

JEFFERSON PARISH, LOUISIANA

PROVIDE ROUTINE ENGINEERING SERVICES FOR DRAINAGE PROJECTS

SOQ No. 24-015



VOLKERT





June 21, 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 DRAINAGE PROJECTS; SOQ NO. 24-015; RESOLUTION NO. 144202

Dear Selection Committee:

Volkert is pleased to submit our extensive qualifications to provide routine professional engineering services for Drainage 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.

Our experience ranges from study and design to construction support for drainage system upgrades while providing cost effective sewer system solutions to meet a variety of needs, as shown in our statement of qualifications provided via the TEC form.

Please note that I am an authorized representative of Volkert, Inc., 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:

B. Firm Name & Address:

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:

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.

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

___ Administrative	___ Estimators	___ Specification Writers
___ Architects (Licensed)	___ Geologists	___ Structural Engineers
___ Chemical Engineers	___ Geotechnical Engineers	___ Graduate Engineers
___ Civil Engineers	___ Interior Designers	___ Project Managers
___ Construction Inspectors	___ Landscape Architects	___ Clerical
___ Ecologists	___ Land Surveyor	___ Grant/Funding Specialist
___ Electrical Engineers	___ Mechanical Engineers	___ Sanitary Engineers
___ Engineer Intern	___ Environmental Engineers	
___ Professional Land Surveyors	4 ___ Construction Managers	___ TOTAL
8 ___ 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.

2.

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.		
2.		
3.		

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

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. Sixteen 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/Client Liaison
Project Assignment:
Project Manager/Operations Manager/Client Liaison
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:
Clinton Patrick, PE, PLS Project Engineer
Project Assignment:
Project Engineer
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
8
Education: Degree(s)/Year/Specialization:
BS, 2012, Civil Engineering
Active registration: Year first registered/discipline:
LA PE #40919, 2016, Civil Engineering LA PLS #5311, 2023, Surveyor
Other experience and qualifications relevant to the proposed Project:
Mr. Patrick has 10 years' experience. His skills include Team & Project Management, Relationship Building, Critical Analysis, Strategic Planning, Delegation, Budgeting, HEC-RAS, Autodesk Storm & Sanitary Sewer Analysis, MicroStation, AutoCAD Civil 3D. His certifications include: Class IV Wastewater Operator (Treatment & Collection).

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Stephen Heraty, PE Construction Project Manager
Project Assignment:
Construction Project Manager
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
25
Education: Degree(s)/Year/Specialization:
BS, 1997, Civil Engineering
Active registration: Year first registered/discipline:
LA PE #31272, 2004, Civil Engineering
Other experience and qualifications relevant to the proposed Project:
Mr. Heraty has been with Volkert since 1998 and is responsible for assisting with engineering services associated with civil and structural engineering projects. Mr. Heraty is a project engineer with many years' experience in servicing the Louisiana DOTD. His experience includes work in design, bridge inspection and construction engineering and inspection.

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:
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.

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:
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 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:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:

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.		
2.		
3.		
4.		

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

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

Signature: _____ **Print Name:** _____

Title: _____ **Date:** _____



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

LADOTD IIA Off-System Bridge Replacement Program; District 04, LA. Ms. Evans serves as Principal-in-Charge. Volkert assists in the implementation and management of the DOTD's Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program (OSBR). Initial services for this project included site screening and bridge selection for replacement based on matrix/spreadsheet cataloging specific site information in order to select the structures that meet the program timeline and budget.

Principal-in-Charge for 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. 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.

Evangeline KCS Railroad Canal Improvement Project | St. Charles Parish, LA | As Principal-in-Charge, Ms. Evans was responsible for directing appropriate resources as necessary and for overall completion of the project to client specifications and satisfaction. This project consisted of the relocating approximately 1,800 LF of the KCS Canal in Montz, Louisiana. The drainage canal is adjacent to the Kansas City Southern Railroad, and joins another canal that crosses the railroad at a bridge. The width and depth of the original channel were increased to accommodate additional drainage runoff from recent development within the watershed and to match elevations of new cross drains installed in previous projects.

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.

Principal-in-Charge for Demo Basins C-7 and C-8, for the New Orleans Sewerage & Water Board. This project consisted of the design of a new stormwater detention tank system and site development for a proposed power plant. This involved the evaluation of existing facilities to be removed and foundation improvements for future uses. It also

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

involved the design of stop logs and jib cranes foundation connections to existing walkways for future plant maintenance of existing settling basins.

Principal-in-Charge for 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. 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.

Plank Road Pump Stations, Baton Rouge, LA. Ms. Evans served as Project Principal and Supervisor on this project. The project involves replacing five pump stations and upgrading three pump stations. Each station will be working in conjunction with gravity and sewer upgrades in the north gravity basin to help reduce sanitary sewer overflows in the basin that have occurred upstream from the pump stations. Volkert is responsible for completing site design for each pump station site in the Plank Road area to meet City standards and requirements. Site design involves establishing a base line for each site, layout for new driveways, grading and drainage. Layout of yard piping for both force main and gravity sewers was laid out and established. Erosion and sediment control were also designed for each site. Volkert is also providing QA/QC services for the structural, mechanical, and electrical portions of the project.

Principal-in-Charge for Markham-Peachtree Storm Drain Line Improvements for the City of Slidell, LA. Ms. Evans was Project Principal for this project, which consisted of developing a hydrologic & hydraulic study to develop recommendations for the replacement of an existing box culvert on the WP-20 Canal upper drainage basin in the City of Slidell, St. Tammany Parish, Louisiana. A hydraulic model of the WP-20 Canal, and associated structures was created and analyzed using HEC-RAS, and water surface profiles were determined for the 5-, 10-, 25-, 50-, and 100-year return periods. Peak flow information for each of the storm events were also determined using different methodologies that included Win TR-55, USGS Regression equations and LADOTD's HYDRWINT. This information was then used to evaluate any improvements/impacts a larger box culvert would have (primarily a culvert that would allow for the 100-year storm event). The project site is within an existing residential area with limited R.O.W. for the culvert and construction equipment. As part of the study and report, recommendations were made for the proposed culvert size. Recommendations were also made for certain issues that may arise during construction to limit or eliminate issues that may arise due to its location within a residential area

JONATHAN GAMBINO, PE, PTOE, RSP1 | Project Manager/Operations Manager/Client Liaison

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

Demolition of Abandoned C7 & C8 Basins and Other Site Improvements at the Carrollton Water Treatment Plant. Mr. Gambino has served as a Project Engineer for the construction phase of the project. Volkert was tasked with the demolition of C-7 and C-8 while preserving the active stilling basins which are adjacent and part of the existing water purification process. Services included civil, electrical, and mechanical design in addition to the ground water and drainage analysis. Mr. Gambino has facilitated ongoing construction progress meetings on a biweekly basis, reviewed Pay Applications, responded to RFIs, reviewed submittals, and provided forums for discussions between the owner, engineer, and contractor.

West Power Complex and Other Site Improvements at the Carrollton Water Treatment Plant. Volkert is part of the design team responsible for planning and coordination services for the design development of the West Power Complex (WPC) at the Carrollton Water Plant. Mr. Gambino serves as an assistant Project Manager for the project. His roles include facilitating meetings to ensure the project is moving forward and meeting the overall design schedule, providing insight from the previous C7 & C8 Demo project, and coordinating between the Prime and other subs for civil related design issues. The WPC consists of new substation, operations building, and gas turbine equipment and auxiliaries. Volkert civil design responsibilities include site sustainability components such as integrating the existing stormwater detention with a new proposed outfall location for the site drainage. The proposed outfall will integrate into the existing two detention beds and provide an overflow relief in the event of a 500-year rainstorm. The team was also responsible for the site grading and geometric layout of the internal roadways across the site. The site grading included two access ramps, one for normal site access and another for emergency use. The ramps will require local grading/sloping as well as a retaining wall.

4%\$ K [XYb]b [8Yg] b# K] Ua g'6 j X"-bHYfWUb[Yhc JYHfUbg'6 j X"-bHYfWUb[Y" A f"; Ua V]bc gYfj YX'Ug'Dfc'YVW'9b[]bYYf'H'Jg'dfc'YVW]b[c j YX'hY'k [XYb]b ['cZ'4%\$ VYrk YYb'hY'k] Ua g'6ci 'Yj UfX'UbX'JYHfUbg'6ci 'Yj UfX']bHYfWUb[Yg]b'>ZZYfgcb' dUf]g' "'H'Y'hc'U' 'dfc'YVW'Yb[]h'k'Ug%',) 'A]Yg"'H'Y'dfc'YVW'V'bg]h'X'cZV'cbgfi V]b[' cbY'%'&NXX]h]cbU' "UbY'k]h' U'%'&N]bg]XY'g'ci 'XYf'U'cb[' 4%\$ 'YUghVci bX'UbX' k YghVci bX'fcUXk Uhg'k]h' 'a YX]Ub VUff]Yf"'5XX]h]cbU' n'zUb U'i]]Ufm'UbY'k Ug'UXXYX'hc' h'Y'ci hg]XY'cZ'h'Y'YUghVci bX'fcUXk Um'Z'ca 'h'Y'YbhfUbW'UhDck Yf'6ci 'Yj UfX'hc'h'Y'Yi]h' UhJYHfUbg'6ci 'Yj UfX"'5g'U'dUf'hcZ'h'Jg'dfc'YVW'h'Y'Yi]gh]b['Vf]X[Yg'c j Yf'7UbU' 'Bc"' ' UbX'JYHfUbg'6ci 'Yj UfX'k YfY'fYd'UW'X'zUbX'gci bX'VUff]Yfg'k YfY'V'cbgfi V]h'X'cb'h'Y' bcfh'g]XY'cZ'h'Y' 4%\$ k YghVci bX'Vf]X[Yg"'Jc' _Yfhk Ug'fYgdcbg]V'Y'Zcf'h'Y'XYj Y'cda Ybhi UbX'fcUX'XYg] b'zXfU]bU[Y'XYg] b'UbX'fFUZZ]WA UbU[Ya Ybhi'D'Ubg"

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.

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

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.

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

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.

LA 406 Woodland Hwy Stage 1 Environmental Assessment | Plaquemines and Orleans Parishes, LA. Ms. Beckendorf conducted quantity review. The project required the development of the line and grade design for the widening of the roadway from a 2-lane section to a 4 lane divided section. Additional tasks included close coordination with the RPC and the LA DOTD to develop the proposed roadway section. The project involves conducting a Stage 1 EA to document potential environmental concerns associated with the widening of LA 406 from two to four lanes between LA 23 and LA 407. The study corridor for the project included the existing road right-of-way and adjacent areas for approximately 3.8 miles. Volkert provided oversight to subcontractors responsible for cultural resource surveys, environmental, drainage design, and topographic surveys.

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.

Demo Basins C-7 and C-8, for the New Orleans Sewage & Water Board. As a project engineer, she helped develop plans for the upgraded Pump Station and aboveground piping from the basins. This project consisted of the design of a new stormwater detention tank system and site development for a proposed power plant. This involved the evaluation of existing facilities to be removed and foundation improvements for future uses. It also involved the design of stop logs and jib cranes foundation connections to existing walkways for future plant maintenance of existing settling basins.

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

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

ramps will require local grading/sloping as well as a retaining wall.

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 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.

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

Filmore South (Group B -RR043) for the City of New Orleans Department of Public Works in New Orleans, Louisiana – Ms. Beckendorf served as Project Manager and project engineer for the preliminary design phase of the project. Construction has completed on approximately 3,500 linear feet of full pavement replacement of several local streets including significant sections of Cartier Avenue and Owens Boulevard, including all new pavement, sidewalks, ADA handicapped ramps, new water lines, new sewer lines, lining of sewer services laterals, and new drainage lines, as well as incorporation of the outfalls from the adjacent Mirabeau Garden stormwater management and green infrastructure project, and special consideration of pavements near aged oak trees.

Filmore South (Group C -RR044) for the City of New Orleans Department of Public Works in New Orleans, Louisiana – Project Manager for the design phase; Design completed and we are entering the bidding phase for the project and it will consist of approximately 5,400 linear feet full pavement replacement of several local streets including Seville, Granada and Bancroft in the Filmore Group area north of Mirabeau Avenue. This will also include all new pavement, sidewalks, ADA handicapped ramps, new water lines, new sewer lines, lining of sewer services laterals, and new drainage lines, keeping in mind the recommendations of the Mirabeau Gardens stormwater management and green infrastructure project, as well as special consideration of pavements near aged oak trees.

Filmore North (Group D -RR040) for the City of New Orleans Department of Public Works in New Orleans, Louisiana – Project Manager for the design phase; Design is nearing completion and will consist of over 5,000 linear feet full pavement replacement of several local streets including Mithra St., Crescent Dr., Chamberlain Dr and Pratt Dr. This will also include all new pavement, sidewalks, ADA handicapped ramps, new water lines, new sewer lines, lining of sewer services laterals, and new drainage lines, keeping in mind the recommendations of the Mirabeau Gardens stormwater management and green infrastructure project, as well as special consideration of pavements near aged oak trees.



RYAN ORDENEUX, PE | Project Engineer

Mr. Ordeneaux has engineered a variety of projects over his 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

West Power Complex and Other Site Improvements at the Carrollton Water Treatment Plant; New Orleans LA.

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

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.

Montz Drainage Improvements Project and the Evangeline Road at CN Railroad Box Culvert Projects, St. Charles Parish, LA, Mr. Ordeneaux served as Project Manager for this project to improve the drainage in Montz, LA per the Montz Drainage Improvement plan. The Montz Drainage Improvements Project includes the design for jack and bore steel pipes under KCS railroad and the design of a canal or alternative way to convey stormwater to the nearby pumpstation. The Evangeline Road/CN Railroad Project includes the design for box culverts under Evangeline Road at the CN Railroad crossing located within the railroad ROW. Mr. Ordeneaux coordinated with the Master Drainage Plan designer, surveying, and geotechnical engineering for the projects and is overseeing the design, permitting, and construction administration for the proposed drainage improvements as per the drainage plan.

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.

EDUCATION:

B.S., Civil Engineering, 2003

REGISTRATIONS:

Professional Engineer:

- LA PE #39476

TRAINING:

- Traffic Control Technician
- Traffic Control Supervisor

RYAN ORDENEUX, PE

Project Engineer

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.
- **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.



STEPHEN HERATY, PE | Construction Project Manager

Mr. Heraty has been with Volkert since 1998 and is responsible for assisting with engineering services associated with civil and structural engineering projects. Mr. Heraty is a project engineer with many years' experience in servicing the Louisiana DOTD. His experience includes work in design, bridge inspection and construction engineering and inspection.

Project Experience

DPW564 Pontilly Drainage Upgrade PW8145328, K19 – 199, for the City of New Orleans. Project Manager. Volkert provided 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 reduced flood risk and beautified green spaces in the Pontchartrain Park and Gentilly Woods neighborhoods through the construction of green infrastructure strategies. The project combined 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 reduced the burden on the strained drainage system, reduced land subsidence, and improved water quality - all while beautifying the neighborhood.

Markham Peachtree Storm Drainage Upgrades for the City of Slidell. Project Engineer. The first phase of this project consisted of developing a hydrologic & hydraulic study to develop recommendations for the replacement of an existing box culvert on the WP-20 Canal upper drainage basin in the City of Slidell, St. Tammany Parish, Louisiana. A hydraulic model of the WP-20 Canal and associated structures was created and analyzed using HEC-RAS, and water surface profiles were determined for the 5-, 10-, 25-, 50-, and 100-year return periods. The project site is within an existing residential area with limited R.O.W. for the culvert and construction equipment. As part of the study and report, recommendations were made for the proposed culvert size. Recommendations were also made for certain issues that may arise during construction to limit or eliminate challenges that may arise due to its location within a residential area.

LA 23: Belle Chasse Bridge and Tunnel (HBI) Improvements. Sr. Construction Engineer. Mr. Heraty serves as the Sr. Construction and Inspection Engineer for the Owner Verification Team. 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. He is responsible for the Owner Verification Team's (OVTs) construction services and oversight related to the construction process on the PPP project. Mr. Heraty coordinates the OVT effort to verify that the project is being constructed in accordance with the LA DOTD Contract and Specifications. | State Contract No. 4400018899.

Drainage Canal Near Hopedale Route LA 624, St. Bernard Parish, LA. Project Engineer. Volkert was responsible for construction engineering and inspection services for the entire structure, including pile driving, reinforcing steel, and concrete inspection (approach slabs and concrete barrier wall) and inspection of all asphalt operations. Volkert was also responsible for all contract administration duties, including processing change orders and estimates, writing daily reports, and verifying Davis-Bacon compliance. Volkert was also responsible for all contract administration duties, including processing change orders and estimates, writing daily reports, and managing force account records. The Volkert team served as a DOTD Project Engineer's office and managed all aspects of the work in the same manner as an "in-house" project.

Nashville Avenue Terminal Wharf Crain Rail Extension for the Port of New Orleans, New Orleans, LA. Senior Construction Project Manager | The Nashville Avenue Terminal Wharf Crane Rail Extension project will accommodate for the additional wider gauge cranes, and the existing 100' gauge landside crane rail at the Napoleon Avenue Wharf "A" will be extended into the Nashville Avenue Wharf.

EDUCATION:

B.S., Civil Engineering, 1997

REGISTRATIONS:

Professional Engineer:

- LA PE #31272
- MS PE #20361

TRAINING:

- ATSSA Traffic Control Supervisor
- ATSSA Traffic Control Technician
- ATSSA Flagger certifications
- OSHA 30 Construction Safety & Health
- PCI Quality Control Personnel Certification – Level III #15847

STEPHEN HERATY, PE

Construction Project Manager

The crane rail extension will extend upriver from its current termination point through the footprint of Nashville Avenue Warehouse "C" to the downriver wall of Nashville Avenue Warehouse "B", a distance of approximately 1,040 feet. the project responsible for all aspects of this project.

Pipe Pile Inspection at the France Road Terminal, Berths No. 4, 5 and 6 for the Port of New Orleans, New Orleans, LA. Staff Engineer. The project consisted of the inspection and design of repairs to steel pipe piles supporting the crane rails including the above water and under water inspection of 654 steel pipe piles at the main container terminal on the Inner Harbor Navigation Canal. Over 100 severely corroded steel pipe piles required the removal of severely corroded sections and installation of new sections of steel pipe piles. Mr. Heraty was responsible for the hands-on inspection of the steel pipe piles and preparing written reports documenting the damage found.

I-10: French Branch Bridge – West Pearl River Bridge, Routes I-10, I-12, I-59, St. Tammany Parish, LA (LADOTD). Project Engineer. Volkert provided construction contract administration and construction engineering and inspection (CE&I) services for the clearing and grubbing, grading, drainage structures, cold planning asphaltic concrete, Class II Base Course, Super- pave asphaltic concrete pavement, PCC Pavement, lime treatment, and related work located at the junction of Routes I-10, I-12, and I- 59. The project length was 10.736 miles. Mr. Heraty served as Construction and Inspection Engineer for this project.

I-10 from Veterans to Clearview Lane Additions in Jefferson Parish, LA. Project Engineer. Mr. Heraty was responsible for oversight of all construction and administration activities, as well as coordination with all local and state agencies. The project consists of adding lanes to the existing roadway and bridges, drainage structures, grading, cold planning 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.

I-10 from Highland Road to LA 73 Design-Build, East Baton Rouge and Ascension Parishes, LA (LADOTD). Project Engineer. Mr. Heraty serves as the Sr. Construction and Inspection Engineer for the Owner Verification Team. He is responsible for the Owner Verification Team's (OVTs) construction services and oversight related to the construction process on the Design-Build project. Mr. Heraty coordinates the OVT effort to verify that the project is being constructed in accordance with the LADOTD Design-build Contract and Specifications. 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.

I-10 Twin Span Existing Bridge Demolition, Orleans and St. Tammany Parishes, LA (LADOTD). Project Administrator. This project consisted of the removal, breaking up, transporting, and placing of all concrete and embedded reinforcing steel from spans of the I-10 Twin Span Bridge, which was damaged during Hurricane Katrina. The project also consisted of constructing artificial reefs in Lake Pontchartrain. As Project Administrator, he was responsible for all aspects of this project. The new bridge was designed for a 100-year life and built 300 feet to the east of the existing bridge. The bridge has an elevation of 30 feet, 21 feet higher than the existing bridge, with an 80-foot high-rise section near the Slidell side to allow for marine traffic and withstand a much higher storm surge. The 60-foot width of each span included three 12-foot lanes and two 12-foot shoulders on each side. The bridge was designed to include reinforced concrete walls to increase storm surge resistance and minimize the effects of any barge collision. Mr. Heraty served as Construction and Inspection Engineer for this project.



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



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.



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.

EDUCATION:

AS, Drafting & Design
Technology, 1998



CLINTON PATRICK, PE, PLS | Project Engineer

Mr. Patrick has 10 years' experience. His skills include Team & Project Management, Relationship Building, Critical Analysis, Strategic Planning, Delegation, Budgeting, HEC-RAS, Autodesk Storm & Sanitary Sewer Analysis, MicroStation, AutoCAD Civil 3D. His certifications include: Class IV Wastewater Operator (Treatment & Collection).

Project Experience

Bossier Parish Police Jury - Proposed Wastewater Treatment Facility. This project included the construction of a 3 MGD wastewater treatment facility for the Bossier Parish Police Jury including headworks structure, clarifiers, digesters, CSR, lift stations, disinfection facility, effluent force main, etc. The project also included the design of a sewer lift station and approximately 12 miles of force main. Property management and allocation along with ensuring Department of Environmental Quality and Department of Health guidelines were followed for the newly constructed treatment facility and associated lift station.

City of Monroe - Georgia Street Pump Station. Design of a flood pumping station for the City of Monroe to address an area that was identified as a repetitive loss area. The project needed to meet key guidelines to facilitate Louisiana Statewide Flood Control funding while ensuring that the pump station would operate during events of power loss. The project included the pumping station, retention pond for additional flood storage and a backup generator to ensure that the pumping station would be operational during storm events.

I-20 Economic Board - Nutland Road to Lowes I-20 Frontage Road. Part of the design team for a frontage road along I-20 on the southern side connecting the existing Nutland Road to its termination near Garrett Road on the eastern end of the project. The project included road and drainage structures that required the installation of box culverts to cross major drainage structures in the area. The project also required the expansion of the City's water and sewer system. A new water main along with a new gravity sewer main and sewer lift station were required to service the future development along the newly constructed Frontage Road.

Prior to joining Volkert:

City of Bossier - Walter O. Bigsby Carriageway - Phase II. Member of the project management team that oversaw the design and construction of a 5-lane by-pass for the City of Bossier. The project included multiple roundabouts, signal improvements, drainage structures and a superelevated bridge for an above grade railroad crossing. Project management included overseeing the design team for permitting requirements, contract scheduling, design requirements and project funding. Project included a drainage pump station to capture all of the proposed runoff from the project and pump directly to the Red River due to the capacity limitations of the existing DOTD drainage structures along Louisiana Highway 3.

City of Bossier - Airline Drive Rehabilitation. Lead the design team to rehab a portion of an old section of Louisiana Highway 3105 that is now currently a part of the City's street system. The 5 lane section of roadway was deteriorating and in need of rehabilitation. The project included a mill and overlay section with selective pavement patches to address underlying base failures that had occurred over the lifespan of the roadway. The project also included upgrading an existing traffic signal to a flashing yellow operation with upgraded pedestrian signal heads to coordinate within the traffic signal cabinet.

EDUCATION:

B.S., Civil Engineering, 2012

REGISTRATIONS:

Professional Engineer:

- LA PE #40919

TRAINING:

Louisiana Engineering Society
– Secretary/Treasurer –
2023-2024

Louisiana Engineering Society
– State Director – 2021-2023

Louisiana Engineering Society
– Monroe Chapter President –
2018-2019 & 2020-2021



THOMAS BRYMER, PE | Project Engineer

Mr. Brymer joined Volkert in 2019 and has over 11 years of engineering and construction experience. He is experienced in project and construction management; planning/master plan development; and design of water distribution systems, wastewater collection and conveyance systems, and various water and wastewater treatment processes and infrastructure. He also has experience in permitting, bid and award, and construction phase services.

Project Experience

Interceptor Improvements to Lift Station No. 21, for the City of Tuscaloosa, AL.

Project Engineer. Responsibilities: Mr. Brymer served as the lead on the evaluations/assessments and was responsible for the piping and mechanical aspects of the project. **Project Description:** The City of Tuscaloosa's Infrastructure and Public Services department operates and maintains 63 lift stations, 11,629 manholes, and 566 miles of collection system. This project included concept development for upgrade of an existing lift station, including design of an equalization tank to manage peak flow scenarios. Upgrades included provisions for back-up power and access improvements to facilitate maintenance and address safety through modifications to eliminate confine spaces. The scope of this project was to evaluate the existing capacity of Lift Station No. 21, to determine additional capacity requirements for current and future demands, to perform conditional and operational assessments, to provide improvement recommendations, and to provide final design, bid, and construction-phase services. Volkert was responsible for concept development for upgrade of an existing lift station, including design of an equalization tank to manage peak flow scenarios. Volkert also provided capacity evaluation and analyses, developing final report, performing mechanical design, and assisting with bid and construction-phase services.

Sanitary Sewer Collection System Master Plan, Saraland Water & Sewer Service.

Project Manager. Responsibilities: Mr. Brymer conducted an evaluation of the sewer system and developed a report with cost estimates for recommended long and short term improvements to make the system more efficient. **Project Description:** Volkert performed system assessments of each lift station in the system and also coordinated with a flow monitoring company to perform a sanitary sewer system flow study. The lift station assessments included evaluations of the structural, mechanical, and electrical/controls elements of each lift station. Each assessment included condition assessments, recommendations for improvements, and cost estimates. The lift stations were then prioritized based on their condition and criticality. The flow monitoring study was used to prioritize Infiltration/inflow rehabilitation recommendations for each basin. Criteria were developed in order to rank and prioritize the needed improvements in each basin in order to achieve needed I/I reduction to help reduce storm water loading going to the wastewater treatment plant. These recommendations and cost estimates were presented in a format that can be used to develop short term and long-term project plans to reduce I/I and the resulting increased flow rates to the WWTP.

Magnolia Grove Lift Station and Force Main Upgrades for MAWSS. **Project Engineer.** Responsibilities: Mr. Brymer was responsible for the development of construction plans associated with the new lift station. **Project Description:** Volkert provided engineering design for a new lift station and a 4" force main crossing at the Magnolia Grove Golf Course. The project replaces the existing gravity sewer that crosses the Magnolia Grove golf course, due to maintenance issues, with a new lift station and small diameter force main. The project also includes storm water upgrades.

Whiting Aviation Park Phase I, Santa Rosa County, FL. **Project Engineer.** Responsibilities: Mr. Brymer was responsible for piping and mechanical design for this project. **Project Description:** This project included the conceptual and final design; development of technical specifications; and permitting, bid and award, and construction phase services for the new installation of approximately 7,000 LF of gravity sewer; 1,500 LF of sewer force main; 17,000 LF of water main; two water booster stations; two aboveground water storage tanks; and one sewer lift station to support an industrial development adjacent to NAS Whiting Field.

EDUCATION:

MS, Systems Engineering, Kennesaw State University, 2018

BS, Civil Engineering, University of South Alabama, 2016

AS, Arts/Pre-Engineering, MS Gulf Coast Community College, 2013

REGISTRATIONS:

Professional Engineer:

- LA PE #45901
- AL PE #39287
- FL PE #90078
- GA PE # 46307

TRAINING:

- NASSCO PACP, MACP, LACP #U-0118-070300242
- ACI Concrete Field Testing Technician-Grade I #01349554

THOMAS BRYMER, PE

Project Engineer

Eastern Area MSW Landfill Unit 2 - City of Birmingham, Alabama. The project includes designing a 15 acre landfill unit and approximately 6,600 LF of leachate pumping and collection system.

Lift Station No. 3 Motor Control Upgrades and Bypass Pipe Installation - City of Tuscaloosa, Alabama. The project includes performing a system assessment and evaluation of existing and future Lift Station No. 3 pumping capacities and determine Basis of Design Report.

Hilliard Fletcher WWTP Digester System Phase II in Tuscaloosa, Alabama, for the City of Tuscaloosa. The project includes designing and developing technical specifications for boiler and digester bio-gas conditioning systems as a part of a multi-phase digester improvements project.



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 the relocation of Plank Road on a new alignment. This project is to relocate Plank Road along a new alignment. The project includes ROW acquisition and all the design for a new 4 lane highway with J-turns. It also includes ROW acquisition and all the design for additional lanes along Harding and Hooper Road. It also includes a new lighting system and new signalized intersection.

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.