering firm to provide traffic engineering services for the development of a traffic impact analysis report. The parish government solicited Volkert's services to perform a traffic impact analysis due to the construction of 233 single-family homes in the Bonterra subdivision that will affect the amount of vehicular traffic in the area. The project began with the initial collection of 7 day- 24-hour traffic count data and turning movement count (TMC) data at several locations along Military Road. TMC data was collected at each of the 4 intersections in the segment while traffic counts were taken north of Brownswitch Road on Military Road, east of Military Road on Brownswitch Road, and finally south of Crawford Landing on Military Road. All counts were taken while local schools were in session. Once the traffic count data was received it was analyzed to determine the AM and PM peak traffic hours which is required to obtain the correct TMC results. After the data was collected a growth rate was applied to estimate 2043 vehicle volumes. Next each intersection's 2023 AM/PM peak and 2043 AM/PM peak were modeled in HCS 7 to determine its efficiency. Based on those results alternatives were created in an effort to increase the efficiency of the intersection. The best and most feasible option after the analysis was then recommended. In addition to the traffic data analysis, a safety analysis was conducted using LADOTD's CATScan tool to determine each intersections Level of Service of Safety (LOSS) as well as the LOS of the entire segment. The safety analysis results were taken into when creating alternatives. The area of interest is a highly traveled, narrow street that does not allow for major realignment or roadway widening changes to be made. With this challenge we had to be very selective on what improvements we can make that will increase both the efficiency of the segment and safety.

LA 73 AT LA 74 Roundabout. Mr. Pecoraro serves as an Engineering Intern. The Ascension Parish Government is seeking to build several roundabouts throughout the parish and has chosen Volkert to study and design a roundabout that will replace the signalized intersection at LA 73 and 74. Task order 1 consisted of traffic data collection where 48-hour machine counts were taken and then analyzed to determine the AM and PM peak traffic count. Once the AM and Peaks were determined turning movement counts were taken at selected intersections on all approaches in those hours. These results were then compiled into an appendix to summarize the results. Task order 2 includes the initial roundabout traffic report, a topographic survey, a geotechnical investigation, preliminary and final roundabout plans sets, preliminary and final drainage plan sets, and right-of-way maps.

- The roundabout traffic report is a comprehensive investigation and report of traffic conditions and physical characteristics for the intersection prior to beginning design. The report will include a crash analysis, vehicle volumes with classifications (collected in task order 1), a speed study, Sidra Intersection analysis, an AutoTURN analysis, an area impact analysis, and a conceptual design. Once this report is complete the design phase of the project will begin. Volkert will design drainage, lighting, and roadway plans for this project.

Some of the challenges on this project will be the close proximity of Live Oaks to the intersection. These trees may qualify as significant trees in LADOTD's Significant Tree EDSM and therefore will potentially present issues to the projects design. Mitigation may include design exceptions to avoid the trees altogether or specialty items to reduce the impacts to

EDUCATION:

- ▼ BS, Civil Engineering, 2022, Louisiana State University; Minor in Business Administration

REGISTRATIONS & CERTIFICATIONS:

- ▼ LA EI #35212
- ▼ Traffic Control Supervisor
- ▼ National Highway Institute Course 130055 (Safety Inspection of In-Service Bridges)

SKILLS:

- ▼ Microsoft Office
- ▼ AutoCAD
- ▼ REC-RAS
- ▼ EPANET
- ▼ Procore
- ▼ Bluebeam
- ▼ STAAD Pro

these historic trees.

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

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

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

New Orleans Regional Planning Commission (NORPC) Safe Streets for All (SS4A) Safety Action Plan. Mr. Pecoraro serves as an Engineering Intern tasked to provide project management and coordination assistance as well as review of all documents submitted by subconsultants including crash data analysis, equity analysis, and project recommendations. The goal of the NORPC SS4A project is to significantly reduce or eliminate traffic fatalities and severe injury crashes in St. John the Baptist Parish, Tangipahoa Parish, and St. Tammany Parish.



PARKER SCHEUERMANN, EI

ENGINEER INTERN

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

PROJECT EXPERIENCE

Roundabout at Highway 929 and Highway 930 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.

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

MacArthur Interchange Completion, Phase II, 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.

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.

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.

EDUCATION

- ▼ BS, Civil Engineering, 2020

REGISTRATIONS & CERTIFICATIONS:

- ▼ LA EI #34581

Filmore D Mithra St.(New Orleans DPW) - Designed the road geometry and profile and created the cross sections using Civil3D. 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, created the permanent striping plans as well as the proposed joint layout.

CAPEX North (TxDOT) - Set the extents of the retaining walls, designed their profiles, and helped update the models and the corridors using Geopak. Coordinated with the other disciplines and subs to ensure our retaining wall design met all the drainage needs, bridge clearance requirements, and traffic control plan . Also, assisted in the plan preparation as well as cost estimate updates through Connect.

Crooked Creek (ARDOT) - Designed the alignment, road geometry, typical sections, profile, and cross sections using Inroads v8i. Assisted in the plan preparation.



PERRY LEBLANC

CADD TECHNICIAN

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. His experience includes the following projects.

PROJECT EXPERIENCE

St. Tammany Parish Military Rd./Brownswitch Rd Traffic Impact Study. Mr. Leblanc is assisting with plan design and layout. The St. Tammany Parish Government was seeking the services of a professional engineering firm to provide traffic engineering services for the development of a traffic impact analysis report. The parish government solicited Volkert's services to perform a traffic impact analysis due to the construction of 233 single-family homes in the Bonterra subdivision that will affect the amount of vehicular traffic in the area. The project began with the initial collection of 7 day- 24-hour traffic count data and turning movement count (TMC) data at several locations along Military Road. TMC data was collected at each of the 4 intersections in the segment while traffic counts were taken north of Brownswitch Road on Military Road, east of Military Road on Brownswitch Road, and finally south of Crawford Landing on Military Road. All counts were taken while local schools were in session. Once the traffic count data was received it was analyzed to determine the AM and PM peak traffic hours which is required to obtain the correct TMC results. After the data was collected a growth rate was applied to estimate 2043 vehicle volumes. Next each intersection's 2023 AM/PM peak and 2043 AM/PM peak were modeled in HCS 7 to determine its efficiency. Based on those results alternatives were created in an effort to increase the efficiency of the intersection. The best and most feasible option after the analysis was then recommended. In addition to the traffic data analysis, a safety analysis was conducted using LADOTD's CATScan tool to determine each intersections Level of Service of Safety (LOSS) as well as the LOS of the entire segment. The safety analysis results were taken into when creating alternatives. The area of interest is a highly traveled, narrow street that does not allow for major realignment or roadway widening changes to be made. With this challenge we had to be very selective on what improvements we can make that will increase both the efficiency of the segment and safety.

LA 73 AT LA 74 Roundabout. Mr. Leblanc is assisting with plan design and layout. The Ascension Parish Government is seeking to build several roundabouts throughout the parish and has chosen Volkert to study and design a roundabout that will replace the signalized intersection at LA 73 and 74. Task order 1 consisted of traffic data collection where 48-hour machine counts were taken and then analyzed to determine the AM and PM peak traffic count. Once the AM and Peaks were determined turning movement counts were taken at selected intersections on all approaches in those hours. These results were then compiled into an appendix to summarize the results. Task order 2 includes the initial roundabout traffic report, a topographic survey, a geotechnical investigation, preliminary and final roundabout plans sets, preliminary and final drainage plan sets, and right-of-way maps.

- The roundabout traffic report is a comprehensive investigation and report of traffic conditions and physical characteristics for the intersection prior to beginning design. The report will include a crash analysis, vehicle volumes with classifications (collected in task order 1), a speed study, Sidra Intersection analysis, an AutoTURN analysis, an area impact analysis, and a conceptual design. Once this report is complete the design phase of the project will begin. Volkert will design drainage, lighting, and roadway plans for this project.

Some of the challenges on this project will be the close proximity of Live Oaks to the intersection. These trees may qualify as significant trees in LADOTD's Significant Tree EDSM and therefore will potentially present issues to the projects design. Mitigation may include design exceptions to avoid the trees altogether or specialty items to reduce the impacts to these historic trees.

EDUCATION

- ▼ AS, Drafting & Design Technology, 1998

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.

Joe Sevario Road at LA 933 Roundabout, Ascension Parish, LA (sub to SJB Group, LLC for Ascension Parish) | Mr. Leblanc assisted with plan design and layout. SJB provided civil engineering, survey, SUE services and Volkert provided engineering support including development of a traffic study and geometric layouts for this roundabout to alleviate congestion and delays along this corridor.

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 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.

Filmore Group B and C, New Orleans, LA (City of New Orleans) | Mr. Leblanc assisted with plan design and layout for this project that consisted of providing full roadway replacement for several streets in New Orleans, LA. The replacement included full drainage upgrades, waterline upgrades, sewer upgrades and sidewalks consistent with their master planning. Volkert was responsible for the preliminary design through the 100% final design plan submittal.

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.



THIS IS VOLKERT

THE VOLKERT TEAM

Volkert has an experienced staff of traffic engineering professionals who have direct experience providing development of preliminary and construction plans; complete feasibility and engineering studies, capacity and traffic analysis, traffic impact and safety studies, and signal timing studies; development of highway safety plans, traffic control plans, signing and pavement marking plans, signal plans and access management plans; traffic signal upgrades at railroad crossings; and analysis, development, and implementation of signal timings. As a full-service firm we also have the capabilities to develop roadway lighting plans and other roadside infrastructure improvements that will result in safer roadways. Volkert is dedicated to providing traffic engineering services that are tailored to fit our clients' specific needs. Since our firm specializes in the planning and design of local streets, highways, and bridges, we focus on the safe and systematic flow of vehicles and pedestrians through these systems. Our project types range from data collection surveys to the planning, design, and implementation of complex traffic surveillance and control systems.

HISTORY & BACKGROUND OF VOLKERT

Volkert, Inc. is a full-service, multi-disciplinary planning, engineering, and environmental services firm with a long and successful history of providing support for public and private clients. Recently named as one of the Country's Top 100 Design Firms by Engineering News Record, Volkert is recognized as an industry leader for delivering innovative solutions for municipal and regional planning and infrastructure challenges. Volkert's Professional Engineers, Planners, Technicians, and Inspectors demonstrate a commitment to exceeding client expectations by providing exceptional engineering and planning expertise for projects of all sizes and complexities.

Volkert has worked closely with numerous Parishes, counties, and agencies in the past to successfully complete projects of this nature. Over the past 99 years, Volkert has designed quite a few signature projects in the greater New Orleans Metro area including many within Jefferson Parish, projects which the citizens of Louisiana see and use daily. Volkert's staff is committed to maintaining project schedules and meeting project deadlines. Project Managers routinely meet to evaluate project status and ensure that schedules are being met. We have been successful to date in maintaining customer satisfaction in this area. We have established a long working history with repeat clients that upholds our capability to complete projects without having major construction cost escalations or overruns. Finding innovative solutions to meet our clients' needs is the hallmark of Volkert's success, as evidenced in our long-standing client relationships.

Volkert's reputation for the staff's personal and professional integrity and competence is shown by the State Level Louisiana Engineering Society awards our staff has won, and the high visibility projects we are awarded to design. The resumes included for Volkert staff in this submittal show a highly trained efficient staff who are dedicated to maintaining the Volkert reputation by providing outstanding service to our clients.

SERVICES

TRAFFIC ANALYSIS AND INTERSECTION DESIGN

Volkert has a full staff of traffic engineering professionals who have direct experience providing development of preliminary and construction plans; complete feasibility and engineering studies, capacity and traffic analysis, traffic impact and safety studies, and signal timing studies; development of highway safety plans, traffic control plans, signing and pavement marking plans, signal plans and access management plans; traffic signal upgrades at railroad crossings; and analysis, development, and implementation of signal timings. As a full-service firm we also have the capabilities to develop roadway lighting plans and other roadside infrastructure improvements that will result in safer roadways.



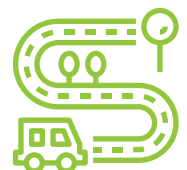
Volkert is dedicated to providing traffic engineering services that are tailored to fit our clients' specific needs and we specialize in the planning and design of local streets and highways with focus on the safe and systematic flow of vehicles and pedestrians through these systems. Our projects range from data collection surveys to the planning, design, and implementation of complex traffic surveillance and control systems.

PEDESTRIAN/COMPLETE STREETS

Transportation infrastructure is the network that holds a community together. This network provides accessibility and connectivity to residential and commercial areas and is the lifeline that creates vibrant livable communities. At Volkert, infrastructure design focusing on improving pedestrian and bicycle facilities is a critical part of transportation planning and design – one that encompasses economic growth, cultural development, and environmental stewardship. These projects often encompass an urban roadway, with curb and gutter drainage, on-street parking, pedestrian streetlights, trees, tree wells, irrigation, and utility relocations.

CORRIDOR/FEASIBILITY STUDIES

Clients reach out to Volkert to assist in the location, study and permitting of new transportation projects. Volkert regularly conducts corridor studies and prepares documentation for compliance with the National Environmental Policy Act. Volkert staff accurately and efficiently deliver all needed studies and complete the environmental documentation required by federal decision-makers during the review and approval process.



When impacts to the social, economic or natural environment are unavoidable, Volkert develops expert mitigation measures for state departments of transportation, and other state, federal and local agencies. Volkert's work enables clients to satisfy regulatory requirements in a timely manner, to move forward with the federal approval and to obtain federal funding for their transportation priorities.



VOLKERT