

JEFFERSON PARISH, LOUISIANA
**PROVIDE ROUTINE ENGINEERING
SERVICES FOR STREETS PROJECTS**

SOQ No. 24-021



VOLKERT



Volkert, Inc.
4141 Bienville St Suite 102
New Orleans, LA 70119
504.488.8002
www.volkert.com



July 16, 2024

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

RE: STATEMENT OF QUALIFICATIONS TO PROVIDE ROUTINE ENGINEERING SERVICES FOR STREETS PROJECTS; SOQ NO. 24-021; RESOLUTION NO. 144319

Dear Selection Committee:

Volkert, Inc. (Volkert) is pleased to submit our extensive qualifications to provide routine professional engineering services for Streets Projects throughout 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.

Volkert has designed and constructed thousands of miles of roadway and bridges for our clients. Volkert has provided professional services for roadway design, bridge design, construction engineering and inspection, corridor studies, traffic engineering, lighting design, environmental engineering, complete street design, surveying and real estate/right-of-way services.

Please note that I am an authorized representative of Volkert, and will be able to commit our team to a contract with the Parish upon selection. I can be reached via phone at 225-270-1454 or via e-mail at jan.evans@volkert.com.

Sincerely,
VOLKERT, INC.



Janet L. Evans, PE, MBA
Vice President

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Routine Engineering Services for Streets Projects
Resolution No. 144319

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
LA PE No. 21307
Vice President
(225) 218-9440
jan.evans@volkert.com
9448 Brookline Avenue, Baton Rouge, LA 70809

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
LA PE # 21307
Vice President
(225) 218-9440
jan.evans@volkert.com
9448 Brookline Avenue
Baton Rouge, LA 70809

Jonathan Gambino, PE, PTOE, RSP1
LA PE # 41496
Operations Manager
(504) 488-8002
jonathan.gambino@volkert.com
4141 Bienville Street, Suite 102 New
Orleans, Louisiana 70119

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

<u>16</u> Administrative	<u>27</u> Estimators	___ Specification Writers
___ Architects (Licensed)	___ Geologists	___ Structural Engineers
___ Chemical Engineers	___ Geotechnical Engineers	___ Graduate Engineers
<u>22</u> Civil Engineers	___ Interior Designers	___ Project Managers
<u>28</u> Construction Inspectors	___ Landscape Architects	___ Clerical
___ Ecologists	___ Land Surveyor	___ Grant/Funding Specialist
<u>2</u> Electrical Engineers	___ Mechanical Engineers	___ Sanitary Engineers
___ Engineer Intern	___ Environmental Engineers	
<u>2</u> Professional Land Surveyors	<u>4</u> Construction Managers	<u>119</u> TOTAL
<u>8</u> CADD 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

G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.

1.
N/A

2.
N/A

H. Has this JOINT-VENTURE previously worked together? Please check:
YES ☐ NO ☒

I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. Volkert will add qualified subconsultants as needed for any specific project assignments.		
2. N/A		
3. N/A		

J. Please specify the total number of support personnel that may assist in the completion of this Project:

0 _____

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
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:
Mrs. Evans has over 42 years of transportation and infrastructure 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. Twelve 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. More recently, she has managed or supported many of the state's large, fast-track, alternative delivery projects, including major projects on I-10, I-12, and other interstates. She also recently managed the state's first transportation CMAR project, the emergency shoulders project on the Lake Pontchartrain Causeway. She now leads a growing team of over 50 professionals in multiple disciplines in five different offices across the state for Volkert. Her experience includes both traditional design and an alternative design-build considered confined work zones, environmental compliance/permitting, traffic queuing and limited lane closures and development of construction sequencing for the high average daily traffic volume interstates.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Jonathan Gambino, PE, PTOE, RSP1 Project Manager/Operations Manager
Project Assignment:
Project Manager - Operations Manager
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
4
Education: Degree(s)/Year/Specialization:
BS, 2012, Civil Engineering
Active registration: Year first registered/discipline:
LA PE #41496, 2017, Civil Engineering
Other experience and qualifications relevant to the proposed Project:
Mr. Gambino joined Volkert in 2020 and 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. He is an ITE PTOE (#4433) and has obtained his ATSSA Flagger certification. LADOTD Traffic Training Complete.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Ashley Beckendorf, PE Project Manager
Project Assignment:
Project Manager
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 Engineering
Other experience and qualifications relevant to the proposed Project:
Ms. Beckendorf has over 16 years of design and engineering experience and expertise in delivering complex drainage, infrastructure, open space, and capital projects for government clients. She has specialized in sewer infrastructure design, site development, and roadway engineering. She has worked on the East Baton Rouge Greenlight Program and East Baton Rouge Parish Sanitary Sewer Overflow Program, beginning from the preliminary stages to design and on through construction. She has also worked on several site developments, roadway plans, and airport plans. She has managed complex projects with all aspects of engineering including geotechnical, surveying, environmental, real estate, utilities, traffic, lighting, drainage, bridge, and roadway design.

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 Engineering
Other experience and qualifications relevant to the proposed Project:
Mr. Ordeneaux has engineered a variety of projects over his 22-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 and sewer improvement projects throughout Louisiana. He has served as a project estimator with project management and inspection experience.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Gaston Ibarra, PE Project Engineer
Project Assignment:
Project Engineer
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
5.5
Education: Degree(s)/Year/Specialization:
BS, 2018, Civil Engineering
Active registration: Year first registered/discipline:
LA PE #47844, 2023, Civil Engineering
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 communicates fluently in both Spanish and English.

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, Civil Engineering, 2020
Active registration: Year first registered/discipline:
LA EI#34581, 2020, Civil Engineering
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Scheuermann joined Volkert 2020 after earning his degree in Civil Engineering. He provides civil engineering support on a variety of projects in our Baton Rouge office, including using Civil 3D for the geometric design and layout of two roundabouts on Louisiana state highways, and the widening of an US Hwy 71 in Bossier City to allow for the inclusion of turn lanes. He helped design the profiles for the numerous retaining walls along IH-35 and its surrounding frontage roads. He used MicroStation to help create multiple alternative concepts for the Calcasieu River Bridge PPP project, including the design of an elevated Diverging Diamond Intersection. Parker made weekly field visits to check on and report construction progress and assist in answering any questions or concerns the contractor might have had on the Plank Rd. reroute. He has assisted in creating construction cost estimates and checking as-built quantities for multiple clients across Louisiana including the LADOTD, New Orleans Sewage and Water Board, and New Orleans DPW. He also aided in the creation of survey CAD files and sheets for the LWI Region 2.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Trey Pecoraro, EI Engineering 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 Engineering
Other experience and qualifications relevant to the proposed Project:
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.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Perry Leblanc CADD Technician
Project Assignment:
CADD Technician
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
4
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:
<p>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.</p> <ul style="list-style-type: none">- Causeway Segmented Shoulder Bay Improvements on the Lake Pontchartrain Bridge in Louisiana, St. Tammany and Jefferson Parish, LA; (Greater New Orleans Expressway Commission)- Plank Road Realignment East Baton Rouge Parish, LA (Baton Rouge Metropolitan Airport)- Roundabout at Highway 929 and Highway 930 Prairieville, LA, Ascension Parish, LA - (LADOTD)- Joe Sevario Road at LA 933 Roundabout, Ascension Parish, LA (sub to SJB Group, LLC for Ascension Parish)- Filmore Group B and C, New Orleans, LA (City of New Orleans)

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Lutfi Saleh Technician
Project Assignment:
Engineering Technician
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
>1
Education: Degree(s)/Year/Specialization:
BS, 2020, Civil Engineering
Active registration: Year first registered/discipline:
N/A
Other experience and qualifications relevant to the proposed Project:
Mr. Saleh joined Volkert in 2024. He is a highly motivated with the desire and drive to gain experience and knowledge about all aspects of the engineering field. Capable of working independently with multiple tasks and committed to providing high quality service to every project with focus on roadway/drainage design. Mr. Saleh is pursuing experience to obtain a professional engineer license. He has trained personnel in the use of Design Programs such as: AutoCAD, Civil 3D, GeoPak MicroStation, OpenRoads Designer, Bluebeam, and Microsoft Excel.

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:
<p>Filmore South Groups B-C, Filmore North Group D</p> <p>Client: City of New Orleans 1300 Perdido Street, Rm 6W03, New Orleans, LA 70112</p> <p>Contact: Sarah McLaughlin, Interim Department Manager (504) 658-8420 snmclaughlin@nola.gov</p>	<p>The City created the Filmore Road Recovery project to restore the area's aging infrastructure and includes most area streets for various type of improvement including full reconstruction, concrete panel replacement, patch/mill/overlay (resurfacing of asphalt streets) drainage, water and sewer replacement and sidewalk repairs over 80 blocks in the Filmore South Group area. Mr. Ordeneaux served as Project Manager for the construction phase services for Filmore South Group B, and preliminary and final design services for Filmore South Group C and Filmore North Group D.</p> <p>Filmore South Group B (RR043) – Construction has completed on approximately 3,500 linear feet of full pavement replacement of several local streets including significant sections of Cartier Avenue and Owens Boulevard, including all new pavement, sidewalks, ADA handicapped ramps, new water lines, new sewer lines, lining of sewer services laterals, and new drainage lines, as well as incorporation of the outfalls from the adjacent Mirabeau Garden stormwater management and green infrastructure project, and special consideration of pavements near aged oak trees.</p> <p>Filmore South Group C (RR044) – Design completed, and we are entering the bidding phase for the project, and it will consist of approximately 5,400 linear feet full pavement replacement of several local streets including Seville, Granada and Bancroft in the Filmore Group area north of Mirabeau Avenue. This will also include all new pavement, sidewalks, ADA handicapped ramps, new water lines, new sewer lines, lining of sewer services laterals, and new drainage lines, keeping in mind the recommendations of the Mirabeau Gardens stormwater management and green infrastructure project, as well as special consideration of pavements near aged oak trees.</p> <p>Filmore North Group D (RR040) – Design is nearing completion 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.</p>
Completion Date (Actual or estimated):	Estimated Cost:
	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; text-align: center;">Entire Project:</div> <div style="width: 45%; text-align: center;">Work for which Firm was Responsible:</div> </div>
Ongoing	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; text-align: center;">\$13.1M</div> <div style="width: 45%; text-align: center;">\$1.85M</div> </div>

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:
<p>Pontilly Drainage Upgrade Hazard Mitigation</p> <p>Client: New Orleans Dept. of Public Works New Orleans City Hall 1300 Perdido Street, Suite 6W03 New Orleans, LA 70112</p> <p>Contact: Meagan Williams, PE DPW Project Manager (504) 658-8420 memwilliams@nola.gov</p>	<p>Volkert will provide professional resident inspection, reporting, and verification services for eligible street repairs on assigned streets within the project boundary area. The Pontilly Neighborhood Stormwater Network project will reduce flood risk and beautify green spaces in the Pontchartrain Park and Gentilly Woods neighborhoods through the construction of green infrastructure strategies. The project will combine improvements to the Dwyer Canal with a network of interventions along streets, in alleyways, and within vacant lots designed to slow and store stormwater. These strategies reduce the burden on the strained drainage system, reduce land subsidence, and improve water quality - all while beautifying the neighborhood.</p>
Completion Date (Actual or estimated):	Estimated Cost:
	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; text-align: center;">Entire Project:</div> <div style="width: 45%; text-align: center;">Work for which Firm was Responsible:</div> </div>
Ongoing	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; text-align: center;">N/A</div> <div style="width: 45%; text-align: center;">\$309,757</div> </div>

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<p>Causeway Shoulder Bay Improvements on the Causeway Bridges, Jefferson and St. Tammany Parishes, LA</p> <p>Client: Greater New Orleans Expressway Commission 3939 N. Causeway Boulevard, #400 Metairie, LA 70002</p> <p>Contact: Carlton Dufrechou (504) 835-3118</p>	<p>Volkert was selected to design these essential and long-awaited shoulder additions. The bridge shoulders, comprising 12 "shoulder bays," will provide a safe space for disabled vehicles to pull over out of traffic. They will also increase safety for motorists and emergency personnel in the event of a crash. This project was executed using the Construction Manager at Risk alternative delivery method, a first for the state of Louisiana.</p> <p>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. A joint permit application has been sent and accepted by OCM for a CUP (Coastal Use Permit) for both the full pile package and the advance pile package. A Coast guard permit was applied for but since the project won't affect the navigational channel should be approved upon submission.</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
12/2020	\$2.5M	\$ 2.1M

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>I-10 Clearview Parkway to Veterans Jefferson Parish, LA</p> <p>Client: Louisiana Department of Transportation and Development P. O. Box 94245 Baton Rouge, LA 70804</p> <p>Contact: Michael Duplantis 164 W. 3rd St., Kenner LA, 70062 (504) 465-3473</p>	<p>Volkert provided construction contract administration and construction engineering and inspection (CEI) services for the construction of additional lanes on I-10 between Veterans Boulevard and Clearview Parkway in Metairie, LA.</p> <p>The project consisted of adding lanes to the existing roadway and bridges, drainage structures, grading, cold planing asphaltic pavement, Class II base course, Superpave asphaltic concrete pavement, asphaltic concrete SMA wearing course, signing, lighting, sound barrier walls, slab span and girder span bridges, pavement markings, and related work. Volkert provided construction contract administration and construction engineering and inspection (CEI) services for the construction of additional lanes on I- 10 between Veterans Boulevard and Clearview Parkway in Metairie, LA.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
1/2017	\$50M	\$4.7M

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>St. Landry Road - Edenborne Connector, Ascension Parish, LA</p> <p>Client: Ascension Parish Government 42077 Churpoint Road Gonzales, LA 70737</p> <p>Contact: Tracie Rabalais, P.E. (225) 450-1386</p>	<p>As the prime consultant under this contract, Volkert was responsible for the management of subconsultants performing right of way acquisition services, survey services, subsurface utility coordination and location, geotechnical study and investigation, and laboratory. Volkert was responsible for the Design Plan Development, from initial preliminary information submittal to the 100% final plan submittal. The aggressive project schedule of 6 months for final plans was maintained in hopes of utilizing TIGER grant funds.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
1/2017	\$600,500	\$600,500

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>LA 1088 Corridor Study in St. Tammany Parish, LA</p> <p>Client: Louisiana Dept. of Transportation and Development P.O. Box 94245 Baton Rouge, LA 70804</p> <p>Contact: Jeff Brown, PE (225) 379-1305</p>	<p>Volkert was responsible for evaluating the social, economic, and environmental consequences of the alternatives (including the no-build) and present this information in the EA document. In addition to the formal EA document and Finding of No Significant Impact (FONSI), Volkert developed separate reports such as Wetland Finding, Phase I ESA, Phase I Cultural Resources Survey Reports, Noise analysis, possible Section 4(f) statement, Conceptual Stage Relocation Plan, etc. A Public Meeting was held to inform the public of potential impacts of the project, and to obtain comments and input from the public on the alternatives, design features, and impacts. Volkert obtained a FONSI from the FHWA once the EA has been approved by FHWA.</p> <p>The project consisted of the preparation of an EA in accordance with NEPA requirements, and other applicable laws for the proposed project. The project proposed improvements to the mobility and safety of vehicle, pedestrian and bicycle traffic along the LA 1088 corridor between LA 59 (Girod St.) and the I-12 westbound ramps in St. Tammany Parish. The total length of the project was approximately 3.5 miles with the study area encompassing the intersection of LA 59 and US 190 north along LA 1088 until its intersection with LA 36. There are eight existing intersections that will be improved with roundabouts.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2017	\$524,000	\$524,000

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>I-10 Widening Design/ Williams Blvd. Interchange to Veterans Blvd. Interchange</p> <p>Client: Louisiana Department of Transportation and Development c/o GEC, Inc. 8282 Goodwood Blvd. Baton Rouge, LA 70806</p> <p>Contact: Mr. Phillip Meyer, GEC Inc. pmeyer@gecinc.com (225) 612-3000</p>	<p>This project involved the widening of I-10 between the Loyola Drive and Veterans Boulevard interchanges. Volkert was a Subconsultant to G.E.C, Inc. The project consisted of the construction of 10' shoulders in both directions on I-10 and one 12' auxiliary lane with a 10' outside shoulder along I-10 westbound between the Loyola Drive and Williams Boulevard Interchanges. A double lane entrance ramp at the Loyola Interchange was investigated during the design phase. As part of this project the Bridges over Duncan Canal were also widened. In addition the concrete lining for the Duncan Canal Cross Section was provided under I-10 bridges within existing right of way. Furthermore, concrete noise barriers were built along I-10 in both directions. Volkert was responsible for the development and design of required Drainage Maps, Traffic management Plans and details associated with the Duncan Canal Lining replacement.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
8/2018	N/A	\$663,770

PROJECT NO. 8

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>I-10/Loyola Drive Interchange Improvements</p> <p>Client: Urban Systems c/o Louisiana Department of Transportation and Development 2000 Tulane Ave #200 New Orleans, LA 70112</p> <p>Contact: Alison Catarella-Michel, PE, PTOE, PTP, RSP (504) 569-3958</p>	<p>Volkert was a subconsultant to Urban Systems on this reconfiguration of the Loyola Drive/Aberdeen Street corridor which would provide a new access point from I-10 to the Louis Armstrong New Orleans International Airport. The goal of the project was to minimize queuing on to the interstate at the Loyola Drive Interchange and surrounding roadway network.</p> <p>Volkert was not the lead but we provided Air, Noise, Public Involvement, Environmental Justice, NEPA Guidance and QC services for the EA & FONSI. We completed these services under specific time constraints and within budget. We also provided QA/QC for other aspects of the project and ROW, CEI, and Utility relocation efforts related to each interchange alternative as well as some preliminary engineering of roadway configurations. 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:
12/2018	\$147 M	\$37,000

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Integrated Stormwater Management Plan, Jefferson Parish, LA</p> <p>Client: Jefferson Parish, LA 3421 N Causeway Blvd, Ste 203, Metairie, Louisiana, 70002</p> <p>Contact: Juliette Cassagne (504) 736-6337</p>	<p>Jefferson Parish desired to promote resiliency and sustainability in its actions and plans related to stormwater management and drainage projects. Significant infrastructure damage has occurred due to hurricanes and localized flooding in the area exposing weakness in critical drainage in the area. A Stormwater Management Advisory Committee was established resulting in the need for a study of ordinances to develop regulations for low-impact development and integrated stormwater management. Volkert is conducting that study.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
12/31/2021	\$199,559	\$199,559

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>US 190 Roundabouts</p> <p>Client: LADOTD c/o Richard Lambert, 900 W Causeway Approach, Mandeville, Louisiana 70471</p> <p>Contact: Franz Zemmer (985) 727-4440</p>	<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.</p> <p>Conversion of intersections into single lane roundabouts at the following US 190 intersections: Westminster Dr., Maris Stella Street, Carroll Rd/Sunset Dr.</p> <p>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. The team will submit plans for all review stages required by LADOTD and as needed to verify concept, constructability, 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 (est.)	\$202,000	\$202,000

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.

Travel via roads and bridges, is central to the nation's infrastructure; and Volkert has designed thousands of miles of roadways and bridges since 1925. Our roadway design and engineering projects include major interstate projects, both rural interstate and urban expressway; state and county roads; interchange improvements; tunnels; and complex multilevel interchanges. From new interstate highway facilities to widening and improving existing roadways and city streets to complex controlled-access expressways to improving the safety of an intersection, Volkert's approach to roadway and bridge design revolves around our desire to use our wealth of transportation experience to satisfy our clients' needs - on time and within budget.

Volkert offers the following roadway design services:

- Roadway, city streets, county roads, and highway design • New roadway and major roadway reconstruction projects • Corridor, location and feasibility studies • Intersection improvements • Traffic studies • Signal Design • Toll Roads • Highway widening and resurfacing • Site Development/Design • Drainage studies and design • Industrial parks • Electrical/mechanical services • Bridge design, repair, and replacement • Bike paths, pedestrian facilities • Stormwater Assessments • Intermodal facilities planning and design • Intelligent transportation systems (ITS) • Construction engineering services

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: July 16, 2024

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		

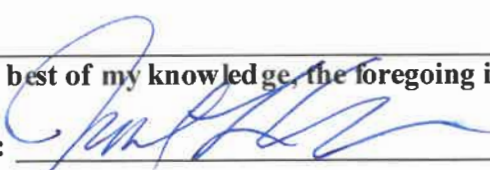
N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.

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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: July 16, 2024



JANET L. EVANS, PE, MBA | Principal-in-Charge

Ms. Evans has over 42 years of roadway and bridge project management and design experience in design and construction of transportation projects. This includes urban freeway design, stage 0 studies, capacity improvements, (lane additions), environmental justice and interchange modifications as well as both traditional design and an alternative design build considered confined work zones, traffic queuing and limited lane closures and development of construction sequencing for the high average daily traffic volume interstates. Her combination of construction and design experience has been utilized by the department in various alternative delivery projects including the development of draft CMAR guidelines and the development of a design build construction manual. Ms. Evans experience from both the construction side and the design side allow her to provide insight which aids in the resolution of issues in alternative delivery projects. She has numerous years of experience serving as a Principal on alternative LADOTD projects and is currently providing Construction Quality Assurance on several urban roadway and bridge replacement projects in the area.

Project Experience

St. Landry Edenborne Connector, Ascension Parish, LA. Ms. Evans served as Project Principal. As the prime consultant under this contract, Volkert was responsible for the management of subconsultants performing right of way acquisition services, survey services, subsurface utility coordination and location, geotechnical study and investigation, and laboratory. Environmental services for this project included project permitting, including a 404/10 permit application, and NEPA documentation, an Environmental Assessment in accordance with FHWA's technical advisory T 6640.8A for the preparation of environmental documents, and a final EA and FONSI. Volkert was responsible for the Design Plan Development, from initial preliminary information submittal to the 100% final plan submittal. The aggressive project schedule of 6 months for final plans was maintained in hopes of utilizing TIGER grant funds.

Filmore South (Group A), final design services and pending construction phase services for Filmore South (Group B) and pending design services for Filmore South (Group C) for the City of New Orleans Department of Public Works in New Orleans, Louisiana. Ms. Evans served as Project Principal. The City created the Filmore Road Recovery project to restore the area's aging infrastructure and includes most area streets for various type of improvement including full reconstruction, concrete panel replacement, patch/mill/overlay (resurfacing of asphalt streets) and sidewalk repairs over 80 blocks in the Filmore South Group area. Volkert's responsibilities include providing survey, preliminary and final design services and construction phase services for Filmore South Group A, Group B, and for Filmore C with Filmore Group A nearing completion of construction, Group B just recently bid for construction and Group C just beginning design.

Causeway Shoulder Bay Improvements on the Lake Pontchartrain Bridge in Louisiana, for the Greater New Orleans Expressway Commission. Ms. Evans served as Project Principal. 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.

I-10 Widening Design/Build, Siegen Lane Interchange to the Highland Road Interchange, East Baton Rouge Parish, LA. Ms. Evans was the Design QA/QC Manager and Designer of Record for this project. As such, Ms. Evans worked closely with all designers and the contractor on this \$100 M design build project. She was responsible for writing the design QC manual and ensuring that the procedures with the manual were implemented and followed. She was responsible for the monthly reporting of all design and design QA/QC activities to the LA DOTD. As Designer of Record, Ms. Evans

EDUCATION:

MS, Business Administration,
1986

B.S., Civil Engineering, 1980

REGISTRATIONS:

Professional Engineer:

- LA PE #21307
- MS PE #09300
- TX PE #89739
- FL PE #36393

TRAINING:

- OSHA 30-Hour Construction Safety & Health
- Louisiana DOTD Certified Structural Concrete Inspector/Technician
- Louisiana DOTD Certified Portland Cement Concrete Paving Inspector/Technician
- FHWA – NHI Course No. 134037A, Managing Highway Contract Claims: Analysis and Avoidance (8/2015)

JANET L. EVANS, PE, MBA

Principal-in-Charge

handled all communication between the contractor and the engineering sub-consultants on the project, including Traffic Engineering and Geotechnical Engineering. She was in daily communication with the Contractor to ensure that the schedule and budget was met. Ms. Evans was also involved in the pre bid activities which included preliminary plan development, maintenance of traffic phasing and quantity estimates for the contractor prior to contract award. This project was recently awarded an ACI Merit Award. LA DOTD State Project No. 450-10-0159.

I-12 Widening Design/Build Project | O'Neal Lane Interchange to Range Road in East Baton Rouge and Livingston Parishes, LA. Ms. Evans was in responsible charge of this roadway design project which consisted of the widening I-12 to 3 lanes in each direction (6 lanes total) between the O'Neal Lane/Pete's Highway interchange and Range Road. Ms. Evans provided preliminary design and quantity information for the contractor's use in bidding this \$60M design-build project. She then provided final design for roadway, maintenance of traffic and drainage on an accelerated schedule for the contractor. LA DOTD State Project No. 454-01-0047 & 454-02-0025.

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.



JONATHAN GAMBINO, PE, PTOE, RSP1 | Project Manager & Primary Contact

Mr. Gambino joined Volkert in 2020 and 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. He is an ITE PTOE (#4433) and has obtained his ATSSA Flagger certification. LADOTD Traffic Training Complete. Mr. Gambino has TxDOT and the City of Austin experience through the CapEx North Project.

Project Experience

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.

City of Natchitoches Comprehensive Safety Action Plan for Safe Streets for All (SS4A) Program.

Mr. Gambino serves as the Project Manager. 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 will deliver to 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.

Mr. Gambino serves as the Project Manager. 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. The purpose of the study is to create a plan that will significantly reduce traffic related fatalities and serious injuries within the parishes of St. John the Baptist, St. Tammany, and Tangipahoa. The plan will utilize an analysis of crash data on all roads, equity data, and thorough stakeholder outreach to identify behavior change, policy based, and infrastructure solutions. The purpose includes the use of proven safety countermeasures, public health modalities, and innovative strategies for future implementation. The completed action plan shall enable the participating parishes and local jurisdictions to pursue available funding sources including the HISP program, SS4A implementation grants, and other eligible funding programs.

EDUCATION:

B.S, Civil Engineering,, 2012

REGISTRATIONS:

- LA PE #41496 (Exp: 9/30/2025, Acq: 2017)
- TX PE #140651
- MS PE # 31358 (acq: 2020)
- AR PE #19866 (acq: 2020)
- AL PE #39722 (acq: 2020)
- UT PE #12224893 (acq: 2021)
- PTOE # 4433 (Exp: 03/18/2027, Acq: 2018))
- RSP1 # 587 (Exp: 04/05/2027, Acq: 2022)

TRAINING:

- 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

JONATHAN GAMBINO, PE, PTOE, RSP1

Project Manager & Primary Contact

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.

US 190 W Roundabouts, St. Tammany Parish, LA. 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 is a subconsultant to Richard C. Lambert, LLC. 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. Volkert will be providing services for Westminster Drive except for drainage and will be providing the sequence of construction for the total project.

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.

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.

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.



ASHLEY BECKENDORF, PE | Project Manager

Ms. Beckendorf has 16 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

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.

St. Landry – Edenborne Connector, Ascension Parish, LA. As Project Engineer, Ms. Beckendorf provided roadway engineering for a proposed five lane roadway, approximately 1 mile in length. The scope of her work included plans, specifications, quantities, and cost estimating with plan elements such as typical sections, plan and profiles, geometrics, grading, striping and signing, traffic control, and cross sections. Also, included in this work was a sewer design. For the sewer work, she designed gravity and force main lines and developed a site layout for the pump station. She assisted and reviewed the design of the pump station details and the

EDUCATION:

B.S., Civil Engineering, 2008

REGISTRATIONS:

Professional Engineer:

- LA PE #37334

TRAINING:

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

ASHLEY BECKENDORF, PE

Project Manager

drainage design. The project consisted of providing an environmental impact study, right away analysis, full roadway and utility design, and bid services. Volkert is responsible for the initial preliminary information submittal through the 100% final design plan submittal.

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.

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.

I-220/I-20 Interchange Improvements to BAFB Access Design-Build, Bossier Parish, LA (LADOTD). Ms. Beckendorf is providing roadway design submittal review for Volkert's team. The I-220/I-20 Interchange Improvement and BAFB Access project in Bossier Parish consists of the extension of I-220 to the south over I-20 as a limited access 4-lane arterial to a new terminus on Barksdale Air Force Base (BAFB) and includes construction of four interchange ramps providing interchange connectivity for the new access road. The project includes the construction of two sets of bridge structures, one set for the I-20 over pass and the second set for the over- pass of the KCS RR. The project terminus will tie to a BAFB roadway project creating a new access location for the base. | State Contract No. 4400016173, S.P. No. H.003370.6

St. Landry Turn Lane, Ascension Parish, LA. As Project Engineer, Ms. Beckendorf provided roadway design engineering for a turn lane of approximately ½ mile in length. The scope of her work included plans, specifications, quantities, and cost estimating with design elements such as typical sections, plan and profiles, geometrics, striping and signing, and cross sections. Volkert was responsible for the initial preliminary information submittal through the 100% final design plan submittal.



RYAN ORDENEUX, PE | Project Engineer

Mr. Ordeneaux has engineered a variety of projects over his 22-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

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 assisted 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.

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 among sub-consultants, the airport, FAA, and LADOTD.

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.

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.

- **Project Manager Filmore South (Group A-RR042) for the City of New Orleans Department of Public Works in New Orleans, Louisiana.** Project Manager for the construction services and project closeout. 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.

EDUCATION:

B.S., Civil Engineering, 2003

REGISTRATIONS:

Professional Engineer:

- LA PE #39476

TRAINING:

- Traffic Control Technician
- Traffic Control Supervisor

RYAN ORDENEUX, PE

Project Engineer

- **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.



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 communicate fluently in both Spanish and English.

Project Experience

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 began in mid-2020. Volkert is responsible for design, partnering, independent cost estimating and working with the contractor for Value Engineering.

Roundabout at Highway 929 and Highway 930 in Prairieville, LA, (Ascension Parish). Mr. Ibarra served as design engineer 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.

Plank Road Phase 1, East Baton Rouge Parish, LA (Baton Rouge Metropolitan Airport). Mr. Ibarra served as Design Engineer 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 LADOTD. Volkert is also providing coordination among sub-consultants, the airport, FAA, and LADOTD.

Causeway Shoulder Bay Design, Jefferson and St. Tammany Parishes, LA (Greater New Orleans Expressway Commission). Mr. Ibarra served as Design Engineer 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.

LA 23: Belle Chasse Bridge and Tunnel (HBI) Improvements, Plaquemines Parish (LADOTD). Mr. Ibarra is performing Comparison of Contract requirements to actual performance of the project for Design Audits on alternative delivery projects (Design Build and Private Public partnerships) 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

EDUCATION:

B.S., Civil Engineering, 2018

REGISTRATIONS:

Professional Engineer:

- LA PE #47844

GASTON IBARRA, PE

Project Engineer

meetings, ensure that the P3 adheres to their contract, and address other assignments as directed.

Filmore Group D, (City of New Orleans). Mr. Ibarra served as design engineer for this job which consisted of the full reconstruction of four streets (Mithra St, Crescent Dr, Chamberlain Dr, Pratt Dr) in the City of New Orleans for the Department of Public Works. Mr. Ibarra established horizontal/vertical alignments and modeled, in AutoCAD Civil 3D, the development of surfaces and typical section templates meeting owner design standards for the reconstruction of Chamberlain Dr. (From Charlton Dr. to Filmore Ave.) and Crescent Dr. (From St. Bernard Ave. to Pratt Dr.). He also did the hydraulic design for inlets and pipes including calculating drainage areas, roughness coefficient and runoff, detailing grades, inlets and catch basins using LADOTD HYDRWIN2009 for the proposed drainage structures associated with these two streets. He drafted plan sheets which included typical sections, plan & profiles, grading plan, joint layout, summary of quantities, and cross sections. He produced the cost estimate for the entirety of the project.

Hawthorne Hollow Bridge Replacement, St. Tammany LA. Mr. Ibarra was project manager and lead designer for this project, which consisted of generating final plans, bid documents, and as-designed load rating analysis for a timber bridge replacement. The challenge of this project was maintaining access for existing traffic during construction due to limited space for placement of the new structure. He established horizontal and vertical alignments, lane and shoulder widths and configurations, slope grading requirement, cross slopes, roadway elevations, drainage maps, and other engineering data needed for the realignment of the new road. He computed quantities and prepared estimates for construction costs. He also developed permit drawings for the Department of Natural Resources/ Office which consisted of showing the earthwork limits and details for the proposed structure.

Plank Road Phase 2, East Baton Rouge Parish, LA (Baton Rouge Metropolitan Airport). Mr. Ibarra served as Project Engineer for this project to relocate Plank Road along a new alignment. He will assist in the geometric and hydraulic design of this project. 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. Overpasses along Old Plank Road crossing over Harding/Hooper and along Hooper, crossing New Plank, will be design with MSE walls leading up to the bridges. 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.

Formosa Heavyhaul Bridge Coastal Bridge Co., LLC, Statewide Louisiana. Mr. Ibarra served as Project Intern for this project. Volkert is the prime consultant for this design-build project that involves the design of a continuous span bridge that is to hold extremely heavy loads crossing multiple lines of railroad tracks. It is a unique design that involved special design considerations for the bridge, retaining walls, crash walls, and the drainage design. It included a drainage design that incorporated trench drains to withhold extra heavy-duty loads.



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 in our Baton Rouge office, including document control.

Project Experience

Calcasieu River Bridge PPP RFP, LA (LA DOTD). Mr. Scheuermann was Project Intern, setting the preliminary alignments and profiles for the 14 different Alternative Technical Concepts (ATC's) throughout the roughly six-mile job. He also assisted in the creation and detailing of the different plan sets for each ATC, as well as for the Typical Sections and Plan and Profile sheets. He also assisted in the design of the MSE walls by providing wall limits and profiles for each wall. This project includes design for a realigned and expanded 8-lane freeway and its corresponding ramps, multiple new bridges, and drainage enhancements.

(New Orleans SWB) Demo Basins C7 & C8. Mr. Scheuermann served as Project Intern helping to make markups to plan sheets according to comments from N.O. SWB and the contractor in the field.

LWI Region 2 Modeling Series 1. Mr. Scheuermann served as Project Intern assisting to create plan and profile sheets for existing bridges and waterways throughout Morehouse Parish and Union Parish, LA. using supplied survey field notes.

Montz Priority 3 Drainage Improvements. Mr. Scheuermann assisted in the preliminary design of drainage enhancements for the St. Charles Parish Council. He consulted Tri State Trenchless, LLC. to determine if the proposed design could be achieved through jack and boring, and to get an estimate on how much the work would cost. He also coordinated with KCS railroad officials to determine if work was being done near the jobsite. This project involved adding a new canal near Evangeline Road between Airline Highway and the KCS Railroad, removing crushed CMP pipes under the railroad, and jack and boring additional pipes to assist with drainage.

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.

MacArthur Interchange Completion, Phase II in Jefferson Parish, Louisiana for the Louisiana Department of Transportation and Development (LADOTD), c/o SDR Engineering Consultants, Inc. Mr. Scheuermann assisted in the design for the permanent signing and pavement markings. The project included widening 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.

Filmore C (New Orleans DPW). Mr. Scheuermann served as Project Intern back checking drainage quantities and drainage structure types. He also assisted in plan sheet markups according to comments from the N.O. DPW and N.O. SWB. This was part of a road recovery initiative to fix the streets around the Filmore neighborhood. The project involved overlay and full depth repairs of the road, new drainage lines and water lines, and replacement of existing curb.

Filmore D Mithra St. (New Orleans DPW). Mr. Scheuermann designed the road

EDUCATION:

B.S., Civil Engineering, 2020

REGISTRATIONS:

Professional Engineer:

- LA EI #34581

TRAINING:

- ATSSA Traffic Control Supervisor
- ATSSA Traffic Control Technician

PARKER SCHEUERMANN, EI

Engineer Intern

geometry and profile and created the cross sections using Civil3D. He determined the location of inlets and tested the entire drainage system using HYDRWIN 2009 and imputed the inlet and pipe locations in the plan & profile. Also, Mr. Scheuermann created the permanent striping plans as well as the proposed joint layout.

Filmore Quad 2 City No Survey and Scope (New Orleans DPW). Mr. Scheuermann served as Project Intern helping with the construction administration of the Filmore A road recovery project. The project involved overlay and full depth repairs of the road, new drainage lines and water lines, and replacement of existing curb. He helped back-check the construction of as-built quantities submitted by the contractor, Hard Rock Construction, LLC. He also assisted in the creation of the final as-builts plan sheets.

I-10: Highland Road to LA 73 Design-Build, East Baton Rouge and Ascension Parishes, LA (LADOTD). 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.

IMR Highland to LA 42. Mr. Scheuermann served as Project Intern helping to perform a traffic study for the DOTD on the previously expanded I-10 corridor in East Baton Rouge and Ascension Parish. Traffic volumes along the new I-10 corridor between Highland Road and LA-73, Highland Road, and Siegen Lane were recorded, and queue times were calculated to observe what effect the widening of I-10 had on traffic.

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

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

Hawthorne Hollow Bridge, for Black River Estates. Mr. Scheuermann served as Project Intern helping with the design of the wing walls for the new culverts being designed to replace an old existing wooden bridge in the Black River Estates neighborhood in Madisonville, LA.

Crooked Creek, ARDOT. Mr. Scheuermann designed the alignment, road geometry, typical sections, profile, and cross sections using Inroads v8i. Assisted in the plan preparation.



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

North Pontchartrain at US 190 Traffic Analysis (St. Tammany Parish, LA). Mr. Pecoraro served as an Engineering Intern tasked to provide traffic count analysis, crash data analysis, and to 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 to 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 to 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.

Prior to Joining Volkert

I-10/12 College Drive Flyover Design-Build (Baton Rouge, LA). At a previous firm, Mr. Pecoraro served as the assistant quality control manager tasked to provide construction observation to ensure the bridge was built in accordance with the plans and specifications. His responsibilities, while in this position at Hardesty and Hanover, included inspection coordination, material testing and tracking, weekly quality control project updates, and aiding in writing non-conformance reports (NCRs). The new bridge and realignment of I-12 will increase driver safety in the corridor.

Louisiana and Mississippi Bridge Inspection Services. At a previous firm, Mr. Pecoraro provided bridge inspection services on several in-service, movable bridges in Louisiana and Mississippi. Mr. Pecoraro's objective during these inspections was to identify structural deficiencies in the superstructure and substructure of the bridge, identify safety concerns, and to report them back in a timely manner to the respective Department of Transport. His responsibilities included operation of an Under Bridge Inspection Vehicle (UBIV) or manlift, photo documentation of deficiencies, field notes of identified deficiencies, and the writing of a formal report for submittal.

EDUCATION:

B.S., Civil Engineering, 2017

REGISTRATIONS:

- LA EI #35212

TRAINING:

- ATSSA Traffic Control Supervisor, 2022
- National Highway Institute Course 130055 (Safety Inspection of In-Service Bridges), 2023



EDUCATION:

AS, Drafting & Design
Technology, 1998

PERRY LEBLANC | CADD Technician

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

Project Experience

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.

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 this project, which will 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.

Roundabout at Highway 929 and Highway 930 Prairieville, LA, Ascension Parish, LA (LADOTD). 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.

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



LUTFI SALEH | Engineer Technician

Mr. Saleh joined Volkert in 2024. Mr. Saleh is highly motivated and has the desire and drive to gain experience and knowledge about all aspects of the engineering field. Capable of working independently with multiple tasks and committed to providing high quality service to every project with focus on roadway/drainage design, Mr. Saleh is pursuing experience to obtain a professional engineer license. He has trained personnel in the use of Design Programs such as: AutoCAD, Civil 3D, GeoPak MicroStation, OpenRoads Designer, Bluebeam, and Microsoft Excel.

Project Experience

LA 73 AT LA 74 Roundabout, Ascension Parish, LA. Engineer Technician. 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.

I-35 Capital Express North. Engineer Technician. The I-35 Capital Express North project proposes to add one non-tolled high-occupancy vehicle managed lane in each direction along I-35 from SH 45 North to US 290 East. The project will also reconstruct bridges, add a diverging diamond interchange at Wells Branch Parkway, add pedestrian and bicycle paths, and make additional safety and mobility improvements within the project limits. Lack of mobility on I-35 threatens the economic livelihood of our city and our state. Improvements to this area are needed due to population and employment growth, which have caused increased congestion in the area. Program overview "The I-35 Capital Express Program" comprises three projects (North, Central and South). The I-35 Capital Express North project proposes to add one non-tolled managed lane in each direction along I-35 from SH 45 North to US 290 East. Managed lanes are proposed in high-congestion areas where right of way is limited. These lanes are designed to provide a less congested route than adjacent general-purpose lanes during peak periods for qualifying vehicles. Managed lanes control access by placing restrictions on use. The project will also reconstruct six bridges, add a diverging diamond intersection at Wells Branch Parkway and make additional safety and mobility improvements within the project limits.

Prior to Joining Volkert

Huitt-Zollars Houston. Mr. Saleh's responsibilities included Designing roadway and storm sewer design for various projects including City of Houston Beaumont place neighborhood development, Assisting project managers in roadway design and designed storm sewer for various projects for the City of Dickinson Flood mitigation; Designing bus stop for City of Houston projects; Designing Camp Trail for City of Dallas Camp site development; Creating Plan/Profile sheets, Cross Sections, and Corridors using Civil 3D for various projects; Designing horizontal alignment and profile for roadway including the design of ramps, cross streets, driveways, and sidewalks;

EDUCATION:

B.S., Civil Engineering, 2020

SKILLS:

- Geopak MicroStation
- Openroads Designer
- AutoCAD
- Civil 3D Designer
- MicroStation, Microsoft Office
- REVU Bluebeam.

LUTFI SALEH

Engineer Technician

Designing signings and pavement marking and storm water pollution plans; Aiding project manager in designing drainage including ditches, culverts and end treatments of culverts; Managing CAAD Files for productivity and work efficiency for project manager's aid; Reviewing and evaluating proposed plans, specifications, and estimates in compliance with TxDOT design criteria and policies, and construction specifications and standards.

ILSI Engineering,, New Orleans, LA. Roadway Design, Drainage Design, Construction Manager, and Construction Inspector. Mr. Saleh's responsibilities included performing and assisting project managers in roadway design for various projects including RR035 East Riverside, Garden District, Irish Channel, St. Thomas Group A; Assisting Construction Managers on various projects for the City of New Orleans; Inspecting various projects and communicating with various contractors such as the RR008 Black Pearl FEMA funded project; Aiding project managers on drainage mitigations using AutoCAD Civil 3D; Analyzing and calculating quantity takeoffs using REVU Bluebeam for project manager's aid; Reviewing and evaluating proposed plans, specifications, and estimates in compliance with City of New Orleans design criteria and policies, and construction specifications and standards.

Southern Earth Science Lab. Lab/Site Intern. Mr. Saleh's responsibilities included working in the construction lab unit, engaging in sampling, inspecting soils and concrete; being part of a team of inspectors and other technicians, assigning work and inspecting construction results; creating materials sampling plans for all projects to ensure sampling and testing is done per state standards; training personnel in the use of the construction management Excel programs.