

JEFFERSON PARISH, LOUISIANA

PROVIDE COASTAL ENGINEERING CONSULTING SERVICES AS-NEEDED

SOQ No. 24-020



VOLKERT



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



July 16, 2024

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

RE: STATEMENT OF QUALIFICATIONS TO PROVIDE COASTAL ENGINEERING CONSULTING SERVICES AS-NEEDED PARISH-WIDE; SOQ NO. 24-020; RESOLUTION NO. 144205

Dear Selection Committee:

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

Within Volkert's 99-year history, Volkert has developed a pedigree as a multi-discipline engineering and environmental firm, providing services to state and federal agencies, local and municipal governments and private industry clients throughout Louisiana.

Volkert has assembled a team of qualified professionals and firms who have extensive experience in environmental studies, reports, and projects in Louisiana and along the Gulf Coast. Volkert has led environmental studies and assessments for coastal projects with budgets nearing as much as one billion dollars. Our firm has extensive experience managing large, comprehensive, multi-disciplinary teams with the ability to respond to the full variety of services as-needed by the Parish.

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.

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

Janet L. Evans, PE, MBA
Vice President

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

Coastal Engineering Consulting Services As-Needed Parish Wide
Resolution No. 144205

B. Firm Name & Address:

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

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

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

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

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

Steven Armstrong, PE
LA PE # 04405
Coastal Engineer
(985) 231-6501
steven.armstrong@volkert.com
1580 W. Causeway Approach, Ste 4
Mandeville, Louisiana 70471

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

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

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

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

TEC Professional Services Questionnaire

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

1.
N/A

2.
N/A

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

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

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

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

0 _____

TEC Professional Services Questionnaire

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

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Janet L. Evans, PE, MBA
Vice President

Project Assignment:

Principal in Charge

Name of Firm with which associated:

Volkert, Inc.

Years' experience with this Firm:

16

Education: Degree(s)/Year/Specialization:

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

Active registration: Year first registered/discipline:

LA PE #21307, 1984, Civil

Other experience and qualifications relevant to the proposed Project:

Ms. Evans has over 42 years of civil design, project management, and QA/QC experience gained in Louisiana on projects which range in construction cost from \$300,000 to \$150,000,000. Her experience also includes heavy civil projects and alternative project delivery methods. Her Alternative Project Delivery experience has been gained from both the design/construction side and from the owner representative side and includes design-build and Construction Management At Risk (CMAR). She has been involved in all stages of project development from inception, planning, and environmental clearance, through permitting, design, procurement and construction. This experience includes project closeout and acceptance and includes projects funded by state, local and federal funds including CBDG. As project principal, Ms. Evans level of understanding and involvement will allow her to understand Task Orders Assigned, review and aid in the preparation of reasonable scopes and fees, monitor the work schedule and offer preemptive modifications as required to keep tasks on schedule and within budget. Her extensive project history in the State of Louisiana has aided in the networking of agencies and stakeholders involved as needed for the completion of successful high profile major projects.

She has served as Principal In Charge on the following projects:

- Engineering Services for the Lake Wall Calcasieu Ship Channel Salinity, for the Coastal Protection and Restoration Authority (CPRA)
- JP Integrated Stormwater Management Program; Jefferson Parish, LA
- Mandeville Shoreline Restoration; Miscellaneous Counties, LA
- Amite Diversion Weir Rehabilitation, for the Pontchartrain Levee District Board of Commissioners; Ascension Parish, LA
- Almonaster Avenue Bridge over the Inner Harbor Navigational Canal; New Orleans, LA
- Muddy Creek Floodplain Improvements; Ascension Parish, LA
- Grand Isle Barrier Shoreline Stabilization; Grand Isle, LA
- Soniat Canal Improvements (a SELA project); Jefferson Parish, LA

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Jonathan Gambino, PE, PTOE, RSP1 Project Manager/Operations Manager
Project Assignment:
Project Manager - Operations Manager
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
4
Education: Degree(s)/Year/Specialization:
BS, 2012, Civil Engineering
Active registration: Year first registered/discipline:
LA PE #41496, 2017, Civil Engineering PTOE # 4433, 2018 RSP1 # 587, 2022
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:
Steven Armstrong, PE Coastal Engineer
Project Assignment:
Coastal Engineer
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
2
Education: Degree(s)/Year/Specialization:
MS, 2021, Civil Engineering BS, 2015, Civil Engineering Graduate Certificate in Coastal Engineering, 2018 Graduate Certificate in Coastal Sciences, 2018
Active registration: Year first registered/discipline:
LA PE #04405, 2020, Civil FAA Remote Pilot, No. 4162104 Certified Bridge Inspector, Florida No. 00587-CBI Status current through 2024 Specialized Rope Access Technician, Level I No. 190893 ADCI Surface-Supplied Air Diver No. 54875 DCBC Restricted Surface Supplied Air Diver No. 20160862
Other experience and qualifications relevant to the proposed Project:
Mr. Armstrong is a civil and environmental engineering graduate of the University of New Orleans and a resident of Mandeville, Louisiana. He previously worked with the Louisiana Coastal Protection & Restoration Authority (CPRA) (2012-2015) and Moffatt & Nichol (M&N) (2014-2022) before joining Volkert. Through his course work and professional experience, Mr. Armstrong has a strong background in the construction oversight of coastal and ecological construction projects, proposal writing and budget creation, project management, safety inspection of bridges, bridge load ratings, and a wide variety of infrastructure assessments. He has particular expertise in the structural inspection of overhead ancillary sign structures; submerged structural inspections of infrastructure including bridges, wharves, weirs, rock dikes/jetties, concrete and timber foundations; and high-resolution acoustic imaging of underwater structures. Mr. Armstrong is part of a highly qualified group of teams that regularly accomplish the most challenging projects to mitigate problems and discover solutions. His studies at the University of New Orleans emphasized coastal, hydraulic, environmental, and structural engineering principles.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Luke LeBas, PE Civil Engineer
Project Assignment:
Project Engineer
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
2
Education: Degree(s)/Year/Specialization:
BS, 1993, Civil Engineering
Active registration: Year first registered/discipline:
LA PE #28214, 1999, Civil
Other experience and qualifications relevant to the proposed Project:
Mr. Le Bas joined Volkert in 2022. Mr. Le Bas' over 30 years of experience spans both the private and public sectors. As such, he understands client needs, business requirements and continuity, organizational challenges, and policies that impact programs, implementation, and stakeholder expectations. This diverse skill set was achieved from growing, adapting, and accepting challenging stretch assignments while maintaining core values and open communication with business associates and clients. During his career, Mr. Le Bas' leadership style has evolved into a servant leader who effectively supports, guides, and mentor's staff to achieve mutual success with both individual and team accountability.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Sabrina Welch, PE (<i>MS Licensed PE</i>) Civil Engineer
Project Assignment:
Project Engineer
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
3
Education: Degree(s)/Year/Specialization:
MS, 2019, Civil Engineering BS, 2016, Civil Engineering
Active registration: Year first registered/discipline:
MS PE #34144, 2023, Civil
Other experience and qualifications relevant to the proposed Project:
Ms. Welch is a civil engineer who has gained invaluable industry experience over the past 3 years in Roadway and Hydraulic design & modeling, Construction Administration, and CE&I services.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Gabriel Rice, EI Engineer Intern
Project Assignment:
Engineer Intern
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
1
Education: Degree(s)/Year/Specialization:
BS, 2022, Civil Engineering
Active registration: Year first registered/discipline:
LA EI #35152, 2022, Civil
Other experience and qualifications relevant to the proposed Project:
Mr. Rice brings over two years of hands-on experience in water resources and bridge design and provides support on bridge inspection, bridge design, and program management, underpinned by a strong educational foundation with a B.S. in Civil Engineering from Louisiana State University. As Communications Chair for the Louisiana Engineering Society (LES) Chapter in Baton Rouge, Mr. Rice enhanced community engagement and contributed to the field's progress. This role aligns with Mr. Rice's passion for engineering and continuous learning. Mr. Rice was named Young Engineer of the Year in 2024 which underscores his commitment to excellence and professional development in civil engineering.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Jason Goffinet, REPA Environmental Project Manager
Project Assignment:
Environmental Project Manager
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
19
Education: Degree(s)/Year/Specialization:
BS, 1995, Environmental Science BS, 1995, Biology
Active registration: Year first registered/discipline:
Registered Environmental Property Assessor, 2007
Other experience and qualifications relevant to the proposed Project:
<p>Mr. Goffinet has over 29 years of experience in preparing environmental documents including EISs, EAs, CEs, and corridor/feasibility studies for transportation projects in accordance with the National Environmental Policy Act of 1969 (NEPA) (42 U.S.C. 4321 et. seq.). His experience encompasses all stages of project development beginning with the development of the concept, preparation of the need and purpose statement, justification of the termini and continuing through the agency coordination, community outreach and public involvement process, preparation of the NEPA document and subsequent re-evaluations and preparation of construction permits. He has written NEPA documents that address a multitude of complex issues including community, socio-economic and demographic impacts, impacts to resources protected under Section 4(f) (publicly owned parks, wildlife refuges, historical sites), Section 6(f) (lands acquired with Land and Water Conservation Act funds), Section 106 (historic resources), Section 7 (protected species), Section 404 (waters of the US including wetlands), EO 12898 (Environmental Justice), FHWA's EJ Order 6640.23A, DOT's EJ Order 5610.2(a), and EO 13166 (Limited English Proficiency). Mr. Goffinet has also written numerous technical reports including EJ community impact assessments and indirect and cumulative impact assessments and has performed air quality assessments and complex noise analyses using the latest models. He has served as a Senior Project Planner and Environmental Project Manager with responsibility for coordinating and preparing environmental documents for federal, state, municipal, and private sector projects. He has managed NEPA documents and provided community outreach/public involvement services in the multiple states.</p>

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Paige Felts, CEPSC Environmental Scientist
Project Assignment:
Environmental Scientist
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
21
Education: Degree(s)/Year/Specialization:
BS, 2002, Civil Engineering BS, 1998, Environmental Science
Active registration: Year first registered/discipline:
Certified Erosion Prevention and Sediment Control Inspector #8687, 2017 FDEP Stormwater Management Inspector #28594, 2013
Other experience and qualifications relevant to the proposed Project:
Ms. Felts has been with Volkert since 2003 and has 23 years of environmental experience. Her environmental project experience includes environmental permitting, coordination with state and federal regulatory agencies, identifying and delineating wetlands, defining alternatives for avoiding and minimizing impacts to wetland areas, wetland mitigation, submerged aquatic vegetation (SAV) surveys, Phase I Environmental Site assessments (ESA), developing Best Management Practices (BMP) Plans, and threatened and endangered species.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Annelise Dodd, PE, CFM (<i>AL Licensed PE</i>) Civil Engineer/Environmental
Project Assignment:
Project Engineer/Environmental
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
5
Education: Degree(s)/Year/Specialization:
BS, 2017, Biosystems Engineering
Active registration: Year first registered/discipline:
AL PE #40376, Civil Certified Floodplain Manager #US-19-10844
Other experience and qualifications relevant to the proposed Project:
Ms. Dodd joined Volkert in 2020. She serves as an Engineer for the Environmental Department with experience in stream restoration, hydraulic studies for letters of map revision, hydrological assessments, mitigation, bank management, and landfill permitting. In addition, Annelise is proficient in performing Phase I Environmental Site Assessments. Her experience includes hydraulic and hydrologic modeling, stream assessments/restoration/mitigation, wetland mitigation and development of NEPA documentation.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Randy Denmon, PE, PLS Civil Engineer/Surveyor
Project Assignment:
Project Engineer/Surveyor
Name of Firm with which associated:
Volkert, Inc.
Years' experience with this Firm:
33
Education: Degree(s)/Year/Specialization:
MS, 1996, Civil Engineering BS, 1991, Mathematics
Active registration: Year first registered/discipline:
LA PE #29390, 2001, Civil LA PLS #4798, 1996, Surveying
Other experience and qualifications relevant to the proposed Project:
Mr. Denmon has over 33 years' experience in civil engineering/construction management and land surveying, primarily as a Public Works and Flood Control Engineer. Mr. Denmon is a registered Civil Engineer and Surveyor in the State of Louisiana. Mr. Denmon has vast experience working on Water Resource, Flood Control, and Transportation projects, and well as Surveying. His experience includes: hydraulic design, construction management, analysis of water supply structures, watershed and stream modeling, and flood mapping. In his career, Mr. Denmon has been the lead engineer in flood mapping or stream modeling projects on over 50 major, named watersheds in Louisiana for such clients as: La. Department of Transportation, and other State Agencies, Watershed and Lake Districts, and many local governments. He has also managed dozens of roadway projects for the DOTD and local governments. He is a certified LADOTD Project Manager. Mr. Denmon has extensive experience with Microstation, AutoCAD, Intergraph, and Bentley computer aided design applications, and the US Army Corps of Engineers' HEC-RAS and HMS hydrologic modeling programs.

TEC Professional Services Questionnaire

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

TEC Professional Services Questionnaire

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

PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Tchefuncte Marsh Shoreline Protection (West Mandeville Shoreline Protection Project)</p> <p>City of Mandeville, LA</p> <p>David LeBreton, JR, PE, PTOE, PTP0, of Digital Engineering; Project Manager Phone: 50468129 e-mail: dlebreton@deii.net</p>	<p>Due to natural coastal process eroding Tchefuncte Marsh Shoreline at 10 feet a year and the thinking of the sand bank around the area has accelerated loss of unprotected marsh shoreline over the years. The goal of the project is to provide shoreline protection and restore an eroding marsh along approximately 19,500 feet of shoreline by developing a 30% Design package that meet requirements of the Louisiana Coastal Protection and Restoration Authority (CPRA). This project is for the development of 2.8 mile breakwater and marsh creation in order to stabilize the shoreline. A 15,000 – linear foot rock dike will be constructed and marsh fill area will be created east of the mouth of the Tchefuncte River in St. Tammany Parish.</p> <p>Volkert was responsible for modeling (wave modeling/shoreline assessment), engineering design, permitting and development of construction documents and cost estimates. Plans and specifications will include breakwater design, marsh creation design, and identification of borrow pit locations. All design will be in accordance with the Louisiana Coastal Protection and Restoration Authority (CPRA) specifications and requirements. Geotechnical and surveying services will be provided by a subconsultant to Volkert.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
Ongoing	\$12,000,000	\$443,665.0k

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Bon Secour Watershed Management Plan Baldwin County, Alabama</p> <p>Mobile Bay National Estuary Program</p> <p>Christian Miller 251.861.2141</p>	<p>Water Quality - Identifying actions to reduce point and non-point source pollution (including stormwater runoff and associated trash, nutrients, pathogens, erosion and sedimentation) and remediate past effects of environmental degradation thereby reducing outgoing pollutant loads Fish - Identifying actions to reduce the incidence and impacts of invasive flora and fauna and improve habitats necessary to support healthy populations of fish and shellfish; Environmental health and resiliency - Identifying vulnerabilities in the watershed from increased sea level rise, storm surge, temperature increases and precipitation and improve watershed resiliency through adaptation strategies; Access- Characterizing existing opportunities for public access, recreation, and eco-tourism and identify potential sites to expand access to open spaces and waters within the watershed; Culture and Heritage- Characterizing customary uses of biological resources and identify actions to preserve culture, heritage and traditional ecological knowledge of the watershed; and Shorelines- Assessing shoreline conditions and identify strategic areas for shoreline stabilization and fishery enhancements.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
11/2016	N/A	\$335.0k

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
<p>Gulf State Park Conservation, Recovery and Enhancement Deepwater Horizon Natural Resource Damage Projects</p> <p>Gulf Shores, AL</p> <p>ADCNR, Will Brantley 334.242.3482</p>	<p>Volkert was responsible for overseeing all environmental activities in-cluding: completion of a cultural resource survey and coordination with the AL SHPO for trail enhancements; wetland delineations and permit-ting for wetland impacts with the USACE; Coordination with the USCG regarding existing and proposed bridges over Lake Shelby and Middle Lake; and obtaining a coastal consistency permit from the ADEM for the activities proposed within the Coastal Zone.</p>	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
03/2012	N/A	\$1,200.0k

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Amite River Diversion Canal Weir Rehabilitation</p> <p>East Baton Rouge, Livingston and Ascension Parishes, LA</p> <p>Ponchartrain Levee Board of Commissioners</p> <p>Steve Wilson 225.869.9721</p>	<p>Volkert was contracted to perform professional engineering services and to prepare construction documents, including construction drawings, specifications, and project cost estimates. Volkert is also responsible for preparing base mapping and preliminary plans. Volkert will prepare the necessary LA DNR Coastal Use Permit and the USACE Section 10 and 404 Permit applications and perform the necessary permit tracking from both agencies. Volkert will identify funding sources to assist PLD and ARBDWCD to obtain sufficient funds for construction of the project.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
08/2016	N/A	\$130.0k

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Crescent Lake Dam Restoration Project</p> <p>Escambia County, Alabama</p> <p>Escambia County Commission Jeremy King 850.595.3453</p>	<p>Volkert has conducted water management studies of Crescent Lake and surrounding sources of inflows including storm water detention by neighboring communities using the existing Escambia County ICPR Model and FEMA HEC-2 model of the drainage basin. Volkert also pro-vided complete dam restoration plans, surveying, geotechnical investi- gations, environmental services, hydrologic and hydraulic modeling of the lake and inflow areas, sizing and operation of outflow structures, operation and maintenance of the dams and associated appurtenanc-es, permitting, sediment impact assessment and removal plan, bidding assistance, real estate acquisition assistance, and CEI services. The project is funded through the NRCS EWP program, which requires ad-ditional coordination with the NRCS throughout the project and a very aggressive design and construction schedule.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
10/2015	N/A	\$205.0k

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Inner Harbor Navigation Channel (IHNC) North and South Flood-walls New Orleans, LA</p> <p>USACE (Traylor-Massman-Weeks, LLC)</p> <p>Wayne Jones 812.477.1542</p>	<p>Traylor-Massman-Weeks contracted Volkert to conduct quality control during the construction phase. Volkert served as a subconsultant to TMW and was responsible for Quality Control for the floodwall sub-con-tract. Volkert's specific responsibilities included the inspection and documentation for Pile Driving, Electronic Pile Driving Analysis (PDA), Reinforcing Steel, Concrete Field Testing, Concrete Placements, Jet Grouting, Post Tensioning, and Permanent Materials Tracking. The floodwall is approximately 8,000 feet long. It consists of 1,271- 66" Diameter Concrete cylinder piles driven 3-6 Inches apart with 2,594 – 18 inch Square Concrete closure piles filling the gaps in between. The wall is braced by 645 36-inch diameter steel cylinder piles driven on a 1:1.5 Batter. An estimated 62,000 cubic yards of concrete will be required to complete the structure, which will include a service roadway 12 feet wide on top of the piling. The final height of the floodwall will be 25 feet above Mean Sea Level.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2012	\$343,400	\$10,700

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Canal Restoration, Dauphin Island, AL Town of Dauphin Island, AL 1011 Bienville Blvd. Dauphin Island, AL 36528 Wanda Sandadger 251.861.5525	Volkert provided beneficial use of dredged material by placing sand back in littoral drift system. Volkert provided turn-key project management, engineering, and construction management services for the canal restoration including all environmental and permitting services required to complete the canal restoration project. This included obtaining section 10/404 permits; survey services including hydrographic surveys; plans, specifications and cost estimates; public outreach; advertising and awarding the construction contract; CEI services and as-built drawings and project closeout documentation.	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
03/2008	\$2.1M	\$34,000

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Integrated Stormwater Management Plan; Jefferson Parish, LA Jefferson Parish, LA Juliette Cassagne 504-736-6337	<p>The Coastal Protection and Restoration Authority (CPRA) required comprehensive design services for the CS-0065-1065. A Lake Wall, which is a part of the Calcasieu Ship Channel Salinity Control Measures Project (hereinafter Project) is to be approximately 5 miles. This was a two phased project. Phase I consisted of review of available data and documentation related to the Lake Wall. Phase II involved execution of the work plan developed during Phase I. The goal of the Project was to limit the intrusion of saline water and thereby reduce the rate of wetland loss.</p> <p>The Project was a component of a large-scale hydro logic restoration project located in southwestern Louisiana near the town of Cameron. The project was funded through the RESTORE Act, which resulted from the Deepwater Horizon settlement. As part of this task order contract, Volkert's services included project management, topographic, bathymetric, and magnetometer surveys; geotechnical data collection and engineering; data collection and reporting in support of regulatory compliance; notification to landowners of activities to occur within the area of interest; and design of earthen, rock, concrete and/or sheet pile sills and walls, and shoreline erosion protection features.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
12/31/2021	N/A	\$125,976

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Pensacola Living Shoreline Restoration Project</p> <p>Escambia County Commission 314 Belleville Avenue Brewton, AL 36426</p> <p>Matt Posner 850-595-0820</p>	<p>Funded by the Gulf Coast Ecosystem Restoration Council's Council-Selected Restoration Component, the Pensacola Bay Living Shoreline project was a multi-phase living shoreline project, which included breakwater and emergent marsh and submerged aquatic vegetation (SAV) habitat at three sites in Escambia County, Florida. The project included activities in two FPL categories. Category 1 activities provided funding for planning, engineering, design, environmental compliance, and permitting for three sites, which include approximately 15,570 linear feet of shoreline and 205 acres of emergent marsh and submerged aquatic vegetation (SAV) habitat.</p> <p>Volkert provided engineering and design services for the project, as well as regulatory compliance and project grant support.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	N/A	\$651,583

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Coastal Protection and Restoration Authority (CPRA) Lake Wall Calcasieu Ship Channel Salinity Barrier</p> <p>150 Terrace Avenue Baton Rouge, LA 7080</p> <p>Jerry Carroll 225.342.1346</p>	<p>The CPRA tasked Volkert with development of comprehensive design services for a 5-mile Lake Wall, which is a part of the Calcasieu Ship Channel Salinity Control Measures Project (CS-0065-1065). This is a two phased project. Phase I consists of review of available data and documentation related to the Lake Wall. Phase II involves execution of the work plan developed during Phase I.</p> <p>The goal of the Project is to limit the intrusion of saline water and thereby reduce the rate of wetland loss. The Project is a component of a large-scale hydro logic restoration project located in southwestern Louisiana near the town of Cameron. The project is funded through the RESTORE Act, which resulted from the Deepwater Horizon settlement. As part of this task order contract, Volkert's services include project management, topographic, bathymetric, and magnetometer surveys; geotechnical data collection and engineering; data collection and reporting in support of regulatory compliance; notification to landowners of activities to occur within the area of interest; and design of earthen, rock, concrete and/ or sheet pile sills and walls, and shoreline erosion protection features. This is part of a task order contract through 2020.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2020	N/A	\$850,000

TEC Professional Services Questionnaire

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

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

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

Volkert is a full-service, multi-disciplinary engineering, planning and environmental services firm with a long and successful history in support of public and private sector clients. Volkert is recognized as an industry leader for delivering innovative solutions for infrastructure and facility challenges. Our professionals demonstrate a commitment to exceeding client expectations by providing exceptional engineering expertise for projects of all sizes and complexities.

Volkert's Environmental staff has over 100 years of combined experience in environmental science from federal, state and local agencies. Our team includes Professional Wetland Scientists, Biologists & Ecologists with extensive experience securing Letters of Permission, General, Nationwide and Individual permits with USACE Districts, State Water Management Districts and State Departments of Environmental Quality. Services include NEPA compliance (We have completed over 115 NEPA documents.), alternative analysis, mitigation plans, on-site mitigation and mitigation banking, Clean Water Act (Sec. 404) compliance and Rivers and Harbors Act (Sec. 10) compliance as applicable to each permit.

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

Signature:  Print Name: Janet L. Evans, PE, MBA

Title: Vice President Date: July 16, 2024



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

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

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)

Project Experience

Engineering Services for the Lake Wall Calcasieu Ship Channel Salinity, for the Coastal Protection and Restoration Authority (CPRA). Ms. Evans served as Principal-in-Charge The Coastal Protection and Restoration Authority (CPRA) requires comprehensive design services for the CS-0065-1065. A Lake Wall, which is a part of the Calcasieu Ship Channel Salinity Control Measures Project (hereinafter Project) is expected to be approximately 5 miles. This is a two phased project. Phase I consists of review of available data and documentation related to the Lake Wall. Phase II involved execution of the work plan developed during Phase I. The goal of the Project is to limit the intrusion of saline water and thereby reduce the rate of wetland loss. The project is a component of a large-scale hydro logic restoration project located in southwestern Louisiana near the town of Cameron. The project is funded through the RESTORE Act, which resulted from the Deepwater Horizon settlement. As part of this task order contract, Volkert's services include project management, topographic, bathymetric, and magnetometer surveys; geotechnical data collection and engineering; data collection and reporting in support of regulatory compliance; notification to landowners of activities to occur within the area of interest; and design of earthen, rock, concrete and/or sheet pile sills and walls, and shoreline erosion protection features.

Amite Diversion Weir Rehabilitation, for the Pontchartrain Levee District Board of Commissioners. Ms. Evans served as Principal-in-Charge. This project consists of implementing the recommendations of the Amite River Diversion Canal Weir Study to rehabilitate the weir. Volkert was contracted to perform professional engineering services and to prepare construction documents, including construction drawings, specifications, and project cost estimates. Volkert is also responsible for preparing base mapping and preliminary plans. Volkert will prepare the necessary LA DNR Coastal Use Permit and the USACE Section 10 and 404 Permit applications and perform the necessary permit tracking from both agencies. Volkert will identify funding sources to assist PLD and ARBDWCD to obtain sufficient funds for construction of the project.

East St. Avide at De La Ronde Canal Crossing Replacements for the St. Bernard Parish. Ms. Evans served as Principal-in-Charge. The project consisted of the replacement of the canal crossings at East St. Avide St. at De La Ronde Canal in Chalmette, Louisiana to meet current codes and standards, including HMGP measures. The crossing was damaged during Hurricane Katrina, and in 2010 it was determined that the site would require a reassessment of the crossing. Volkert's scope of services consisted of providing engineering services to St. Bernard Parish Government for repairs and restoration of the canal crossing to its pre-Katrina condition while preserving the historical value of the structure. Volkert was responsible for identifying storm-related damages, at a minimum, and replacing damaged systems and components or developing a cost-effective alternative based on best engineering practices and/or construction means and methods to the extent possible while designing to current codes and industry standards on replacements.

JANET L. EVANS, PE, MBA

Principal-in-Charge

Environmental Assessment for Extension of Runway in Slidell Municipal Airport, Slidell, Louisiana. Ms. Evans is serving as Principal-in-Charge for the preparation of EA for proposed 942 ft extension of existing runway and clearance of 114 acres of forested land; client coordination, agency coordination and sub-consultant management; scheduling and project management. EA was completed and approved within the time frame required by the client.

Chalmette Slip Design, St. Bernard Parish, LA. Ms. Evans served as Principal-in-Charge for this project. Volkert provided the design and construction phase services for the reconstruction of Chalmette Slip in accordance with the Tiger Grant obtained by the Port. As part of this project, Section A and F the last two original wharf sections will be reconstructed. Section A has already partially collapsed. Section F is in extremely poor condition and in need of replacement as well. Section A will require a rebuild and Section F will require stabilization and improvements to keep it from failing. The slip must remain functional as a single terminal composed of six wharves that maximize operational safety, cargo handling efficiency and capacity as well as on-dock rail capacity.

Bayou Barataria Bridge in Jean Lafitte, Jefferson Parish, Louisiana, (LADOTD). Ms. Evans was responsible for the complete corridor study and environmental documentation including line and grade studies for alternate development, public involvement, determination of impacts, costs and alternate evaluations, environmental studies and document preparation. Volkert was responsible for conducting a location feasibility study and preparing an Environmental Impact Statement (EIS) in order to obtain environmental clearance for the replacement of the Bayou Barataria Bridge. The existing bridge is a 204-foot-long steel-truss-bridge that pivots on a pier located near the center of the waterway. The study for the location of a replacement bridge extended from 1 mile north to 5 miles south of the existing bridge and included all of the tasks required for completing the EIS in accordance with the requirements of the Federal Highway Administration (FHWA) and the Louisiana DOTD. Volkert also provided oversight and support to consultants responsible for contamination assessments, cultural and archeological surveys and documentation, and performed engineering-based studies to determine the optimum location, configuration, and vertical clearance required for the replacement bridge. The Barataria-Terrebonne Estuary drainage has been declared a system of national importance and designated a National Estuary.

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

Mr. Gambino joined Volkert in 2020 and has 11 years of experience developing civil and traffic engineering plans, specifications, and studies. This includes identifying and adhering to applicable state policies and procedures for project plan development. His experience includes the use of MicroStation, InRoads, AASHTOWare Project, VISSIM, Vistro, Synchro plus SimTraffic, Sidra Intersection, HCS, Tru-Traffic, AutoCAD, ACAD Civil 3D, CORSIM, TEAPAC, and TS/PP Draft programs. He is an ITE PTOE (#4433) and has obtained his ATSSA Flagger certification. LADOTD Traffic Training Complete. Mr. Gambino has TxDOT and the City of Austin experience through the CapEx North Project.

Project Experience

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.

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

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

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.



STEVEN ARMSTRONG, PE | Project Engineer

Mr. Armstrong is a civil and environmental engineering graduate of the University of New Orleans and a resident of Mandeville, Louisiana. He previously worked with the Louisiana Coastal Protection & Restoration Authority (CPRA) (2012-2015) and Moffatt & Nichol (M&N) (2014-2022) before joining Volkert. Through his course work and professional experience, Mr. Armstrong has a strong background in the construction oversight of coastal and ecological construction projects, proposal writing and budget creation, project management, safety inspection of bridges, bridge load ratings, and a wide variety of infrastructure assessments. He has particular expertise in the structural inspection of overhead ancillary sign structures; submerged structural inspections of infrastructure including bridges, wharves, weirs, rock dikes/jetties, concrete and timber foundations; and high-resolution acoustic imaging of underwater structures. Mr. Armstrong is part of a highly qualified group of teams that regularly accomplish the most challenging projects to mitigate problems and discover solutions. His studies at the University of New Orleans emphasized coastal, hydraulic, environmental, and structural engineering principles. In his free time, he enjoys hiking, fishing, spending time with family, cooking, darts, diving, and woodworking.

EDUCATION:

MS, Civil Engineering, 2021

BS, Civil Engineering, 2015

Graduate Certificate in
Coastal Engineering, 2018

Graduate Certificate in
Coastal Sciences, 2018

Minnesota Commercial Diver
Training Center, 2016

REGISTRATIONS:

Professional Engineer:

- LA PE #44405
- MS PE # 33015
- KY PE #37773
- AR PE #21366
- FAA Remote Pilot, No. 4162104
- Certified Bridge Inspector, Florida No. 00587-CBI Status current through 2024

CERTIFICATIONS:

- Specialized Rope Access Technician, Level I No. 190893
- ADCI Surface-Supplied Air Diver No. 54875
- DCBC Restricted Surface Supplied Air Diver No. 20160862

Project Experience

Tchefuncte Marsh Shoreline Protection (West Mandeville Shoreline Protection Project). Due to natural coastal process eroding Tchefuncte Marsh Shoreline at 10 feet a year and the thinking of the sand bank around the area has accelerated loss of unprotected marsh shoreline over the years. The goal of the project is to provide shoreline protection and restore an eroding marsh along approximately 19,500 feet of shoreline by developing a 30% Design package that meet requirements of the Louisiana Coastal Protection and Restoration Authority (CPRA). This project is for the development of 2.8-mile breakwater and marsh creation in order to stabilize the shoreline. A 15,000 – linear foot rock dike will be constructed, and marsh fill area will be created east of the mouth of the Tchefuncte River in St. Tammany Parish. Volkert was responsible for modeling (wave modeling/shoreline assessment), engineering design, permitting and development of construction documents and cost estimates. Three alternative designs with plans and specifications have been created that will include breakwater design, marsh creation design, and identification of borrow pit locations. All design will be in accordance with the Louisiana Coastal Protection and Restoration Authority (CPRA) specifications and requirements. Geotechnical and surveying services have been provided by a subconsultant to Volkert. Mr. Armstrong serves as the Project Manager and Engineer for this project.

City of Shreveport, Department of Water and Sewerage, Louisiana; Task 1: Improvements and Repairs to Cross Lake Dam & Spillway. Volkert has an on-call engineering design contract with the City. Mr. Armstrong is one of the engineers and team members tasked with the inspection and evaluation of an existing spillway gate structure. Tasks include analysis of the gate in STAAD where Mr. Armstrong performed the analysis check, recommendations for repair or replacement of the gate and all engineering related services. This was part of a larger overall report written by Mr. Armstrong and others that will be used for a FEMA grant to provide funding for E&D and construction.

Coastal Protection and Restoration Authority (CPRA), General Engineering Services for CPRA Projects, Louisiana. Volkert had an IDIQ Contract for general engineering and related services required to implement the projects provided for in the CPRA's Master Plan and Annual Plan. Task 3: Grand Bayou Ridge Restoration Project (BA-0256), Plaquemines Parish, Louisiana. Project Manager for the implementation and design of this project tasked to restore approximately 30,500 linear feet of forested ridge habitat, and the backfilling/closing of two existing canals. The project is funded for engineering through a grant issued by the National Fish and Wildlife Foundation (NFWF). The project is currently in the initial phases of data gathering.

Coastal Protection and Restoration Authority (CPRA), Grand Bayou Canal Backfilling and Ridge Restoration Project, Louisiana. Project specific contract to continue project from CPRA IDIQ contract that ended 12/2022. Mr. Armstrong is the project manager

STEVEN ARMSTRONG, PE

Project Engineer

and Engineer of Record for this project. The objective is to provide data collection, data inventory and needs assessment, and preliminary design for the 30,000-LF of ridge restoration along Bayou Grande Cheniere in Plaquemines Parish, Louisiana. The project also consist of designing two canal closure structures to seal off two oil and gas well canals. Funding is provided through a grant by the National Fish and Wildlife Foundation (NFWF).

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

Louisiana Department of Transportation Development, District 04 IJA Off-System Bridge Program. Volkert has been selected to assist the LADOTD in the selection of eligible bridge structures to be replaced, designed, and constructed under the Infrastructure Investment and Jobs Act (IIJA) Off-System Bridge Program. Mr. Armstrong is the Engineer assisting in completing the Phase 1 preliminary screening matrix and bridge selection process based on a set budget provided; ultimately moving the selected bridges to construction while coordinating with the DOTD and local stakeholders.

CERTIFICATIONS:

- NHI Course No. 130055: Safety Inspection of In-Service Bridges, 2018
- NHI Course No. 130053: Bridge Inspection Refresher Training, 2022
- NHI Course No. 130091: Underwater Bridge Inspection, 2016
- NHI Course No. 130087: Inspection & Maintenance of Ancillary Highway Structures, 2017
- NHI Course No. 135047: Stream Stability & Scour at Highway Bridges for Bridge Inspectors, 2018
- 40Hr HAZWOPPER Initial, 2013, Refresher, 2019 (Out of Date)
- State of Louisiana Levee Inspector, 2012
- Emergency First Responder, 2015
- Competent Person for Fall Protection, Louisiana, 2015
- Current First-Aid, CPR, Emergency O2



LUKE LEBAS, PE | Project Engineer

Luke LeBas joined Volkert in 2022. He has an established record of success on port and coastal infrastructure projects. Mr. LeBas' over 30 years of experience spans both the private and public sectors. As such, he understands client needs, business requirements/ continuity, organizational challenges, and policies that impact programs, implementation, and stakeholder expectations. This diverse skill set was achieved from growing, adapting, and accepting challenging stretch assignments while maintaining core values and open communication with business associates and clients. During his career, Mr. LeBas' leadership style has evolved into a servant leader who effectively supports, guides, and mentor's staff to achieve mutual success with both individual and team accountability.

EDUCATION:

B.S, Civil Engineering,, 1993

REGISTRATIONS:

- LA PE #28214
- TX PE #108075

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

Project Experience

Louisiana's Gateway Terminal (LGT), Plaquemines Parish, LA: Program Manager. This project involves the progressive design-build alternative delivery of a new greenfield container terminal, rail connection, three-berth wharf, and CNG platform on the lower Mississippi River. The intent of Phase 1 of this project is to build a 50-acre container terminal yard, four finger pier crossovers of the levee, and nearly 3,000 linear feet of wharf that will provide distribution capacity of up to 1M container TEUs via truck, rail, and transshipment transportation methods. The project involves multiple site challenges including soft compressible soils, high ground water table associated with high Mississippi River, and naturally low flat elevation which will require detailed structural analysis, construction sequencing, and utility relocation management.

PRIOR TO JOINING VOLKERT

Independent Technical Review of the Lower Mississippi River Diversion, Coastal Protection and Restoration Authority, Lower Plaquemines Parish, LA. Engineer Manager/Principal for this effort to provide an independent evaluation of the Mid Breton Sound Sediment Diversion, Lower Barataria Sediment Diversion, and Lower Breton Sound Sediment Diversion projects. The objective of this effort was to provide consistent and unbiased technical evaluation of the planning and preliminary engineering assessment of the three diversion projects. The project involves civil site analysis, hydrodynamic review and evaluation, structural evaluation, and constructability assessment.

Houston Ship Channel Expansion Channel Improvement Project (HSC-ECIP), Port of Houston Authority (PHA). Project Manager and Principal in Charge for the Peer Review, Value engineering support, and on-call engineering support for the PHA's channel expansion project. PHA, along with USACE-Galveston District, intend to jointly design, procure, and construct the deepening, widening, and expansion of the Houston Ship Channel to accommodate larger ships for commerce. Atkins provided technical design review of all segments including dredging, beneficial use of dredge material, structural analysis, coastal engineering, and environmental and regulatory compliance. Atkins also provided policy and small business initiative support to promulgate the PHA's newly adopted Small Business policies.

Barbour's Cut/Boggy Bayou, Enterprise Products Company, San Jacinto, TX.

Engineer-of-record. Led the engineering, design, and construction of a dredging and beneficial use project in south Texas. This project included hydraulic cutter head dredging and pumping/filling into spider barges for pump out into beneficial use site. The project created 150 acres of intermediate marsh in a culturally sensitive area near the San Jacinto Monument battleground. The project received the Environmental Port Project of the year (2017) and the Inland Dredging Project of the year 2018 at the Central Dredging Association (CEDA) Europe/International Association Dredging Companies (IADC) Dredging for a Sustainable Infrastructure Conference.

Lake Providence Port Commission, Infrastructure Improvements, Lake Providence, Louisiana. Project manager and Engineer of Record for this project that involved eight phases of Infrastructure Improvements at the Port of Lake Providence to support construction of a bio-based Succinic Acid Plant. Project coordination and collaboration

LUKE LEBAS, PE

Project Engineer

with La DOTD's Port Priority Grant Program Staff for design, procurement, and award was successfully done for project implementation. The projects had numerous delays that were overcome through diligent and extensive communication and partnership between the Port of Lake Providence, La DOTD, and Shaw E&I (A CB&I company). Technical delivery of new truck scale, subsurface drainage, traffic control, rail upgrades, security fencing, and site layout were successfully completed.

Sargent Beach Segmented Breakwater and Beach Nourishment, Matagorda County, Tx; Texas General Land Office (GLO). Technical Director and Engineer of Record (EOR) for the design of five nearshore segmented breakwaters, one terminal groin and beach nourishment areas north and south of Mitchell's Cut inlet. The breakwaters will support a critical shoreline reach in Matagorda County immediately adjacent to the Gulf Intracoastal Waterway (GIWW). Coastal Engineering included numerical analysis of wave conditions, sediment transport, and optimizing breakwater size, location, and angle for maximum shoreline protection against cyclical coastal processes. Additional work included geotechnical analysis, nearshore bathymetry evaluation, and sediment/sand search for beach quality material. OPCC also developed for estimating.

Little Lake Marsh Creation and Shoreline Protection, NOAA/National Marine Fisheries, Terrebonne Parish, LA. Technical Director. The goal of this project was to create and restore nearly 1,000 acres of brackish to intermediate marsh in lower Terrebonne Parish, LA. The project included utilization of a 24-inch cutterhead suction dredge to pump nearly 3 million cubic yards of cohesive sediments into semi-confined disposals cells. The material was allowed to stack to an elevation conducive for vegetation establishment while staying within the intertidal zone. The project was successfully completed within budget in 2006/07. At the time of completion, it was the largest coastal restoration project in Louisiana history. It was featured in the Coastal Wetlands, Planning, Protection, and Restoration Act magazine "Watermarks" as an innovative and cutting-edge project.

Lake Borgne Shoreline Protection and Restoration, St. Bernard Parish, St. Bernard Parish, LA. Technical Director. The goal of this project was to prevent and/or reduce shoreline retreat along critical reaches of Lake Borgne which are directly east of the Greater New Orleans Metropolitan area. The project consisted of continuous breakwaters composed of class 250 rip rap placed along the shoreline/water interface in phased construction. Additionally, a double-steel sheet pile wall was designed and installed at the confluence of Lake Borgne, Bayou Dupre, and the Mississippi River Gulf Outlet. Also, a unique end-on construction method was used in and around the remnants of a former naval base where access was severely limited.

Mississippi River Sediment Delivery System, Bayou DuPont, Plaquemines Parish/EPA, Plaquemines Parish, LA. Technical Director for this project involving dredged renewable Mississippi River sediment for marsh creation. Design involved river hydraulic analysis and modeling, sediment borrow sampling and delineation, and marsh creation design. The non-design obstacles that were overcome included: Navigation industry concerns, Coast Guard compliance, regulatory compliance, and real estate coordination. Also, a sediment transport system was designed that included jack-and-boring under a railroad and a vital state high-way.

Bayou Corne Sinkhole, Louisiana Department of Natural Resources, Baton Rouge, LA. Principal in Charge and Client lead for Emergency Management and Response to Louisiana Department of Natural Resources for salt dome collapse and sinkhole formation in south Louisiana near the town of Pierre Part. Initially, this support required immediate coordination and public outreach to the residents, oil and gas industry, local government, media and state agencies activated to manage the situation. This environmental emergency was unprecedented in terms of proximity to residential housing, public transportation infrastructure, and potential collateral damage to nearby industry. Successfully worked with executive levels of state government for this effort.



SABRINA WELCH, PE | Project Engineer

(MS Licensed PE)

Ms. Welch is a civil engineer who has gained invaluable industry experience over the past 3 years in Roadway and Hydraulic design & modeling, Construction Administration, and CE&I services.

Project Experience

White Sulphur Road Realignment, Hall County, GA. Engineer Intern. Prepared Erosion Control Plan sheets and drainage plan sheets including, Drainage Area Map and Drainage Profiles sheets, using Microstaion V8i and In Roads Designer.

SR 15 at SR 16 Roundabout, Phase A, Neshoba County, MS. Engineer Intern. Assisted with Phase A 3D modeling and plans assembly utilizing Open Roads Designer. Phase A plans will include Roadway Drainage, OpenRoads 3D modeling, Conceptual Traffic Control, Fastest Path Analysis, Conceptual Pavement Marking, Conceptual Permanent Signing, and Lighting Layout.

SR 28 Bridge Replacement over Tanyard Creek, Harrison County, MS. Engineer Intern. Assisted with Phase B plans assembly, including the preparation of quantities, EQ and SQ sheets. Plans also included Traffic Control, Offsite Detour Plan, Permanent Signing, Pavement Marking, Roadway Drainage, and other Roadway items. Plans assembly was performed using Microstation V8i (Selectseries 10).

MS 3 at Willie Morris Parkway, Phase A, Yazoo County, MS. Engineer Intern. Assisted with Phase A 3D modeling and plans assembly utilizing Open Roads Designer. Phase A plans will include Roadway Drainage, OepnRoads 3D Modeling, Fastest Path Analysis, Conceptual Permanent Signing, Conceptual Pavement Marking, Lighting Layout, and Conceptual Traffic Control.

HWY 103 Str. & Apprs. (S) Bridge Replacement Over Spicewood Hollow, Carroll County, AR. Engineer Intern. Assisted with H&H design of side drains and cross drains within project limits. H&H design was performed using Hec-RAS 6.2 and HY-8. Prepared a detailed hydraulic report summarizing H&H design methods and findings.

Shriners Boulevard Roundabouts Phase A and Phase B, Harrison County, MS. Engineer Intern. Assisted with Phase A 3D modeling and plans assembly utilizing Open Roads Designer. Plans included worksheets for double roundabout, Traffic Control Plan, and Typical Sections and AutoTURN design vehicle verification. Phase B work is currently being performed.

US 49 at SR 35 Intersection Improvements, Covington County, MS. Engineer Intern. Assisted with Phase B plans assembly, including the preparation of quantities, EQ and SQ sheets, Traffic Control and Signing sheets, Erosion Control sheets and Worksheets. Plans assembly was performed using Microstation V8i (Selectseries 10).

SR 704 Bridge Replacement, Benton County, MS. Engineer Intern. Assisted with Phase B plans assembly, including the preparation of quantities, EQ and SQ sheets, Traffic Control and Signing sheets, Erosion Control sheets and Worksheets. Plans assembly was performed using Microstation V8i (Selectseries 10).

Lauderdale County BFE Study, Lauderdale County, MS. Engineer Intern. Performed hydraulic modeling, using Hec-RAS 6.2, to determine the Base Flood Elevation along a specific reach of the Little Tangipahoa River Tributary in Lauderdale County.

Tanyard Creek Bridge Hydraulics, Simpson County, MS. Engineer Intern. Performed hydraulic modeling and analysis, using Hec-RAS 6.2, to determine design flood elevation for a proposed bridge. Performed scour analysis and countermeasure design as needed. Prepared Bridge Hydraulic Report detailing hydraulic modeling and findings and prepared Final Bridge Hydraulic plans.

EDUCATION:

MS, Civil Engineering, 2019
BS, Civil Engineering,, 2012

REGISTRATIONS:

- MS PE #34144



JASON GOFFINET, REPA | Environmental

EDUCATION:

BS, Environmental Science, 1995
BS, Biology, 1995

REGISTRATIONS:

- Registered Environmental Property Assessor, 2007

CERTIFICATIONS:

- FDOT Traffic Noise Analysis Certificate #175
- FHWA/ALDOT, Applying Section 4(f): Putting Policy into Practice (NHI Course 142073), 2015 GDOT/FHWA Environmental Impact Assessment, 2007; GDOT Plan Development Process Training, 2006
- FHWA/NHI NEPA and Transportation Decision Making Course 14205, 1999; FHWA/ALDOT, Section 4(f) Workshop, 2004
- FHWA/EPA MOVES 2010 /CAL3HCR Hot-Spot Course, 2011
- Traffic Noise Analysis, Course BT-19-0005, FDOT, Environmental Management Office, 2002
- Transportation Research Board Conference AI F04, Transportation-Related Noise and Vibration Conference, 2001

Mr. Goffinet has over 29 years of experience in preparing environmental documents including EISs, EAs, CEs, and corridor/feasibility studies for transportation projects in accordance with the National Environmental Policy Act of 1969 (NEPA) (42 U.S.C. 4321 et. seq.). His experience encompasses all stages of project development beginning with the development of the concept, preparation of the need and purpose statement, justification of the termination and continuing through the agency coordination, community outreach and public involvement process, preparation of the NEPA document and subsequent re-evaluations and preparation of construction permits. He has written NEPA documents that address a multitude of complex issues including community, socio-economic and demographic impacts, impacts to resources protected under Section 4(f) (publicly owned parks, wildlife refuges, historical sites), Section 6(f) (lands acquired with Land and Water Conservation Act funds), Section 106 (historic resources), Section 7 (protected species), Section 404 (waters of the US including wetlands), EO 12898 (Environmental Justice), FHWA's EJ Order 6640.23A, DOT's EJ Order 5610.2(a), and EO 13166 (Limited English Proficiency). Mr. Goffinet has also written numerous technical reports including EJ community impact assessments and indirect and cumulative impact assessments and has performed air quality assessments and complex noise analyses using the latest models. He has served as a Senior Project Planner and Environmental Project Manager with responsibility for coordinating and preparing environmental documents for federal, state, municipal, and private sector projects. He has managed NEPA documents and provided community outreach/public involvement services in the multiple states.

Project Experience

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

Environmental Scientist for St. Landry Edenborne Connector for Ascension Parish,

LA. Volkert was selected by Ascension Parish to provide an environmental impact study, right away analysis, full roadway and utility design, and bid services for a divided facility that will connect St Landry Ave. and Edenborne Ave. This project commenced approximately 360 ft. south of the St. Landry Avenue and Holly Hill Road intersection located within Ascension Parish, Louisiana. The facility will have lighting and a multi-use path. 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.

JASON GOFFINET, REPA

Environmental

Environmental Scientist for the LA 406/Woodland Highway Widening for New Orleans Regional Planning Commission. The project involves conducting a Stage 1 Environmental Assessment to document potential environmental concerns associated with the widening of LA 406 from two to four lanes between LA 23 (Belle Chasse Hwy) and LA 407 (Gen. De Gaulle Blvd) in Plaquemines and Orleans Parishes, LA. The study corridor for the project included the existing road right-of-way and adjacent areas for approximately 3.8 miles. While the client is the Regional Planning Commission, Volkert is responsible for coordination with Louisiana Department of Transportation and Development (DOTD), Federal Highway Administration (FHWA), Plaquemines Parish, and the City of New Orleans to ensure all issues are addressed in the development of the project. Volkert was responsible for completing the EA in accordance with the federally developed National Environmental Policy Act (NEPA). Volkert provided oversight to subcontractors responsible for cultural resource surveys, environmental, drainage design, and topographic surveys.

Environmental Scientist for Almonaster Bridge for the Port of New Orleans. This project consists of the development of preliminary design plans and estimate for a permanent rolling lift bascule bridge and approaches over the Inner Harbor Navigational Canal at Almonaster Avenue. The project involved conducting a feasibility study and preparing an EA to document potential concerns associated with the bridge replacement project. The EA included land use impacts; dredging and dredged material disposal impacts; socioeconomic impacts; demolition impacts; vehicular, pedestrian, and bicycle traffic impacts; floodplain assessment; hazardous wastes; construction impacts; visual impacts; and navigation impacts.

Environmental Scientist for I-12 Widening Design-Build Project from O'Neal Lane Interchange to Pete's Highway in East Baton Rouge and Livingston Parishes. The project, from the O'Neal lane/I-10 Interchange to Pete's highway (eastbound), consisted of widening I-12 from two lanes in each direction to three lanes in each direction (6 lanes total) and included reconstruction of the existing lanes. The additional lanes were constructed to the inside of the existing lanes (in the median) and a 12' wide shoulder was constructed both inside and outside of the new lanes in each direction. Volkert's services included roadway design, electrical design, and QA/QC assistance on the design plans for this project. Environmental Permitting include wetland delineations, coordination with design engineers to modify the design to minimize potential wetland impacts, modification of an existing USACE Programmatic General Permit to include additional wetland impacts, brokering wetland mitigation credits required to comply with permit conditions, and permit compliance and monitoring services. Volkert obtained a LPDES Permit for the improvements and developed a Stormwater Pollution Prevention Plan. Volkert performed stormwater inspections and prepared monitoring reports to verify compliance with LPDES permit conditions throughout construction.

I-59/I-20 Bridge Rehabilitation in Jefferson County, Alabama for Alabama Department of Transportation (ALDOT). Project Manager. This fast-tracked project will replace the bridge substructure & superstructure for Interstate I-59/I-20 in the Birmingham Central Business District of Downtown Birmingham with a segmental bridge. The existing bridge, which extends from just east of the I-59/I-20 and I-65 route interchange to east of US 31, was constructed in the 1970s. Current traffic demand is twice as much as the bridge was designed for and has fatigued the bridge deck and girders, hastening the need to provide maintenance to this important link in the Alabama transportation network. In addition to the replacement of the I-59/20 CBD Bridge, safety will be improved by eliminating existing left-hand ramps and weaves and replacing them with ramps into and out of downtown Birmingham via 17th Street North, US 31 and 31st Street North.



PAIGE FELTS, CPESC | Environmental

Ms. Felts has been with Volkert since 2003 and has 21 years of environmental experience. Her environmental project experience includes environmental permitting, coordination with state and federal regulatory agencies, identifying and delineating wetlands, defining alternatives for avoiding and minimizing impacts to wetland areas, wetland mitigation, submerged aquatic vegetation (SAV) surveys, Phase I Environmental Site assessments (ESA), developing Best Management Practices (BMP) Plans, and threatened and endangered species.

Project Experience

Environmental Scientist for the Plank Road Realignment East Baton Rouge Parish, LA for the Baton Rouge Metropolitan Airport. Ms. Felts served as Environmental Scientist responsible for permitting services. This project is for the relocation of Plank Road on a new alignment and includes all ROW acquisition and all the design for a new 4 lane highway with J-turns. It also includes all ROW acquisition and all the design for additional lanes along Harding and Hooper Road including the implementation of complete streets, a new lighting system and a new signalized intersection. Phase I of this project is nearing completion and Phase II is in an on-going traffic study. Ms. Felts served as Environmental Scientist responsible for permitting services. 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.

LA 1088 Corridor Study - Environmental Assessment in St. Tammany Parish for the LA DOTD. The scope of services for this project consists of the preparation of an Environmental Assessment (EA) in accordance with the National Environmental Policy Act (NEPA), and other applicable laws for the proposed project. The project proposes to improve the mobility and safety of vehicle, pedestrian and bicycle traffic along the LA 1088 corridor between LA 59 (Girod St.) and the I-12 westbound ramps in St. Tammany Parish. Volkert is responsible for evaluating the social, economic, and environmental consequences of the alternatives (including the no-build) and present this information in the EA document. In addition to the formal EA document and Finding of No Significant Impact (FONSI), Volkert developed separate reports including Wetland Finding, Phase I Environmental Site Assessment, Phase I Cultural Resources Survey Reports, Noise analysis, a Public Hearing and Conceptual Stage Relocation Plan, etc. Ms. Felts served as Environmental Scientist responsible for wetland delineation and permitting services.

I-10 Stage 0 Feasibility Study and Environmental Inventory in East Baton Rouge and Ascension Parishes, LA for the DOTD. An environmental inventory was accomplished to determine if there were any substantial environmental issues that may have stopped the addition of capacity, or caused the cost to escalate due to mitigation. Feasibility was determined for each of the alternatives, and recommendations for the preferred alternative were developed and documented in Phase 0 Reports. Ms. Felts served as Environmental Scientist responsible for permitting services.

I-12 Design Build. Project Scientist. The project, from the O'Neal Lane/I-10 Interchange to Pete's Highway (eastbound) consists of widening I-12 from 2-lanes in each direction to 3-lanes in each direction (6 lanes total) and reconstruction of the existing lanes. Volkert's services included roadway design, electrical design, permitting compliance, and QA/QC assistance on the design plans for this project. Design Plan Sets included clearing and grubbing, erosion control, and maintenance-of-traffic for coordination of phased construction. Design plans for signing and striping, paving, storm drainage improvements and construction details were also developed for the project. Volkert was also responsible for scour analysis for the substructure of the new Amite River Bridges, permitting, environmental compliance, public involvement, independent quality control, and engineering during construction. Scour analysis was accomplished by modifying the Amite River hydraulics model using HEC-RAS to include the substructure for the new bridge replacements.

EDUCATION:

BS, Civil Engineering, 2002
BS, Environmental Science, 1998

REGISTRATIONS:

- Certified Erosion Prevention and Sediment Control #8687
- FDEP Stormwater Management Inspector #28594

Environmental

Phase 1 ESA Services for Sherwood Forest Extension, MoveBr, City of Baton Rouge.

Volkert will conduct an ESA for the area around the Sherwood Forest Extension in an effort to determine previous ownership of the site by conducting record reviews, site reconnaissance, interviews and development of a report detailing the previous uses of the site. A map will be developed that highlights site specific historical uses such as gasoline or dry-cleaning facilities that might have previously compromised the area. Ms. Felts served as Environmental Scientist responsible for permitting and site assessment services.

Bon Secour Headwaters Restoration in Foley, Alabama for the City of Foley. Residential development in the headwaters of the Bon Secour River has exploded over the past 10 years with subdivisions replacing farmland. Erosion and sedimentation are a primary issue from construction stormwater runoff. Urbanized and agricultural land uses in the headwaters of the watershed have contributed to nutrient loading that negatively affects water quality. Additionally, heavy concentrations of invasive plant species and litter have been documented within the proposed project area. The City of Foley secured grant funding through the NFWF Gulf Environmental Benefit Fund to purchase approximately 88 acres of property adjacent to the headwaters of the Bon Secour River to design and implement a restoration project. The goals were to restore water quality by reducing nutrient and sediment loads, and enhance the existing natural wetland vegetation community by removing invasive species. Ms. Fels served as Environmental Project Manager responsible for the development of the permitting, compliance, and final report.

Magnolia Bridge Environmental Assessment, Orleans Parish, LA (NORPC). Ms. Felts served as Environmental Scientist responsible for permitting services. The RPC asked Volkert to conduct a thorough structural and safety inspection of the bridge and complete a Stage 1 environmental and feasibility study for a repair and revitalization project. Volkert previously provided the bridge inspection and report according to NBIS and LA DOTD requirements. Volkert's environmental team led a Stage 1 Environmental Analysis for the rehabilitation of the bridge. The team coordinated with relevant local, state, and federal agencies, evaluated alternatives and their environmental impact, and solicited the views of stakeholders and the public. The resulting documentation supported a finding of a Categorical Exclusion, signifying that the project will not have a significant environmental impact on the historical bridge or its surroundings.

Environmental Scientist for the Stabilization of Rock Creek in Fairhope, Alabama for the City of Fairhope. The City selected Volkert to develop a plan that would result in permanent erosion protection measures for streams at bridge and utility crossings especially at the Rock Creek location. The plan provides a permanent improvements to the stream bed to minimize future erosion that could affect the integrity of the bridge piling and abutment, roadway approaches and other nearby infrastructure and utilities. Volkert is providing design services, hydraulic modeling, environmental permitting compliance, and survey services for this project. Hydraulic modeling is performed for 2, 5, 10, 25, and 100 year storm events.

Environmental Project Manager for the Wolf Bay Watershed Management Plan (WMP) Phases I& II) for the MBNEP. The MBNEP received funding from the National Fish and Wildlife Foundation (NFWF) Gulf Environmental Benefit Fund (GEBF) to develop a comprehensive WMP for the Wolf Bay Watershed in Baldwin County, Alabama. The MBNEP has chosen the Volkert/Allen ES Team to develop a comprehensive Watershed Management Plan to provide an assessment of the Wolf Bay watershed with the goal of improving water and habitat quality in Wolf Bay. The watershed planning process uses distinctive steps to characterize existing conditions, identify and prioritize problem areas,



ANNELISE DODD, PE, CFM | Project Engineer/ Environmental (AL Licensed PE)

Ms. Dodd joined Volkert in 2020. She is currently serving as an Engineer for the Environmental Department with experience in stream restoration, hydraulic studies for letters of map revision, hydrological assessments, mitigation bank management, and landfill permitting. In addition, Annelise is proficient in performing Phase I Environmental Site Assessments. Her experience includes hydraulic and hydrologic modeling, stream assessments/restoration/mitigation, wetland mitigation and development of NEPA documentation.

Project Experience

Bon Secour Headwaters Restoration in Foley, Alabama for the City of Foley. Ms. Dodd served as Engineer-in-Training. In January 2017, the Bon Secour River, Oyster Bay, Skunk Bayou Watershed Management Plan was completed. The management plan identified five critical issues within the Bon Secour River watershed, which included, stormwater management, litter control, water quality, erosion and sedimentation and invasive species. Residential development in the headwaters of the Bon Secour River has exploded over the past 10 years with subdivisions replacing farmland. Erosion and sedimentation are a primary issue from construction stormwater runoff.

Stormwater Management Plan for Jefferson Parish, LA. Ms. Dodd served as Engineer-in-Training. Volkert was selected to develop an integrated stormwater management and green infrastructure plan for Jefferson Parish, Louisiana, to be included in their Parish Master Plan. The project consisted of evaluating and summarizing local, state and federal plans to gain a full understanding of the current practices, systems, policies, and regulatory framework for low impact development, stormwater management, street development, impervious surfaces, parking, landscaping and related issues. Volkert was then tasked with meeting with the public and stakeholders to identify community concerns and development recommendations on how to improve these areas in order to reach low impact development on these infrastructure upgrades.

Jackson Creek Floodplain Restoration, Escambia County, Florida. Ms. Dodd served as Engineer-in-Training. The project involves the restoration of approximately 5 acres of wetlands and the stabilization of approximately 1,800 linear feet of stream along Jackson Creek. Volkert is providing planning, design, coordination, easement acquisition, and permitting services. This project is being funded through a grant from the National Fish and Wildlife Foundation (NFWF) Gulf Environmental Benefit Fund (GEBF).

Tiawasee Stream Restoration in Daphne, Alabama for the City of Daphne. Ms. Dodd served as Engineer-in-Training. Volkert, Inc. provided engineering design, environmental permitting, and construction oversight for the stabilization of an existing drainage ditch adjacent to Montclair loop and the restoration of a portion of Tiawasee Creek in Daphne, Alabama. The project utilized natural stream design techniques to stabilize the project. This included use of native species for construction of instream log structures, and Alabama sourced limestone rock that closely resembles local iron rock.

MS 4 Permitting work for the City of Fultondale. Ms. Dodd served as Engineer-in-Training. The Volkert Team has played various roles with municipal separate storm sewer permit programs throughout Alabama. Phase I and Phase II MS4 involvement and experience has ranged from the level of initial negotiation and creation of new permits, to creating storm water management program plans, to general permit implementation, management, and maintenance. Volkert performed dry weather screening of major outfalls, semi-annual inspection of structural controls, public education and public involvement, industrial inspections, wet-weather sampling.

EDUCATION:

B.S, Biosystems Engineering,
2017

REGISTRATIONS:

- AL PE #40376
- ASFPM Certified
Floodplain Manager
(CFM), Certification, #US-
19-10844

TRAINING:

- Alabama Office of
WaterResources (OWR)
LOMR Training
- NEPA Air Quality Analysis
for Highway Projects
Modeling Workshop
- Fundamentals of
StreamMorphology and
Ecology Assessment
Workshop
- L-273 Class -
ManagingFloodplain
Development
- Through the
NationalFlood Insurance
Program (NFIP)
- Intro to Watershed
Modeling
- Gulf Coast Watershed
Sustainability and
Modeling Systems
Workshop

RANDY DENMON, PE, PLS | Project Engineer/ Surveyor

Mr. Denmon has over 33 years' experience in civil engineering/construction management and land surveying, primarily as a Public Works and Flood Control Engineer. Mr. Denmon is a registered Civil Engineer and Surveyor in the State of Louisiana. Mr. Denmon has vast experience working on Water Resource, Flood Control, and Transportation projects, and well as Surveying. His experience includes: hydraulic design, construction management, analysis of water supply structures, watershed and stream modeling, and flood mapping. In his career, Mr. Denmon has been the lead engineer in flood mapping or stream modeling projects on over 50 major, named watersheds in Louisiana for such clients as: La. Department of Transportation, and other State Agencies, Watershed and Lake Districts, and many local governments. He has also managed dozens of roadway projects for the DOTD and local governments. He is a certified LADOTD Project Manager. Mr. Denmon has extensive experience with Microstation, AutoCAD, Intergraph, and Bentley computer aided design applications, and the US Army Corps of Engineers' HEC-RAS and HMS hydrologic modeling programs.

EDUCATION:

MS, Civil Engineering, 1996

BS, Mathematics, 1991

REGISTRATIONS:

Professional Engineer:

- LA PE # 29390
- LA PLS # 4798
- AR PE # 21419
- AR PLS # 1902

Project Experience

Cross Lake Dam, (Shreveport, LA). Project Manager. Work included the completion of an Emergency Action Plan in accordance with LaDOTD dam safety regulations; analysis of prior engineering reports and documentation; final design, bidding and award for the clearing and grubbing of the dam; detailed field surveys of the dam; a full geotechnical analysis of the dam that included 26 boring, lab analysis, the installation of 6 piezometers, groundwater investigation, stability analysis, through seepage analysis, and under seepage analysis; and recommendations for corrective measures for the dam.

Bayou Dechene Reservoir, (Caldwell Parish, LA). Project Manager. Volkert was retained to permit and design an 1,100-acre potable water reservoir in Caldwell Parish, Louisiana. Reservoir has a 4700' long by 70' high embankment dam with a 19' x 30' drop inlet spillway. Work included site identification; Section 404, Clean Water Act permitting; hydrologic and hydraulic modeling; right-of-way acquisition; final plans, bidding, and construction inspection. Total Project Costs: \$35,000,000. Project in construction phase.

Reconstruction of Cane River Lake Spillway, (Natchitoches Parish, LA). Project Manager. Work included design and construction of coffer dams, removal and replacement of spillway gates, and epoxy grout treatment of concrete spillway. Work included civil, structural, geotechnical, hydraulic, hydrologic, surveying and mapping, CAD, and cost estimating. Design work completed with Bentley's Microstation software. Project Cost: Approximately \$300,000.

Bundick's Creek Lake Upgrades, (Deridder, LA). Project Manager. Final Design and permitting of new, 100' concrete crest gate spillway for the LADOTD. Design work included: civil, structural, geotechnical, hydraulic, hydrologic, mechanical, and electrical engineering, surveying and mapping, CAD, and cost estimating is required. Design work completed with Bentley's Microstation software. Project Cost: \$ 6,100,000.

Statewide Dam Breach Analysis, (Statewide, LA). Project Manager. Work included Dam Breach Analysis and Emergency Action Plans on 24 dams maintained by the LADOTD. Work included downstream creek, downstream bridge, and dam surveys; construction of a HEC-RAS computer model to model a dam breach on each site under maximum storage conditions, and a final report that: detailed all work completed, model analysis and results, inundation mapping with Microstation Software, and recommendations for hazard classifications of said dams. Design work included hydraulic and hydrologic modeling, surveying and mapping, and CAD. Engineering Fee: \$1,050,697.

Flood Control Improvements to the Rochelle St., Roselawn St. & 11th Area of Monroe (Monroe, LA). Project included all surveying, environmental permitting, H&H Modeling with HEC-HMS and HEC-RAS, Final Plans, Bidding and Construction Inspection.

RANDY DENMON, PE, PLS

Project Engineer/Surveyor

Project included new 6-acre retention pond and modifications to the existing Rochelle St. Pump Station. Project Cost: \$2,153,000. Project funded through the LADOTD's Statewide Flood Control Program.

Franklin Farm Megasite, SPN 05-252-06-14, Richland Parish LA. Project Manager. Work included 100 and 500 year flood determination and mapping, topographic surveying, environmental permitting, and design for the relocation of approximately 1.5 miles of local bayous, utility relocations, and drainage structures for the Louisiana Dept. of Economic Development. Design work included: civil, structural, geotechnical, hydraulic, hydrologic, surveying and mapping, CAD, and cost estimating. Design work completed with Bentley's Microstation software. Project Cost: Approximately \$1,100,000.

Improvements to the Red Chute Levee (Bossier Parish, LA). Mr. Denmon completed all design to widen approximately 7 miles of the Red Chute Levee (a federally authorized Levee). Work included HEC-HMS and HEC-RAS Modeling of Red Chute Bayou, Geotechnical, Final Design and Bidding. 2011-2020. Project Cost: \$5,800,000. Project funded through the LADOTD's Statewide Flood Control Program.

Lee Lane Levee Relocation, Tensas Basin Levee District, Caldwell Parish, LA. Project Manager. Completed all surveying, right of way acquisition, permitting and construction management for the relocation of 3000' of the Ouachita River Levee. Project Cost, \$2,050,000.

IDIQ Contract for Louisiana Watershed Initiative (LWI) Modeling Contract, Region 3, LADOTD, State Contract No. 4400017069. Sub to Wood for topographic surveying on streams and bridges. Four Task Orders for \$1,426,244. Surveyor in charge of all survey work.



GABRIEL RICE, EI | Engineer Intern

Mr. Rice brings over two years of hands-on experience in water resources and bridge design and provides support on bridge inspection, bridge design, and program management, underpinned by a strong educational foundation with a B.S. in Civil Engineering from Louisiana State University. As Communications Chair for the Louisiana Engineering Society (LES) Chapter in Baton Rouge, Mr. Rice enhanced community engagement and contributed to the field's progress. This role aligns with Mr. Rice's passion for engineering and continuous learning. Mr. Rice was named Young Engineer of the Year in 2024 which underscores his commitment to excellence and professional development in civil engineering.

Project Experience

Mandeville Shoreline Protection (Mandeville, LA). In the Mandeville Shoreline Protection project, Mr. Rice's contribution was securing grant funding, a crucial aspect for the project's realization. This role demonstrated my capacity to blend engineering knowledge with financial acumen, contributing to the project's overall success. I am also using GIS software to make accurate maps for use in the grant writing process.

Reconstruction of Wharf A and Wharf F, Port of Chalmette (Chalmette, LA) Mr. Rice assisted in correcting design plans using AutoCAD and analyzing pile data to ensure design strength compliance. Additionally, my tasks included auditing invoices to maintain financial accuracy, showcasing my versatility in both engineering and administrative aspects of the project.

Pipeline Isolation Dam - Bayou Dechene Rd. Mr. Rice's involvement in the Pipeline Isolation Dam project focused on ensuring the use of appropriate materials according to LADOTD specifications and verifying that construction shop plans meet Volkert's standards. This role required a keen attention to detail and a strong understanding of material properties and industry standards.

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

IJA Off System Bridges (Louisiana). Mr. Rice is assisting in the management of the IJA Off System Bridges project, my role encompassed the revitalization of nine structures across Louisiana. This involved coordinating various project aspects, showcasing my ability to handle complex, multi-faceted engineering challenges effectively.

Port of New Orleans Inspection (New Orleans, LA). Mr. Rice's responsibilities in the Port of New Orleans Inspection included conducting thorough inspections of two major wharfs – First Street Wharf and Napoleon Wharf B – and preparing comprehensive reports for client review. This role required a detailed understanding of port infrastructure and high standards of inspection techniques.

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

EDUCATION:

BS, Civil Engineering., 2022

REGISTRATIONS:

- LA EI #35152

TRAINING:

- ATSSA Flagger
- SPRAT Level 1
- Open Water Scuba Diver



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.